Composites Australia exists to increase awareness of the capabilities of the Australian composites industry and the adoption of composites technologies by Australian manufacturers, engineers and designers.

A member-based organisation, we connect and support the development of the industry and facilitate collaboration with researchers.

Composites Australia provides a forum for the industry to exchange information and promote the development of new markets for composite products.

We work to:
- Responsibly maintain the market for and promote the increased use of composites products
- Represent members’ interests to federal, state and local governments and regulatory authorities, insurance companies, consumer organisations and the media to ensure fair and equitable treatment of composites products
- Develop a high standard of commercial ethics amongst members
- Actively promote development of the skills-base of the industry
- Liaise with other relevant industry groups and institutes, both within Australia and overseas.

Contact Composites Australia to submit or update your company profile on info@compositesaustralia.com.au or +61 3 9429 9884.
Geographical Heat Map
Australian Composites Industry
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**Notes:**
- Manufacture and/or Supply of Raw Materials
- Manufacturing Processes, Service Capabilities

**Additional Information:**
- Development of raw materials and processes
- Equipment and machinery
- Consultation and advice
- Research and development
- Custom design and manufacture
- In-house processing
- Custom fabrication
- Prototyping and testing
- Quality assurance
- Training and education
- Other services
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**Product Capabilities**

[Image: Composites Australia logo]
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Product Capabilities
Quickparts

5 Lynch Street
Hawthorn
VIC, 3122

Contact
+61 3 9819 4422
quotes.asiapac@3dsystems.com
www.3dquickparts.com.au

Company Overview

Founded in 1986, with the invention of the first Stereolithography Rapid Prototyping system, 3D Systems has grown into a global company delivering advanced solid imaging solutions to every major market around the world.

On the 21st September, 2011 Formero and its subsidiary company XYZ Innovation commenced operating as 3D Systems Asia-Pacific Pty Ltd with an expanded range of products and services that include - 3D Printers, Design Productivity Tools, Prototyping and Manufacturing Services.

3D Systems Quickparts accelerates your products to market by offering services that streamline each stage of the product development process from prototyping through to tooling and manufacturing.

Capabilities

Product Capabilities
- Ground transportation
- Automotive components
- Marine and maritime
  - Defence vessel (component and subassembly)
- Consumer and leisure
  - Arts and design
  - Film sets
  - Furniture
- Manufacture of raw materials
  - Resins – thermoplastic
  - Resins – thermoset – epoxy

Process and Service Capabilities
- Manufacturing processes
- Compression moulding
- Service capabilities
- CNC machining
- Prototyping services
- Tooling and mould design
- Tooling and mould manufacture

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Marine and maritime
- Materials, engineering and support services
Company Overview

A&I Coatings mission is to bring excellence to the specialized coating industry through a tenacious commitment to innovation and product quality, and an efficient and flexible approach to providing coating solutions for niche markets.

Our products will help our customers and partners gain a competitive edge through enhanced functionality and reduced throughput times.

The areas we specialise in and are particularly appropriate to the composites industry are fluoropolymer based coatings for outstanding exterior durability and ultra violet cured coatings for composite cores such as balsa.

Capabilities

Product Capabilities
- Manufacture of raw materials
- UV cured coatings for balsa etc.
- Fluoropolymer coatings for wind towers, architectural features etc.
- Polyurethane coatings

Industry
- Aerospace
- Building and construction
- Industrial, mining and petrochemical
- Infrastructure (including wind towers)
- Marine and maritime
- Materials, engineering and support services

Certification/Accreditations
- ISO 9001 Quality Management System

Unique Selling Propositions and Key Partners and Programs

We partner with industry and have the ability to help set up coating lines and fine tune the coatings to suit.

We supply fluoropolymer coatings for bridges, architectural composites, facades, wind towers.

We supply UV cured coatings for composites such as end grain balsa world wide.

We have a number of interesting new developments in this area.
Company Overview

A.W. Bell is a supplier of complex metal castings with high mechanical properties for aerospace, defence, biomedical and other demanding industries.

A.W. Bell is AS9100C aerospace quality accredited and also offers rapid prototyping, precision machining, toolmaking and R&D services.

We supply such customers as BAE Systems, Northrop Grumman, ASC, Leica Biosystems, Marand, Ford and Kenworth amongst many others.

A.W. Bell is able to produce high performance parts in virtually any air-melt alloy including aluminium, stainless steel, duplex steel, high-strength low-carbon alloys, cast iron, brass and specialist bronzes.

Capabilities

Product Capabilities

- Infrastructure
- Bridge components
- Fenders
- Poles and posts
- Industrial, mining and petrochemicals
- Mining equipment
- Building and construction
- Bathroom fittings
- Façades and features
- Ground transportation
- Automotive components
- Trailers and components
- Marine and maritime
- Catamarans
- Defence vessel (component and subassembly)
- Consumer and leisure
- Furniture

Process and Service Capabilities

- Service capabilities
- Tooling and mould manufacture
- Tooling and mould design
- Prototyping services
- Non destructive evaluation
- Manufacturing process design
- CNC machining

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services
- Biomedical

Certification/ Accreditations

- AS 9100C Aerospace Quality Accredited
- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System
- Member of AIDN, ICN, SCIP program participant

Unique Selling Propositions and Key Partners and Programs

A.W. Bell uses ultra high strength materials.

Aluminium Billet Equivalent (ABE) casting process to produce world leading cast aluminium components.

Supplier to the

- ASC Collins Class Submarine remediation program
- F35 Joint Strike Fighter aircraft
- Marand F135 Engine Change Trailer

Partner of CSIRO.
Company Overview

Established in 2001, AB Marine is a small team of consulting naval architects specialising in the design of boats under 35m in length.

Using the latest computer aided techniques our qualified naval architects are ready to design, select or modify a workboat specifically for your purpose.

Photogrammetry is a new service we offer that allows us to create a 3D computer model of any existing object. This service is often useful for creating new moulds used in FRP construction.

Capabilities

Consultancy services in
- Infrastructure
- Buoyancy vessels
- Design – structural
- Fenders
- Marine and maritime
- Buoyancy vessels
- Catamarans
- Commercial vessels – passenger
- Commercial vessels – trade
- Defence vessel (component and subassembly)
- Motor powered leisure craft
- Sailing vessels – single hull
- Consumer and leisure
- Arts and design
- Caravans and camper vans
- Trailer bodies and components

Process and Service Capabilities
- Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures
- Prototyping services

Industry
- Automotive
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

We work predominately in the marine industry and have several key partners experienced in aluminium and fibreglass boat building & repair.

As design consultants we are a service based business and are flexible in what we can offer to assist manufacturers and fabricators.
Company Overview

Ability has over 60 abilox® mineral oxide powder colours. Continuing orders for these fine colourants over the 35 years of their existence has helped to make them one of the best known, most comprehensive trademarked range of colouring pigments for building materials available.

Delightful abilox® colours are used by mixing them into cement, bitumen* or resin based mixes for such things as permanent integrally coloured in situ concrete driveway pavements, concrete products, asphalt paving or coatings manufacture.

Numerous successful permanently coloured construction projects such as building forecourts, shared pathways, directional turning lanes for roads and residential courtyards has made abilox® a ‘household name’ for the architectural, engineering road designer and other building professionals.

Capabilities

Product Capabilities
- Manufacture of raw materials
- Pigments, colorants
- Surfacing materials – gelcoats, paints, polymeric clear sealers, curing compounds
- Admixtures for enhancing cement based materials
- Lightweight acrylic polymer resin

Process and Service Capabilities
- Service capabilities
- Design of composite structure repairs

Industry
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services
- Sculpture artists and makers of architectural components

Unique Selling Propositions and Key Partners and Programs

The company provides construction materials in four main areas.

These include:
- abilox® and duro® colouring powder pigments for cement, bitumen and resin based materials
- Admixtures for strengthening cement based materials, such as COSMOTRON® DPU-AC – a water reducing and cement dispersing admixture
- Long life CLEAN AIR chemical solvent free paints such as water based duro paint™ and LEVIATHAN® MATTE.
- Lightweight composite concretes called Cemlite® and Cemlite® HE (High Early) supplied as dry mixes which when added into water, mixed and placed into moulds to set and harden fully are then half the weight of normal concrete and twice as strong.

Contact
+61 3 9457 6488
service@abilityproducts.com.au
www.abilityproducts.com.au
Company Overview

Advanced Composite Structures Australia (ACS-A) is a highly awarded and recognized leader in composites innovation, assisting customers worldwide to excel in implementing composites in a variety of industries.

Established in 2008, ACS-A brings over 20 years of aerospace composites expertise, developed within the Cooperative Research Centre for Advanced Composite Structures, to commercial customers, providing specialist composites related engineering services such as engineering design, modelling, and analysis, manufacturing process and implementation projects, materials development, structural health monitoring and repair, as well as research project management.

We focus on achievement of cost-effective, practical solutions through partnership with our clients, enabling access to leading-edge products and technologies, to help develop a competitive advantage or undergo transformative change.

Capabilities

Process and Service Capabilities
- Manufacturing processes
- Autoclave curing
- Open moulding (incl. chopper gun)
- Resin transfer moulding (RTM)
- Vacuum infusion
- Service capabilities
- Analysis of composite structures
- CNC machining
- Design of composite structure repairs
- Design of composite structures
- Education and training
- Engineering certification and RPEQ services
- Inspection and repair of infrastructure with composites
- Manufacturing process design
- Non destructive evaluation
- Prototyping services

Process and Service Capabilities (cont.)
- Service capabilities (cont.)
- Provision of research and development services
- Structural health monitoring (SHM) services
- Materials development and characterisation
- Fire resistant composite materials
- Technology implementation, process analysis and optimisation
- Structural Health Monitoring using optical fibres

Industry
- Aerospace
- Materials, engineering and support services

Certification/ Accreditations
- ISO 9001 Quality Management System

Unique Selling Propositions and Key Partners and Programs

Unique knowledge and depth of experience in advanced composites technology that leverages more than 20 years of aerospace experience.

Composite Welding (TCW), eliminating fasteners and secondary bonding to enable high quality, rapid assembly of composites and metals.

Composite Fitting Attachment (COFA), allowing fittings to be attached to composite structures in a highly automated and low-cost process.

World-leading repair methods for oil and gas, pipeline and infrastructure applications.
Company Overview

Aeronaut Automation is a leading Australian manufacturer of fully automated cutting systems for industrial textiles and composites.

Cutting technologies include rotary and drag blade, oscillating blade, crush cut, laser and ultrasonic for working with carbon and glass fibre in dry or pre-preg form as well as core materials.

Aeronaut also manufactures fibre placement and ATL machines. Aeronaut develops in-house machine vision systems and software for rapid patterning, pattern nesting and machine control.

Aeronaut was started in 1992 and exports machines world-wide to businesses from NASA contractors to owner operators.

Capabilities

Product Capabilities

- Automated cutting systems
  - Rotary, drag, oscillating, crush cut, laser and ultrasonic cutters

Process and Service Capabilities

- Service capabilities
- Tooling and mould manufacture

Industry

- Aerospace
- Automotive
- Ground transportation
- Industrial, mining and petrochemical
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

Aeronaut is Australia’s only manufacturer of large scale single and low-ply automated cutting systems.

Aeronaut has an international reputation for developing new and innovative machines for a wide range of industries including marine and aerospace.

Aeronaut's in-house CNC machinery, design and software development team give the company unique abilities for rapid development and problem solving.
Company Overview

AMCE provides engineering, design, analysis & certification services for aerospace & mechanical engineering disciplines.

Using innovation and best practices, we deliver value for money engineering solutions, that enable
- ease of operation,
- ease of maintainability, and
- low through-life-support costs, whilst ensuring customer needs and expectations are met. We deliver on our promises.

Capabilities

Process and Service Capabilities
- Service capabilities
  - Analysis of composite structures
  - Design of composite structure repairs
  - Design of composite structures
  - Engineering certification and RPEQ services
  - Provision of research and development services
  - Structural health monitoring (SHM) services

Industry
- Aerospace
- Materials, engineering and support services

Certification/ Accreditations
- ISO 9001:2008 Quality Management System

Unique Selling Propositions and Key Partners and Programs

AMCE enjoys a highly successful partnership with its customers, attributed to a strong customer focus and highly professional and dedicated staff.

AMCE specialises in design development, design certification, analysis, test & evaluation, defect investigations, continued airworthiness instructions and logistics support involving airframe, systems, and propulsion.

Our company is committed to delivering cost-effective technical excellence and our engineering capabilities are broad and comprehensive.
Company Overview

Agilent is a leader in life sciences, diagnostics and applied chemical markets.

The company provides laboratories worldwide with instruments, services, consumables, applications and expertise, enabling customers to gain the insights they seek.

Agilent’s expertise and trusted collaboration give them the highest confidence in our solutions.

Agilent’s reliable and robust range of instrumentation for polymer characterization delivers fast, actionable information about the composition and response of polymers and composites.

Our suite of FTIR solutions can tackle any analytical challenge, from routine measurements and troubleshooting to cutting edge applications.

Capabilities

Process and Service Capabilities

- Service capabilities
- Manufacturer of test and measurement equipment
- Non destructive evaluation

Industry

- Aerospace
- Automotive
- Industrial, mining and petrochemical
- Materials, engineering and support services
- Life sciences, diagnostics and applied chemicals

Certification/ Accreditations

- ISO 9001:2008 Quality Management system
- ISO 14001:2004 Environmental System Management

Unique Selling Propositions and Key Partners and Programs

Agilent’s Mobile and Routine FTIR Portfolio

The world’s smallest, robust benchtop FTIR and portable analysers offer a simplified workflow regardless of the physical size or location of the sample.

In the field or in the lab, the ExoScan Mobile FTIR is used to make valuable measurements on the spot, with no sample preparation.

The ExoScan accurately and non-destructively measures a wide variety of materials include polymers, composites, and coatings of all types. Being handheld, it is used to measure large and immovable objects in-situ.
Company Overview

Airspeed, an Australian company designing and building in composite materials for aerospace, maritime & energy-related projects.

Our design capabilities encompass all aspects of engineering design pertaining to composite materials including Finite Element Analysis, Computational Fluid Dynamics and RF Transmissivity Analysis coupled with demonstrated proficiencies in Test & Evaluation.

Our composites manufacturing, or ‘build’, capabilities include multi-axis filament winding, autoclaved, vacuum-bagged & oven-cured laminates and resin infusion using carbon, aramid and glass fibres.

Airspeed has successfully undertaken a range of special projects varying from submarine lightweight replacement structure through to radioactive waste storage containers.

The projects combine our engineering design skills with our composites manufacturing capabilities to produce unique solutions for demanding customer applications.

Capabilities

Product Capabilities

- Infrastructure
  - Design – structural
- Industrial, mining and petrochemicals
  - Pressure vessels
  - Radomes
- Marine and maritime
  - Defence vessel (component and subassembly)
  - Masts, keels and boat accessories
  - Underwater (ROV, dive vessels)

Process and Service Capabilities

- Manufacturing processes
- Autoclave curing
- Continuous laminating
- Filament winding
- Vacuum infusion
- Service capabilities
  - Analysis of composite structures
  - CNC machining
  - Design of composite structure repairs
  - Design of composite structures
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites
  - Manufacturing process design
  - Prototyping services
  - Provision of research and development services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Aerospace
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services
- Energy related projects

Certification/ Accreditations

- ISO 9001:2008 Quality Management System
Company Overview

Allplastics Engineering is a privately owned Australian company with a wide range of engineering; architectural and building plastics as well as associated services such as CNC machining; CNC routing; fabrication; diamond edge polishing.

Materials include nylon; PTFE; acetal; HDPE; polypropylene; acrylic; polycarbonate; ABS; polyurethane; PETP; PEEK; ACM (aluminium composite) and design composite translucent polycarbonate panels (AIR BOARD; PEP CORE and STAGE).

Capabilities

Product Capabilities
- Infrastructure
- Fenders
- Industrial, mining and petrochemicals
  - Rods
- Building and construction
  - Façades and features
  - Roofing
  - Sheeting—flat
- Ground transportation
  - Trailers and components
- Marine and maritime
  - Defence vessel (component and subassembly)
  - Masts, keels and boat accessories
- Consumer and leisure
  - Arts and design
  - Caravans and camper vans
  - Film sets
  - Horse floats
  - Trailer bodies and components
- Manufacture of raw materials
  - Bonding materials, adhesives
  - Core materials

Process and Service Capabilities
- Service capabilities
- CNC machining

Industry
- Building and construction
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

Allplastics distributes design composite panels manufactured from polycarbonate for applications where lightweight yet rigid panels are required for decorative panels.

Also STAGE Pep Core panels that can support 500 kg per square metre for floor and roofing applications.
Company Overview

We manufacture a range of fishing reels and accessories.

Within our manufacturing facility we mould glass reinforced dough moulding compounds into reel components and into other industrial products mainly for the sand mining industry.

Our largest machine has a platten area approx 500mm x 500mm. We also can provide post moulding operations to finish the product.

Capabilities

Product Capabilities
- Consumer and leisure
- Fishing Reel Components

Process and Service Capabilities
- Manufacturing processes
  - Injection moulding
  - Compression moulding

Industry
- Industrial, mining and petrochemical
- Consumer and leisure (sporting goods)

Unique Selling Propositions and Key Partners and Programs

We are ideally set up for shorter runs of product which can suit many customers while developing a final product.

200 unit runs are not a problem. Based in Brisbane we can service anywhere in Australia and we already export product as well.
Company Overview

Ampelite is the largest and most experienced fibreglass and polycarbonate roof sheet manufacturer and distributor throughout Australia, New Zealand and Asia.

The company commenced production from humble beginnings out of Melbourne in 1969, and today operates from offices and warehouses in all mainland states of Australia, New Zealand, Thailand, Malaysia and China.

The company provides for the production and development of plastic roof sheeting and natural ventilation products in industrial, commercial and residential markets.

Capabilities

Product Capabilities
- Building and construction
- Façades and features
- Roofing
- Sheeting – flat
- Major distributor of
  - Profiled polycarbonate sheeting
  - Multiwall polycarbonate products.

Process and Service Capabilities
- Manufacturing processes
  - Pultrusion

Industry
- Building and construction
- Industrial, mining and petrochemical

Certification/ Accreditations
- ISO 9001:2002 Quality Management System
- AS 4256.3:1994
- AS/NZS 1562.3: 2006
Company Overview

ATL Composites holds a strong and successful position as an epoxy formulator.

ATL Composites is a leading supplier of advanced composite materials and engineering for the construction of high performance, lightweight structures for the marine, automotive, architectural, civil and industrial tooling markets.

For 35 years, ATL has based it's business on interactive customer service, and extensive research and development, to develop easily processed, cost effective products to optimise performance and reduced production time for our clients.

Capabilities

Product Capabilities

- Manufacture of raw materials
  - Resins - coating
  - Resins – thermoset – epoxy
- Supplier of raw materials
  - Bonding materials, adhesives
  - Carbon fibre reinforcements
  - Core materials
  - Gelcoats, flowcoats
  - Glass fibre reinforcements
  - Pigments, Colorants
  - Surfacing materials – gelcoats, paints, polymeric products

Process and Service Capabilities

- Service capabilities
  - Design of composite structures
  - Design of composite structure repairs
  - CNC machining
  - Analysis of composite structures

Industry

- Materials, engineering and support services
- Marine and maritime
- Industrial, mining and petrochemical
- Ground transportation
- Consumer and leisure (incl. sports)
- Building and construction
- Automotive

Unique Selling Propositions and Key Partners and Programs

While remaining a leading supplier to the high performance yachting market, ATL Composites has used their knowledge in the performance of composite materials to diversify into other industries where there is also a demand for lighter, stronger, stiffer, more durable structures.

Composite materials and engineering services are being provided for the manufacture of commercial ferries, road and rail transportation, industrial and architectural applications, resulting in improved performance and reduced production time. While specifically formulated liquid and filled epoxy systems are now supplied into the specialised fields of industrial tooling, electrical encapsulation, mining and automotive applications.
Company Overview

Aus-Tech Composites has developed a network of suppliers with global supply chains, technologies and world standards, with continual development of processes, products and equipment.

Well known for its capabilities in the wind turbine market, Aus-Tech Composites is the first and only company in Australia to build the narcelle housings which have been placed all over the world and in Australia for Vestas (Denmark).

Aus-Tech Composites is also a supplier of composite and plastic mould parts for the recreational vehicle market.

Capabilities

Product Capabilities
- Infrastructure
  - Wind turbine blades/components
- Ground transportation
  - Composite repair of vehicles
- Automotive components
- Consumer and leisure
  - Caravans and camper vans

Manufacturing processes
- Open moulding (incl. chopper gun)
- Resin transfer moulding (RTM)
- Vacuum infusion

Service capabilities
- CNC machining
- Tooling and mould manufacture

Industry
- Automotive
- Consumer and leisure

Process and Service Capabilities

Certification/ Accreditations
- Previously held compliant to
  - ISO 9001 Quality Management System
  - ISO 14000 Environmental Management System

Unique Selling Propositions and Key Partners and Programs

Australia's only company to fabricate large scale wind turbine housings for Vestas international.

Robotic machining, thermoforming, all composite manufacture including knowledge in RTM, light RTM and vacuum bagging.
Company Overview

Ayres Composite Panels is a world leader in lightweight material primarily for the marine industry as well as for special acoustic lightweight solutions. The company was established in 1996 in Bayswater, WA and has been distributing their products throughout the world ever since. Their American facility looks after the North / South American Market.

Ayres main focus are products based on Aluminium Honeycomb Core combined with different facing material.

Three brands AYRLITE®, SONIUM® and VENTURELITE® lead the way in marine and acoustic applications as well as some areas within the transport & industry sector.

Capabilities

Product Capabilities
- Industrial, mining and petrochemicals
- Mining equipment
- Building and construction
- Modular structures
- Façades and features
- Ground transportation
- Automotive components
- Trailers and components
- Truck and bus panels
- Rail car panels
- Marine and maritime
- Sailing vessels – single hull
- Catamarans
- Commercial vessels – passenger
- Commercial vessels – trade
- Defence vessel (component and subassembly)
- Consumer and leisure
- Trailer bodies and components
- Horse floats
- Furniture
- Caravans and camper vans
- Arts and design

Process and Service Capabilities
- Service capabilities
- CNC machining
- Prototyping services

Industry
- Marine and maritime
- Infrastructure
- Industrial, mining and petrochemical
- Ground transportation
- Building and construction
- Automotive
- Aerospace

Certification/Accreditations
- ISO 9001 Quality Management Systems

Unique Selling Propositions and Key Partners and Programs

Ayres Composite Panels will provide the lightest and strongest solution based on product requirement and application.
Company Overview

BAC is a one-stop shop for design, analysis, tooling, manufacture, repair and maintenance of fibre composite products and structures.

Our capabilities and experience cover civil, architectural, marine, transport, recreational, aeronautical, and medical retrieval markets.

We have over 20 years experience in designing and manufacturing to solve problems or to meet specifications using fibre composite materials.

Our products include fibre composite pedestrian and road bridges, bridge structural components as well as boardwalks.

Capabilities

Product Capabilities

- Infrastructure
  - Bridge components
  - Bridge repair and upgrade
  - Poles and posts
- Industrial, mining and petrochemicals
  - Mining ducts & vents
  - Pipe repair
  - Pressure vessels
  - Radomes
  - Tanks
- Building and construction
  - Modular structures
  - Roofing
  - Sheeting – flat
  - Sheeting – modular
  - Structural members
- Ground transportation
  - Composite repair of vehicles
  - Energy absorbing structures
  - Fireproof structures
  - Large structural elements
  - Rail car panels
  - Tankers
  - Truck and bus panels
  - Truck bodies

Product Capabilities (cont.)

- Infrastructure
  - Buoyancy vessels
  - Catamarans
  - Defence vessel (component and subassembly)
  - Masts, keels and boat accessories
  - Motor powered leisure craft
  - Runabout / dinghy
- Consumer and leisure
  - Arts and design
  - Caravans and camper vans
  - Film sets

Process and Service Capabilities

- Manufacturing processes
  - Open moulding (incl. chopper gun)
  - Resin transfer moulding (RTM)
  - Vacuum infusion
- Service capabilities
  - Analysis of composite structures
  - CNC machining
  - Design of composite structure repairs
- Inspection and repair of composite structures

Process and Service Capabilities (cont.)

- Service capabilities
  - Inspection and repair of infrastructure with composites
  - Prototyping services
  - Provision of research and development services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure

Certification/ Accreditations

- ISO 9001 Quality Management Systems

Contact
+61 7 4633 1856
bac@bac.net.au

www.bac.net.au
Company Overview

Banister Marine are a family-owned company servicing the Newcastle and Lake Macquarie areas and beyond.

We have more than 40 years experience in quality boat repairs and fibreglass fabrications.

We are an NRMA and Club Marine preferred repairer and a member of several boating and shipwright associations.

We pride ourselves on our superior craftsmanship – we do the job right, first time!

Capabilities

Product Capabilities

- Ground transportation
- Rail car panels
- Marine and maritime
  - Motor powered leisure craft
  - Runabout / dinghy
  - Sailing vessels – single hull
  - Skiffs and small competition boats

Process and Service Capabilities

- Manufacturing processes
  - Open moulding (incl. chopper gun)
  - Vacuum infusion
- Service capabilities
  - Inspection and repair of composite structures
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Marine

Unique Selling Propositions and Key Partners and Programs

Banister Marine’s results speak for themselves. We have built Australian title holding boats, prize winning race cars and show cars competed in build-a-boat competition both in Australia and abroad. We have currently built boats that have won Bridge to Bridges and travel at speeds in excess of 130mph.

When it comes to quality and standing by our workmanship, Banister Marine purchases only quality materials and only employs qualified trades people.

We work in conjunction with technicians, engineers and chemists that are the best in their field. With this combination we maintain the highest standard.

Banister Marine is always striving to remain at the forefront of composite repair and service to our customers is our primary focus.
Company Overview

Beza Patterns’ vastly experienced pattern makers have worked with the plastic moulding, aluminium machining and metal forming industries for over 30 years.

Servicing a variety of industries including automotive, packaging, electronics, white goods and composite manufacturers. We use the most advanced CAD/CAM design and digital 3D scanning facilities to provide a fast, efficient product design and development service.

Not only do we manufacture plastic prototypes for use in product testing and in displays, we perform all types of soft tooling, including aluminium machining and creating fixtures and gauges for a wide range of industries.

Capabilities

Product Capabilities
- Ground transportation
- Automotive components
- Consumer and leisure
- Arts and design

Process and Service Capabilities
- Manufacturing processes
  - Open moulding (incl. chopper gun)
- Service capabilities
  - CNC machining

Industry
- Automotive
- Building and construction
- Consumer and leisure

Unique Selling Propositions and Key Partners and Programs

From initial concept through to aluminium or plastic prototypes, we can assist at every step of product design and development. State-of-the-art software and hardware allows us to meet the demands of a diverse range of contracts, from precision milling to large format jobs.

To do this, we draw upon our in-house advanced software and digital 3D scanning equipment, along with the skills of pattern makers with extensive experience in soft tooling and aluminium machining.
Company Overview

Australian and New Zealand Agent for Owens Corning Glass Fibre Reinforcements business.

We have the product, market, application knowledge and experience to offer you the most beneficial glass fibre reinforcement solution for your application, by bringing access to global innovation in glass fibre reinforcement solutions to our markets.

Capabilities

Product Capabilities
- Supplier of raw materials
- Glass fibre reinforcements

Industry
- Materials, engineering and support services
- Marine and maritime
- Infrastructure
- Industrial, mining and petrochemical
- Ground transportation
- Consumer and leisure
- Building and construction
- Automotive
- Aerospace

Unique Selling Propositions and Key Partners and Programs

As local Agent for Owens Corning Glass Fibre Reinforcements business we bring a history of global product development, application development, and innovation to the Australian and New Zealand markets.
Company Overview

We manufacture a range of epoxy and polyurethane products specially designed for optimum results in boat building. Every one of these products has decisive advantages and benefits to the end user over the older formulations offered by our competitors.

We offer best in class products for other applications in wood working, sculpturing and craftwork.

Capabilities

Product Capabilities
- Manufacture of raw materials
  - Resins – thermostet – epoxy
  - Polyurethane elastomer materials
  - Additives
  - Hardeners
- Supplier of raw materials
  - Bonding materials, adhesives
  - Carbon fibre reinforcements
  - Core materials
  - Gelcoats, flowcoats
  - Glass fibre reinforcements
  - Pigments, Colorants
  - Resins - coating
  - Surfacing materials – gelcoats, paints, polymeric products

Industry
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

Boatcraft Pacific has an emphasis on the Bote-Cote epoxy system (which is safer to use than most others), the extremely long lived and scratch resistant Aquacote Water based two pack polyurethane paint system, a wide range of glass and carbon reinforcement fabrics and Australia's widest range of marine plywoods.
Company Overview

We are a diverse engineering and construction company that services the oil, gas, mining, defence and infrastructure markets with a special focus on composite materials used for piping systems, structures and ballistic applications.

We have completed major turnkey packages up to the value of AU$16 million.

Our special knowledge of GRE, GRVE, Phenolic and PE fibreglass piping systems is unmatched in Australia!

Capabilities

Product Capabilities
- Infrastructure
  - Bridge components
  - Bridge repair and upgrade
  - Design – structural
  - Pipe liners
  - Pipes
  - Risers
- Industrial, mining and petrochemicals
  - Mining ducts & vents
  - Mining equipment
  - Pipe
  - Pipe repair
  - Pits and pit lids
  - Tanks
- Building and construction
  - Structural members
  - Sheet ing – modular
  - Roofing
  - Modular structures
  - Façades and features
- Marine and maritime
  - Defence vessel (component and subassembly)
  - Runabout / dinghy

Process and Service Capabilities
- Manufacturing processes
- Autoclave curing
- Filament winding
- Pultrusion
- Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures
- Inspection and repair of composite structures
- Inspection and repair of infrastructure with composites
- Non destructive evaluation

Industry
- Marine and maritime
- Materials, engineering and support services
- Infrastructure
- Industrial, mining and petrochemical
- Building and construction
- Defence

Certification/ Accreditations
- ISO 9001:2008 Quality Management System
- ISO 14001 Environment Management System
- ISO 14692 Part 4; AS 4901

Unique Selling Propositions and Key Partners and Programs

We provide turnkey solutions for customers who are looking to composite piping or structural systems to overcome a problem or increase efficiency in their process plant.

We design and construct life saving anti-ballistic buildings and anti-terrorist elevated assault platforms for frontline use.

Our range of composite products and associated services for the oil and gas industry, both onshore and offshore, is unequalled.
Company Overview

Bruck offers a range of high performance technical textiles that are manufactured in Wangaratta Victoria at the facility operated by Australian Textile Mills, an associate company.

From the yarn stage, the Wangaratta production capability is fully vertical.

Bruck has the capability to manufacture fabrics that are suitable for composites and is currently working on a range of Basalt fabrics which will then lead onto development work for Carbon fabrics.

Capabilities

Product Capabilities
- Manufacture of raw materials
  - Core materials
  - Fibres and textiles

Industry
- Automotive
- Building and construction
- Industrial, mining and petrochemical
- Materials, engineering and support services

Certification/ Accreditations
- ISO 9001:2008 Quality Management System

Unique Selling Propositions and Key Partners and Programs

Bruck offers local supply of Australian made fabrics and the potential to offer stock service to reduce lead times and also to reduce inventory cost to its clients.

There is also the potential for customised manufacture of fabrics to meet a certain performance requirement.
Company Overview

We specialise in importing, manufacturing, wholesaling and retailing carbon fiber and aramid products.

Our range and online shop has been structured to cater for everyone from carbon fiber beginners right through to experienced operators.

We understand that many people are experimenting with carbon fiber and resins for the first time.

Our mission, besides having fun, is to provide the best possible personalised service where customers feel free to pick up the phone and have all their questions answered before making an order.

Capabilities

Product Capabilities

- Supply of raw materials
- Bonding materials, adhesives
- Carbon fibre reinforcements
- Resins – coating
- Resins – thermoplastic
- Resins – thermoset – epoxy
- Surfacing materials - fibrous

Process and Service Capabilities

- Service capabilities
- CNC machining
- Design of composite structures
- Inspection and repair of composite structures
- Manufacturing process design
- Prototyping services

Industry

- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support service

Unique Selling Propositions and Key Partners and Programs

Carbon Fiber Australia is the nation’s sole distributor of chop strand carbon fibre. A suitable product for complex composite forms.
Company Overview

Carbon Nexus is a globally unique carbon fibre and composites research facility operated by Deakin University.

Carbon Nexus provides world-class innovation in fibre and composites solutions, offering research, development, training and consulting in all aspects of precursor, carbon fibre and composites production.

We offer advanced characterisation and analysis techniques and develop innovative manufacturing concepts.

Carbon Nexus works closely with industry to achieve innovative, product-focused high-value outcomes.

Situated at Deakin University’s Waurn Ponds Campus, close to Melbourne, Carbon Nexus operates a state-of-the-art multi-tow Carbon Fibre Pilot Line of 50-100 tonnes per annum capacity which is complemented by a Single-tow Carbon Fibre Research Line to enhance research efficiency.

Capabilities

Research Capabilities in

- Infrastructure
  - Bridge repair and upgrade
  - Design – structural
  - Pipes
  - Rebar – corrosion resistant
- Industrial, mining and petrochemicals
  - Pipe
  - Rods
  - Tanks
- Building and construction
  - Materials – polymer concrete
  - Structural members
- Ground transportation
  - Automotive components
  - Energy absorbing structures
  - Simulation – occupant protection
  - Simulation – structural design
- Manufacture of raw materials
  - Carbon fibre reinforcements
  - Resins – thermoset – epoxy

Process and Service Capabilities

- Manufacturing processes
- Compression moulding
- Resin transfer moulding (RTM)
- Vacuum infusion
- Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures
- Education and training
- Manufacturing process design
- Non destructive evaluation
- Prototyping services
- Provision of research and development services
- Tooling and mould design

Industry

- Aerospace
- Automotive
- Building and construction
- Industrial, mining and petrochemical
- Infrastructure
- Materials, engineering and support services

Certification/ Accreditations

- ISO 9001:2008 Quality Management System (carbon fibre production area and training capabilities)

Unique Selling Propositions and Key Partners and Programs

Carbon fibre research activities are focused on four key themes:
1. Low-cost carbon fibre
2. High-performance carbon fibre
3. Novel surface treatment and sizing
4. Rapid cure of composites

Key industry partners of Carbon Nexus include the following companies:
- Dow Aksa
- Ford Motor Company
- Boeing
- Quickstep
- Carbon Revolution
- VCAMM
Company Overview
Carbon-Works provides professional engineering services to the mining, yachting, automotive and general industries; particularly involving composite structures, metal replacement and lightweight projects.

Carbon-Works proprietor Peter Schwarzel is a registered engineer in Queensland and provides certification and validation services for appropriate projects.

Carbon-Works has a full range of CAD and FEA packages including solid modelling and surface modelling expertise.

Peter is well known for his innovative and effective problem solving skills. No problem is too hard or too small.

Capabilities
Product Capabilities
- Consultancy in the fields
  - Infrastructure
  - Industrial, mining and petrochemicals
  - Building and construction
  - Ground transportation
  - Marine and maritime
  - Consumer and leisure

Industry
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemicals
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs
Engineering services which are independent of material supplier influence.
Company Overview

Centre Tooling have developed an envied reputation as custom manufacturers with an emphasis on plastic injection moulds, composite tooling, production CNC machining, prototypes, jigs and fixtures.

We have developed a customer partnering process that enables us to provide our multi national client base of blue chip companies with the highest manufacturing quality capabilities.

Through a combination of our highly skilled workforce and state of the art 3D CAD/CAM processes we provide the ultimate in custom manufacturing for the automotive, mining, aerospace, defence and related manufacturing industry groups.

Capabilities

Product Capabilities
- Building and construction
- Bathroom fittings
- Ground transportation
- Automotive components
- Rail car panels
- Truck and bus panels
- Truck bodies
- Marine and maritime
- Defence vessel (component and subassembly)
- Consumer and leisure
  - Caravans and camper vans
  - Helmets

Process and Service Capabilities
- Manufacturing processes
- Compression moulding
- Rotational moulding
- Open moulding (incl. chopper gun)
- Service capabilities
- CNC machining
- Prototyping services
- Tooling and mould design
- Tooling and mould manufacture

Industry
- Aerospace
- Automotive
- Building and construction
- Ground transportation
- Industrial, mining and petrochemical

Certification/ Accreditations
- ISO 9001 Quality Management System

Unique Selling Propositions and Key Partners and Programs
Centre Tooling provides manufacture tooling for automotive composite panels and components.
Company Overview
Chem-Trend: Chemlease® and Zyvax® products enhance efficiency in composite moulding operations.

Our range of products for composites moulding offer extreme value through their combination of advanced technology, ease of application and positive impact on operational efficiency.

A variety of products have been developed to work together as a Complete System, addressing the wide range of composite moulding applications and challenges.

Our extensive range of products including Cleaners, Primers, Sealers and Release Agents are specifically designed to clean, enhance and protect your composites tooling from chemical and physical damage that occurs during the molding process.

We provide ample opportunity to find the right solution to your toughest composites moulding challenges.

Capabilities
Product Capabilities
- Mould Releases
- Mould Sealers
- Mould Primers
- Mould Cleaners

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Certification/ Accreditations
- AS 9100C
- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System
- OHSAS 18001
- QHSE Policy

Unique Selling Propositions and Key Partners and Programs
Chem-Trend is a global leader in the development, production and supply of specialized mold release agents.
Company Overview

Colan Products is a wholly owned Australian company, established 61 years ago to develop and manufacture in Australia a diverse range of quality textiles for the composite reinforcement market.

Being fiercely independent and justifiably proud of our contribution to the Australian composites industry, we have experience in servicing market segments as diverse as marine, aeronautical, transport, engineering, defence and recreation.

We have supplied reinforcements for all types of watercraft from mine hunters and naval ships through to sailboards, surfboards and yachts, defence and pleasure aircraft, automotive and electronic industries, dry freight, refrigerated semitrailers and shipping containers, building facade and structural panels, pipes and storage tanks for both agricultural and industrial use.

Capabilities

Product Capabilities
- Manufacture and supply:
  - Woven & Stitched reinforcements
  - Cloths, Multiaxials & Tapes
  - Non-Woven, CSM & Veil
- Fibres available:
  - E-Glass
  - Carbon
  - Aramid (Kevlar)
  - Innegra
  - Basalt
  - Polyester

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Certification/Accreditations
- Colan Products is an approved ISO 9001 supplier - AS/NZS/ISO9001:2008, BS, ASTM and US MIL SPEC.

Unique Selling Propositions and Key Partners and Programs

We have the capability to produce custom designed reinforcements from all fibres or hybrids if required.

Colan's experience and expertise has been built over many years in the composite reinforcement industry.

Today's technology provides a greater selection of man-made fibres than ever before, with increased performance characteristics.

Our product development program, driven by our clients’ requirements is well placed to provide leading solutions to the industry’s future fabric requirements.
Company Overview

Composite and Plastic Solutions primary business is industrial FRP, servicing; mines, refineries and water treatment plants with on site repairs, maintenance and installation of FRP components as well as concrete protection from acids and alkali’s.

We manufacture corrosion resistant tanks, pipes, pipe fittings (flanges, elbows, tees, reducers, spools etc) ducting, launders, settlers and many other fibre glass components for aggressive corrosive environments.

While industrial applications of fibre glass reinforced polymer is our specialty we also do boat repairs and modifications, pool resurfacing and general FRP work.

Capabilities

Product Capabilities

- Infrastructure
- Buoyancy vessels
- Design – structural
- Pipe liners
- Pipes
- Poles and posts
- Industrial, mining and petrochemicals
- Mining ducts & vents
- Pipe
- Pipe repair
- Pits and pit lids
- Polymer concrete
- Pressure vessels
- Radomes
- Tanks
- Building and construction
- Bathroom fittings
- Modular structures
- Sheeting – flat
- Structural members
- Ground transportation
- Tankers
- Truck bodies

Product Capabilities (cont.)

- Consumer and leisure
- Arts and design
- Caravans and camper vans
- Furniture
- Horse floats
- Spas, pools and accessories
- Trailer bodies and components

Process and Service Capabilities

- Manufacturing processes
- Filament winding
- Open moulding (incl. chopper gun)
- Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures
- Engineering certification and RPEQ services
- Inspection and repair of composite structures
- Inspection and repair of infrastructure with composites
- Non destructive evaluation
- Provision of research and development services
- Tooling and mould design
- Tooling and mould manufacture

Industry

- Building and construction
- Consumer and leisure
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

Our unique selling proposition is our location in Townsville QN as we are a days drive to most of Queensland's mining areas, we have a friendly knowledgeable staff and we go out of our way to deliver on time.

We also have a close working relationship with Oceania Composites from where we get engineering advice.
Company Overview

Composite Components are an award winning manufacturer of advanced composite structures for land, sea, air and medical applications.

We have 600sqm for assembly of projects, a temperature controlled clean room, two high temperature ovens for curing and post curing of assemblies and a dedicated trimming and drilling room to maintain a clean and dust free environment to work in.

We use advanced pre-impregnated fabrics including carbon, kevlar and glass fibres. Using clean methods of manufacture such as pre preg laminating, RTM and vacuum infusion, we deliver the highest quality parts to our customers.

Capabilities

Product Capabilities
- Infrastructure
  - Buoyancy vessels
  - Design – structural
  - Wind turbine blades/components
- Industrial, mining and petrochemicals
- Radomes
- Marine and maritime
  - Buoyancy vessels
  - Defence vessel (component and subassembly)
  - Skiffs and small competition boats
- Underwater (ROV, dive vessels)
- Consumer and leisure
  - Arts and design
  - Furniture

Process and Service Capabilities
- Manufacturing processes
  - Compression moulding
  - Continuous laminating
  - Filament winding
  - Resin transfer moulding (RTM)
  - Vacuum infusion
  - 3D printing, 6m x 2m cnc cutter plotter laminate cutting (uncured)
- Service capabilities
  - Design of composite structures
  - Manufacturing process design
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture

Unique Selling Propositions and Key Partners and Programs

We have in house CAD capability and create computer models for master patterns, moulds or further computer analysis eg: CFD or FEA.

Embracing 3D technology, we maximise the benefits that CAD/CAM/FEA/CFD and other computer analysis can create.

Additionally we designed and built a CNC cutter plotter measuring 6m x 2m to accurately plot and cut our reinforcement materials for production runs generated from the CAD/CAM software.

We also make extensive use of our (3) 3D FDM plastic printers, we use them for prototyping, master patterns, full size accurate moulds and scale models.
Company Overview

Composite Materials Engineering (CME) is a specialist composites business.

All of our products are manufactured in Australia, at our headquarters in Melbourne.

We formulate, manufacture and compression mould long glass fibre composite materials.

Our philosophy is to be the leader in composite materials and to develop the technology to ensure our customer receives the most up to date technology available.

Capabilities

Product Capabilities

- Infrastructure
  - Bridge components
- Industrial, mining and petrochemicals
  - Mining equipment
  - Pits and pit lids
  - Radomes
  - Tanks
- Building and construction
  - Bathroom fittings
  - Façades and features
  - Modular structures
  - Roofing
  - Sheeting – flat
  - Sheeting – modular
- Ground transportation
  - Automotive components
  - Energy absorbing structures
  - Fireproof structures
  - Large structural elements
  - Rail car panels
  - Trailers and components
  - Truck and bus panels
  - Truck bodies

Product Capabilities (cont.)

- Consumer and leisure
  - Caravans and camper vans
  - Furniture
  - Helmets
- Manufacture of raw materials
  - Resins – thermostet – unsaturated polyester
  - Resins – thermostet – vinyl ester

Process and Service Capabilities

- Manufacturing processes
  - Compression moulding
- Service capabilities
  - Design of composite structures
  - Manufacturing process design
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Materials, engineering and support services

Certification/ Accreditations

- ISO 9001 Quality Management System
- ISO 14001 Environmental Management System
Company Overview

Suppliers of pultruded composite sections such as rods, angle, channel, box section, tubes and beams.

Manufacturers of hand rails, ladders, platforms and specialist support structures.

Suppliers of moulded and pultruded grating and anti slip products.

Suppliers of specialist reinforcing bars and frames for concrete.

Capabilities

Product Capabilities

- Infrastructure
  - Bridge components
  - Bridge repair and upgrade
  - Design – structural
  - Poles and posts
  - Rebar – corrosion resistant
- Industrial, mining and petrochemicals
  - Pits and pit lids
  - Rods
- Building and construction
  - Modular structures
  - Structural members
- Marine and maritime
  - Boardwalk and pier remediation products
- Consumer and leisure
  - Arts and design
  - Canopy support rods

Process and Service Capabilities

- Manufacturing processes
  - Filament winding
  - Open moulding (incl. chopper gun)
  - Pultrusion
- Service capabilities
  - Analysis of composite structures
  - Design of composite structure repairs
  - Design of composite structures
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites

Industry

- Building and construction
- Consumer and leisure
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

Via our sister company we have the capability to design products and provide advice on solutions to problems by utilising many types of composite manufacturing techniques.

These range from pultrusion, filament winding, hand lay, compression moulding, casting, bonding and machining.

We always look at the whole picture and provide solutions that best meet client requirements even to the point where we may propose materials other than composites if it is more suitable and cost effective.
Company Overview

Established in 2011, CRS is West Australian based and operated. We specialise in FRP products for the construction industry.

We work with a multitude of highly skilled professional engineering companies throughout Australia and are capable of providing our products to end users to meet their specific project requirements.

CRS has two decades of experience in the building industry and have been in constant liaison with different professionals in the industry.

At CRS we’ll strive to improve, develop and promote products that will make a difference in the building industry and a positive contribution to the environment and community.

We firmly believe in supporting local businesses and have been working with highly skilled professionals based in WA and over the Eastern state for the last few years.

Capabilities

Product Capabilities

- Infrastructure
  - Bridge components
  - Bridge repair and upgrade
  - Design – structural
  - Rebar – corrosion resistant
  - Sea walls
- Industrial, mining and petrochemicals
  - Polymer concrete
- Building and construction
  - Materials – polymer concrete
  - Modular structures
  - Structural members

Process and Service Capabilities

- Manufacturing processes
  - Pultrusion

Industry

- Building and construction
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

We value the opinions of the professionals we engage with which will assist in the ongoing growth of CRS.

Our reinforcement members have superior quality and properties in comparison to steel reinforcements, with greater tensile strength, non-corrosive and light weight features.

CRS reinforcements allow for the manufacturing of hollow core slab, walls, panels and more; in situ and precast.
Company Overview

Composites Constructions is a leading boat building, boat maintenance, and custom composite components manufacturer based in Melbourne, Australia.

Composites Constructions employs a small team of dedicated tradesmen, whose expertise includes specialised areas (i.e. custom boat building, components, keel and rudder fabrication).

Owner/operator Stephen Campbell has over 25 years experience building hi-tech boats, maintaining and refitting boats, and manufacturing composite components.

Stephen and his team services private and commercial clients, and manufacture composite components for clients across a wide range of industries, including; sophisticated aircraft components; the transport industry (including public transport and marine) and industrial architecture.

Capabilities

Product Capabilities
- Infrastructure
- Bridge components
- Building and construction
- Façades and features
- Marine and maritime
- Sailing vessels – single hull
- Motor powered leisure craft
- Masts, keels and boat accessories
- Catamarans
- Consumer and leisure
- Caravans and camper vans
- Trailer bodies and components

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Marine and maritime

Certification/ Accreditations
- SCC currently has its own in-house quality system
- ISO 9001:2008 Quality Management System
Company Overview

CCG is an independently operated business unit owned by the DIAB Group, specialising in structural engineering for composite designs.

We are a global team of 30 engineers based in 3 main regions of Asia, Europe and America.

Our team is a mix of Naval Architects, Materials Science, Aeronautical and Process engineers.

We work with metallic and non metallic designs and can handle integration of the two types of materials if used in a design.

Capabilities

Process and Service Capabilities

- Service capabilities
  - Analysis of composite structures
  - Design of composite structure repairs
  - Design of composite structures
  - Education and training
  - Engineering certification and RPEQ services
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites
  - Manufacturing process design
  - Non destructive evaluation
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

CCG are able to offer a structural design and processing support service, ensuring projects can meet their objectives; on time, on budget and on weight requirements.
Company Overview

Corrosion Technology Australia Group is a market leader in designing, developing and manufacturing advanced composites for industry. Established in 1991, we are recognised for our high standards in quality, design and customer service.

CTA are specialists in their field, incorporating within a body of organisations, integrated solutions to the utilities, chemical processing and industrial sectors.

Our passion for quality, superlative customer service and efficiency is unmatched within the composites industry.

Capabilities

Product Capabilities

- Infrastructure
  - Bridge components
  - Bridge repair and upgrade
  - Buoyancy vessels
  - Design – structural
  - Pipes (Infrastructure)
  - Poles and posts
- Industrial, mining and petrochemical
  - Mining and odour control ducts & vents
  - Pipes
  - Pipe repair
  - Covers, pits and pit lids
  - Pressure vessels
  - Radomes
  - Tanks
- Building and construction
  - Façades and features
  - Modular structures
  - Structural members
- Ground transportation
  - Composite repair of vehicles
  - Large structural elements
- Marine maritime
  - Defence vessel (component and subassembly)
  - Chemical process equipment

Process and Service Capabilities

- Manufacturing processes
  - Filament winding
  - Open moulding (incl. chopper gun)
- Service capabilities
  - Analysis of composite structures
  - Design of composite structure repairs
  - Design of composite structures
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites
  - Manufacturing process design
  - Non destructive evaluation
  - Prototyping services
  - Provision of research and development services
  - Tooling and mould manufacture

Unique Selling Propositions and Key Partners and Programs

CTA has access to and agreements with numerous overseas manufacturers and suppliers of quality specialist products in the composites and plastic component sectors for use in oil and gas, infrastructure and civil works.

Via our sister company we have the capability to design products and provide advice on solutions to problems by utilising many types of composite manufacturing techniques.

These range from pultrusion, filament winding, had lay, compression moulding, casting, bonding and machining.

We always look at the whole picture and provide solutions that best meet client requirements even to the point where we may propose materials other than composites if it is more suitable and cost effective.
Company Overview
Craft Fibreglass Composites is an innovative market leader in the design, development and manufacture of high quality fibreglass and composite components for a range of industrial and commercial applications.

Offering personalised service coupled with the latest technologies and state-of-the-art equipment; we pride ourselves on producing quality products that not only meet but exceed our customers expectations. Your success is our primary objective.

Capabilities
Product Capabilities
- Infrastructure
- Wind turbine blades/components
- Industrial, mining and petrochemicals
- Pits and pit lids
- Radomes
- Tanks
- Ground transportation
- Automotive components
- Composite repair of vehicles
- Rail car panels
- Marine and maritime
- Defence vessel (component and subassembly)
- Masts, keels and boat accessories
- Consumer and leisure
- Arts and design
- Caravans and camper vans
- Film sets
- Furniture

Process and Service Capabilities
- Manufacturing processes
  - Open moulding (incl. chopper gun)
  - Resin transfer moulding (RTM)
  - Vacuum infusion
- Service capabilities
  - Manufacturing process design
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs
- Depth of expertise within the company
- Capacity to undertake major projects
- High performance & detailed manufacturing
- In house design and modelling
Company Overview
Creative Fibreglass, a small family owned business located on the south coast of NSW, specializing in the manufacturing of the Groom Ezy mobile trailers for the Australian pet grooming industry.

Capabilities

Product Capabilities
- Ground transportation
- Trailers and components
- Marine and maritime
  - Motor powered leisure craft
  - Runabout / dinghy
  - Sailing vessels – single hull
  - Skiffs and small competition boats
- Consumer and leisure
  - Arts and design
  - Caravans and camper vans
  - Film sets
  - Furniture
  - Helmets
  - Horse floats
  - Kayaks and canoes
  - Skis, oars, and paddles
  - Spas, pools and accessories
  - Surf boards
  - Trailer bodies and components

Process and Service Capabilities
- Manufacturing processes
  - Open moulding (incl. chopper gun)
- Service capabilities
  - Tooling and mould manufacture

Unique Selling Propositions and Key Partners and Programs
We are versed in all types of fibreglass work, repairs alterations for any thing fibreglass and custom one off’s.

Industry
- Consumer and leisure
- Marine and maritime
Company Overview

CSIRO is Australia's leading multidisciplinary research organisation. Our purpose is to carry out scientific research for the benefit of the Australian community and industry and to facilitate its wider application or utilisation.

Our secondary functions include international scientific liaisons, training of research workers, publication of research results, provision of scientific services, dissemination of scientific information and transferring technology to industry.

In the composites sector we have specialists in fibres, fibrous structures, thermoplastic and thermoset resins together with full production and testing facilities. CSIRO works with leading organisations around the world, and we are recognised internationally for our quality research.

Capabilities

R&D Capabilities across

- Infrastructure
- Industrial, mining and petrochemicals
- Building and construction
- Ground transportation
- Marine and maritime
- Consumer and leisure
- Automotive
- Aerospace
- Materials, engineering and support services
- Manufacturing
- Raw materials

Process and Service Capabilities

- Manufacturing processes
  - Open moulding
  - Compression moulding
  - Continuous laminating
  - Filament winding
  - Pultrusion
  - Resin transfer moulding (RTM)
  - Vacuum infusion
- Service capabilities
  - Education and training
  - Provision of research and development services
  - Non destructive evaluation
  - Design of composite structures
  - Analysis of composite structures
  - Design of composite structure repairs
  - Manufacturing process design
  - CNC machining
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture

Certification/ Accreditations

- CSIRO has extensive materials characterisation and testing capabilities and operates a number of NATA accredited laboratories.
- The CSIRO Waurn Ponds facility operates a NATA accredited textile and fibre laboratory meeting requirements of ISO17025 (testing).

Unique Selling Propositions and Key Partners and Programs

Do business with us to help your organisation thrive.

We are an entirely Australia organisation with a global reach, partnering with small and large companies, government and industry doing work with an enormous range of companies.

CSIRO offers many ways of doing business including: service delivery through to technology licensing; access to expertise for small and medium sized enterprises (SME’s) and collaboration with companies, industry groups and other R&D providers.
### Company Overview

CST Composites is a world leader in carbon fibre filament winding, and pultrusion technologies.

The company focuses on delivering specialised solutions for our customers in critical applications in mining, automotive, defence, infrastructure and marine markets.

Operating since 1995, CST Composites’ constant pursuit of innovative product solutions has enabled the development of it’s own cutting-edge filament winding equipment and design software.

CST Composites’ products are manufactured at it’s high-tech manufacturing facility in Sydney, Australia.

### Capabilities

#### Product Capabilities
- Infrastructure
  - Poles and posts
  - Wind turbine blades/ components
- Industrial, mining and petrochemicals
  - Mining ducts & vents
  - Mining equipment
  - Pressure vessels
- Ground transportation
  - Automotive components
- Marine and maritime
  - Masts, keels and boat accessories
- Consumer and leisure
  - Film sets
  - Skis, oars, and paddles

#### Process and Service Capabilities
- Manufacturing processes
- Compression moulding
- Filament winding
- Pultrusion
- Service capabilities
- Prototyping services
- Provision of research and development services

#### Industry
- Aerospace
- Automotive
- Building and construction
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

### Certification/ Accreditations
- ISO 9001:2008 Quality Management System

### Unique Selling Propositions and Key Partners and Programs

CST Composites completed the design and production of large diameter filament wound tubes for a ground demonstrator for the International Space Station.

CST Composites supplied NASA for a Hubble Telescope related application.

CST Composites marine products have won over 50 world titles in sailing.
Company Overview

At Cure Composites we specialise in the manufacture of composite panels for truck bodies and trailers. Our product range also includes wall and floor panels, modular bathrooms, façades and mining industry components.

Our focus is on research and development and because of this we are emerging as a leader in innovative design and product diversity. We also make composite componentry for the mining and building industry as well as marine infrastructure.

We also manufacture composite panelling and components, specialising in but not limited to; transport, marine, aviation and recreational vehicles.

Composite manufacture is the future in construction and can be adapted to all project requirements. From accommodation modules, general building applications to mining industry components and marine infrastructure.

Capabilities

Product Capabilities

- Infrastructure
- Bridge components
- Buoyancy vessels
- Fenders
- Sea walls
- Wind turbine blades/ components
- Industrial, mining and petrochemicals
- Mining ducts & vents
- Radomes
- Tanks
- Building and construction
- Bathroom fittings
- Façades and features
- Modular structures
- Ground transportation
- Fireproof structures
- Large structural elements
- Trailers and components
- Truck and bus panels
- Truck bodies

Product Capabilities (cont.)

- Marine and maritime
- Catamarans
- Commercial vessels – passenger
- Motor powered leisure craft
- Sailing vessels – single hull
- Consumer and leisure
- Caravans and camper vans
- Horse floats
- Trailer bodies and components

Process and Service Capabilities

- Manufacturing processes
  - Open moulding (incl. chopper gun)
  - Resin transfer moulding (RTM)
  - Vacuum infusion
- Service capabilities
  - CNC machining
  - Design of composite structure repairs
  - Design of composite structures
  - Manufacturing process design
  - Tooling and mould manufacture

Industry

- Aerospace
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
Company Overview

For over 30 years, DSA has offered professional engineering solutions for the composites industry. Our services cover site condition assessment, technical inspections, auditing for standard compliance and quality assurance. DSA can provide independent verification in design or inspection services, as well as procedure and specification writing or review.

Our expertise has been acquired through servicing major companies in the mining, water/waste water treatment, chemical processing, energy and petroleum sectors.

We also work with consultants, manufacturers and construction contractors within these industries. We have extensive knowledge on the application of FRP/GRP/GRE in corrosive environments, including industrial plants producing or handling chemicals.

Capabilities

Process and Service Capabilities

- Service capabilities
  - Analysis of composite structures
  - Design of composite structure repairs
  - Design of composite structures
  - Engineering certification and RPEQ services
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites
  - Manufacturing process design
  - Non destructive evaluation
  - Structural health monitoring (SHM) services
  - Tooling and mould design

Industry

- Building and construction
- Consumer and leisure
- Industrial, mining and petrochemical
- Infrastructure
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

Our clients always have confidence that we are committed to a timely delivery of our services in accordance with best practices and DSA has enabled our clients to achieve great cost savings and risk mitigation.

When a project uses composite materials, or where this application is being considered, DSA is the correct choice to develop and bring solutions to you.
Company Overview

Tasmanian company Derek Gee Installations Pty Ltd has an outstanding history of working on major desalination projects and industrial sites in Australia since 1995.

Our expertise includes project management and on-site installation of fibreglass piping systems, fibreglass tanks, concrete protection and anticorrosive chemical protection of plant equipment, mechanical installations, HDPE welding and hydrostatic testing.

Specialising in all areas of Glass Reinforced Plastic (GRP, FRP, GRVE, fibreglass, composite) fabrication and installation, DGI’s dedicated team of 200 employees includes; quality controllers, fibreglass laminators, supervisors, occupational, health and safety advisors and in-house engineering support.

Capabilities

Product Capabilities

- Infrastructure
  - Design – structural
  - Pipe liners
  - Pipes
- Industrial, mining and petrochemicals
  - Mining ducts & vents
  - Mining equipment
  - Pipe
  - Pipe repair
  - Pits and pit lids
  - Pressure vessels
  - Tanks
- Ground transportation
  - Tankers

Process and Service Capabilities

- Manufacturing processes
  - Open moulding (incl. chopper gun)
- Service capabilities
  - Education and training
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites
  - Non destructive evaluation

Industry

- Industrial, mining and petrochemical

Certification/ Accreditations

- ISO 9001 Quality Management Systems*
- ISO 14001 Environment Management Systems*
- AS/NZ 4801 & OHSAS 18001 OHS Management Systems*
  - *Independently certified, QCS(E)
- NATA (Accreditation No.19223) Mechanical Testing

Unique Selling Propositions and Key Partners and Programs

National and international site construction for:

- Chemical Processing plants;
  - Goro Nickel, New Caledonia (Vale)
- LNG plants;
  - Gorgon Project, Barrow Island (Chevron)
  - Ichthy’s Project, Darwin (Inpex)
- Desalination Plants;
  - Kwinana Desal, SSWA
  - Melbourne Desal, Thiess-Degremont
  - Adelaide Desal, McConnell Dowel
  - Cape Preston Desal (Sino Iron), KT Pipelines
  - Binningup Desal (Stage 2) SSJV
- Waste water treatment plants, power stations, road tankers
DIAB AUSTRALIA

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Company Overview

DIAB has been at the leading edge of composite core material development for over fifty years, supplying a wide range of markets including marine, wind energy, transport, aerospace and industry.

DIAB is the world leader in structural core technology.

DIAB offer a full range of IPN, PET and Balsa core materials for Marine, Transport, Industry and Aerospace applications.

DIAB also has a stand alone composites engineering group: Composites Consulting Group.

Capabilities

Product Capabilities

- Manufacture of raw materials
  - Core materials
- Full core kitting solution with 5 axis milling and turn key solutions
- Fully bonded, machined and coated buoyancy elements for ROVs
- Aerospace core materials suited to commercial jet interior applications and for light aircraft structures

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure (including sports equipment)
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Certification/ Accreditations

- ISO 9001 Quality Management System
- ISO 14001 Environment Management System

Unique Selling Propositions and Key Partners and Programs

DIAB is a global supplier with a global footprint of plants and sales offices positioned to meet your market requirements.

We distribute our materials in Australia through ATL Composites who are a leader in epoxy resin manufacture and a supplier of high end glass fibre re-enforcements and carbon fibre along with a wide range of ancillary and consumable products.

Through ATL Composites we also offer kitting and pre-made panels such as the Duflex range.
Company Overview

Dow Chemical is a global producer of raw materials supporting a wide range of industries and applications. In Australia, Dow produces polyether polyols and glycols for the polyurethane industry.

Building on a strong interdisciplinary approach of chemistry, material science, modelling, formulation know-how and fabrication technology, Dow provides advanced composite solutions that offer manufacturers significant performance, processability as well as cost-benefit advantages for the fabrication of stronger, lightweight and more durable composites.

Capabilities

Product Capabilities

- Formulated polyurethane systems for specialty composites
- Composite Systems
- Infrastructure
  - Bridge components
  - Bridge repair and upgrade
  - Pipe liners
  - Poles and posts
- Industrial, mining and petrochemicals
  - Polymer concrete
- Building and construction
  - Materials – polymer concrete
- Consumer and leisure
  - Furniture
  - Bedding

Industry

- Automotive
- Building and construction
- Consumer and leisure
- Industrial, mining and petrochemical
- Infrastructure

Unique Selling Propositions and Key Partners and Programs

Dow Chemical’s VORAFORCE™ polyurethane and epoxy systems for industrial applications are designed for high performing production with the typical composites processes, such as Filament Winding, Pultrusion, Infusion, Hand Lay-up, Resin Transfer Molding, Structural Reaction Injection Molding (SRIM), Long Fiber Injection (LFI), Composite Spray, Reinforced RIM (RRIM), and Lightweight Spray.
Company Overview

Our core product range is from Australian Construction Epoxies and we are their distributor for NSW and have established distributor agreements with all of our suppliers for the defence industry.

Due to collaboration with companies in the construction industry it has enabled us to present them with solutions outside the square that are safer and easier to use than traditional old technology products. This business philosophy is based on a concern of using solvents and old technology chemicals in paints & adhesives.

Additionally, the industrial chemist who developed the products is still actively involved in the research and development of new products and the refinement of existing formulations.

DRIVE Technical Service is actively involved in field testing products and advising Australian Construction Epoxies of customer requirements.

Capabilities

Product Capabilities
- Supplier of raw materials
- Bonding materials, adhesives
- Carbon fibre reinforcements
- Gelcoats, flowcoats
- Glass fibre reinforcements
- Pigments, Colorants
- Resins - coating
- Resins – thermoset – epoxy
- Surfacing materials – gelcoats, paints, polymeric products

Process and Service Capabilities
- Service capabilities
- Education and training
- Non destructive evaluation

Industry
- Building and construction
- Consumer and leisure
- Industrial, mining and petrochemical
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

Key partner: Australian Construction Epoxies which is a small Australian manufacturer of modern technology epoxies & polymers with a brilliant industrial chemist who has developed cutting edge polymers & Epoxies to meet customers specific requirements.

Coatings are water based epoxies and polyurethanes based on modern technology.

Epoxy mortar capable of adhering to damp concrete in all weather conditions from 40C down to 3C.

Water based rusty metal primer - converts, seals & primes rusty metal in one application. This provides a system for repairing concrete structures suffering from concrete cancer. Once dry the treated metal and damaged concrete can be rebuilt using ACE Epoxy Mortar.
Company Overview

EES² is the only Australian firm for specialist composite buying and commissioning.

From bid through to hand-over working with and linking buyers, designers/engineers with composite fabricators to achieve success.

Project planning. Cost engineering. Strategic product development & market readiness for your market application.

EES² smooth out the supply, manage risk for the various stakeholders, and deliver specialist procurement to TIER 1 & TIER 2 organisations for contract values typically under $12M per annum.


Capabilities

Process and Service Capabilities

- Project management.

Industry

- Building and construction
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services
- Composite fabricator resource

Unique Selling Propositions and Key Partners and Programs

EES² is a strategic procurement/buyer for TIER 1 & TIER2, governments, defence contracts (typically) under $12M.

We offer project leadership and co-ordination; specialising in composite schedules, budgets, cost planning. Early involvement leads to project success.
Company Overview

Australia's leading manufacturer of underground composite tanks for fuel storage. We also manufacture underground detention tanks, waste water tanks, chemical tanks, oil water separator units etc.

Envirotanks are manufactured under licence from CSI of the USA and the Clereflo range of separators are manufactured under licence from Conder in the UK.

Capabilities

Product Capabilities
- Infrastructure
  - Pipes
  - Risers
- Industrial, mining and petrochemicals
  - Mining ducts & vents
  - Tanks

Process and Service Capabilities
- Manufacturing processes
  - Filament winding

Industry
- Building and construction
- Industrial, mining and petrochemical
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs
Australia's leading manufacturer of underground single wall and double wall tanks.
Company Overview

Etamax is a small, but dynamic business located in South Australia.

Etamax started as an engineering consultancy, but has expanded into composites manufacturing and composites machinery.

Etamax specialises in filament winding technology and can supply: filament winding machinery, software, product design services, structural analysis, FEA prototyping, consulting advice and training courses to those in the filament winding industry.

Etamax also produce filament wound and vacuum-infused products such as carbon fibre tube, masts and spars for sailing yachts.

Capabilities

Product Capabilities

- Infrastructure
  - Buoyancy vessels
  - Design – structural
  - Poles and posts
- Industrial, mining and petrochemicals
  - Pressure vessels
  - Tanks
- Ground transportation
  - Automotive components
  - Simulation – structural design
- Marine and maritime
  - Catamarans
  - Masts, keels and boat accessories
  - Sailing vessels – single hull
  - Skiffs and small competition boats

Process and Service Capabilities

- Manufacturing processes
- Continuous laminating
- Filament winding
- Open moulding (incl. chopper gun)
- Resin transfer moulding (RTM)
- Rotational moulding
- Vacuum infusion
- Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures
- Education and training
- Manufacturing process design
- Prototyping services
- Provision of research and development services
- Tooling and mould design
- Tooling and mould manufacture

Industry

- Aerospace
- Automotive
- Building and construction
- Industrial, mining and petrochemical
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

- Filament winding machinery
- CADWIND Filament winding simulation software
- COMPOSITE STAR Laminate Analysis software

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Company Overview

Exel Composites Australia is a wholly owned subsidiary of Exel Composites Plc. Finland, the leading structural composite profile manufacturer in the world.

Exel Composites is a technology company which designs, manufactures and markets composite profiles, tubes and assemblies for industrial applications.

In Australia we have manufacturing facilities in Melbourne utilising FRP pultrusion, pre-preg tube moulding and vacuum bagging processes.

Our products can be manufactured with glass or carbon fibre, aramids or a matrix of these materials plus other exotics in combination with ISO polyester, vinyl ester or epoxy resin systems.

Capabilities

Product Capabilities
- Infrastructure
- Bridge components
- Bridge repair and upgrade
- Design – structural
- Poles and posts
- Rebar – corrosion resistant
- Sea walls
- Wind turbine blades/components
- Industrial, mining and petrochemicals
- Mining ducts & vents
- Mining equipment
- Pits and pit lids
- Radomes
- Rods
- Building and construction
- Façades and features
- Modular structures
- Structural members
- Ground transportation
- Automotive components
- Energy absorbing structures
- Large structural elements
- Rail car panels
- Trailers and components
- Truck and bus panels

Product Capabilities (cont.)
- Marine and maritime
- Masts, keels and boat accessories
- Consumer and leisure
- Arts and design
- Caravans and camper vans
- Furniture
- Skis, oars, and paddles

Process and Service Capabilities
- Manufacturing processes
- Pultrusion
- Vacuum infusion
- Service capabilities
- Analysis of composite structures
- CNC machining
- Design of composite structures
- Non destructive evaluation
- Prototyping services
- Tooling and mould design
- Tooling and mould manufacture

Certification/ Accreditations
- ISO 9001:2008 Quality Management System

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

Exel Composites is a customer-driven, leading provider of advanced composite solutions; being dynamic and innovative we reinforce our customers business.

Customer satisfaction is the key element of our vision. We focus on OEM-customers and deliver advanced and niche solutions.

We are professionals providing added value for our customers and good returns for our shareholders. We encourage our customers’, employees’, suppliers’ and shareholders’ business.
Company Overview

Composite moulding and manufacture specialists.

Marine, automotive, anything. Product development for customers including patterns, tooling and processing.

We also repair, marine, auto, UAV, carbon cycle, etc.

We love a challenge and have a high standard of finish and pride in our work to exceed customers expectations.

Capabilities

Product Capabilities
- Infrastructure
  - Wind turbine blades/components
- Industrial, mining and petrochemicals
  - Mining ducts & vents
- Building and construction
  - Façades and features
- Ground transportation
  - Automotive components
  - Composite repair of vehicles
- Marine and maritime
  - Catamarans
  - Masts, keels and boat accessories
  - Sailing vessels – single hull
  - Skiffs and small competition boats
  - Underwater (ROV, dive vessels)
- Consumer and leisure
  - Furniture
  - Helmets
  - Kayaks and canoes
  - Skis, oars, and paddles

Process and Service Capabilities
- Manufacturing processes
- Autoclave curing
- Resin transfer moulding (RTM)
- Vacuum infusion
- Service capabilities
- CNC machining
- Inspection and repair of composite structures
- Manufacturing process design
- Prototyping services
- Tooling and mould design
- Tooling and mould manufacture

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
Company Overview

Fibreglass Design Panels Pty Ltd is a family owned manufacturing business based at Northgate on Brisbane's north side, with a second facility on the Sunshine Coast, Queensland.

Established in 1999, we supply fiberglass components to the automotive industry in the form of bus and coach components, composite panels for caravans, food vans and trailer, and a range of campervan and other vehicle components.

From the small exit step to the 12m roof panels, we manufacture internal and external components for the majority of Australian bus and coach builders.

Capabilities

Product Capabilities

- Building and construction
- Façades and features
- Ground transportation
- Trailers and components
- Truck and bus panels
- Consumer and leisure
- Caravans and camper vans
- Trailer bodies and components
- Decorative finishes
- Carbon Fibre
- Graphic Images

Process and Service Capabilities

- Manufacturing processes
- Open moulding
- Vacuum infusion
- Resin transfer moulding (RTM)
- Service capabilities
- Tooling and mould manufacture
- Silicon Moulding

Industry

- Architectural
- Building and construction
- Industrial, mining and petrochemical
- Ground transportation

Unique Selling Propositions and Key Partners and Programs

Fibreglass Design Panels provides both custom built components fitted to your design needs, and timely supply of your ongoing production requirements.

We use open and closed moulding processes, and offer composite tooling services.

We provide sub-assembly of components to streamline your production process.
Company Overview

Over more than 40 years Fibreglass Engineering Industries Pty Ltd has manufactured and supplied quality fibreglass products.

Primary contracts held with large electrical supply organisations for the supply of enclosures for electrical equipment such as transformers and related switchgear.

Fibreglass Engineering Industries has become specialised in the area of equipment enclosures, associated spin-offs such as different sized enclosures to suit other purposes, yet continues to manufacture a broad range of other industrial products.

A proven history of performance: ability to perform with respect to product quality, meeting supply demand, service and support.

Excellent management skills for trouble free commercial relationship between both parties. Purposeful business focus.

Capabilities

Product Capabilities

- Infrastructure
  - Buoyancy vessels
  - Design – structural
  - Fenders
  - Risers
- Industrial, mining and petrochemicals
  - Mining equipment
  - Pits and pit lids
  - Tanks
- Building and construction
  - Façades and features
  - Modular structures
  - Structural members
- Ground transportation
  - Automotive components
  - Large structural elements
  - Rail car panels
  - Truck and bus panels
  - Marine and maritime
  - Buoyancy vessels

Process and Service Capabilities

- Manufacturing processes
  - Compression moulding
  - Open moulding (incl. chopper gun)
  - Pultrusion
  - Resin transfer moulding (RTM)
- Service capabilities
  - CNC machining
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure

Unique Selling Propositions and Key Partners and Programs

Fibreglass Engineering Industries has held long term contracts with many organizations and maintain strong relationships with our clients for the long term benefit of both parties.

Our focus is on the long term. We prefer to go the extra step in the early stage of any contract to ensure clear and concise understanding for the life of the contract.

We believe communication is the key to successful supplier-client relationships and an emphasis is always placed on building proper communication channels.
Company Overview
Finishing Brands Australia manufacture all types of industrial spray finishing equipment and accessories. Incorporating the world leading brands of Binks, DeVilbiss & Ransburg.

Finishing Brands Australia have a complete line of application systems for all your composite manufacturing needs.

Binks, DeVilbiss & Ransburg have been manufacturing spray equipment for all your finishing needs for over 130 years.

Capabilities
Product Capabilities
- Supplier of raw materials
  - Surfacing materials – gelcoats, paints, polymeric products
- Gel coat and resin laminating application equipment

Process and Service Capabilities
- Service capabilities
  - Education and training

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs
In conjunction with our sister companies worldwide, we provide all the advanced technologies and equipment you need for today’s MACT-compliant composites applications.
Company Overview
Fly Synthesis Australia activity is primarily based around the design, development and manufacture of light aircraft made from composite materials. Originally an aircraft importer we are now setting our sights on manufacture and export of home based design and built Light Aircraft. Models that combine high strength lightweight materials with the benefits of modern technology and high safety features.

Our business model is serial production utilising efficient and economic production methods making our product low cost and globally competitive.

Capabilities
Process and Service Capabilities
- Manufacturing processes
  - Open moulding (incl. chopper gun)
  - Vacuum infusion
- Service capabilities
  - Design of composite structures
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry
- Aerospace

Unique Selling Propositions and Key Partners and Programs
As a small based engineering firm we would be open to partnering with a value adding firm. We see benefits in collaborating with an R&D partner with the right fit.
Company Overview

Established in 2002, Formula Sailcraft build lightweight, high performance racing sailboats and associated components from composite materials.

We use the latest vacuum infusion technology for the majority of our parts.

The materials used are vinylester and epoxy resins, fibre glass, kevlar and carbon fibre reinforcements and a variety of core materials such as PVC foams and end grain balsa.

Capabilities

Product Capabilities

- Infrastructure
  - Wind turbine blades/components
- Industrial, mining and petrochemicals
  - Radomes
- Ground transportation
  - Automotive components
  - Trailers and components
  - Truck and bus panels
- Marine and maritime
  - Buoyancy vessels
  - Defence vessel (component and subassembly)
  - Masts, keels and boat accessories
  - Runabout / dinghy
  - Sailing vessels – single hull
  - Skiffs and small competition boats
- Consumer and leisure
  - Caravans and camper vans
  - Kayaks and canoes
  - Trailer bodies and components

Process and Service Capabilities

- Manufacturing processes
  - Open moulding (incl. chopper gun)
  - Vacuum infusion
- Service capabilities
  - Design of composite structures
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Consumer and leisure
- Marine and maritime
Company Overview

We build custom built 4.8m, 5.5m & 6m fibreglass boats. Center console or tiller steer. Dealer for Dunbier trailers. Front & rear cast deck, live tanks, rod locker, coloured hull are some of the options you can choose from.

Capabilities

Product Capabilities

- Industrial, mining and petrochemicals
  - Heat shields
  - Mining ducts & vents
- Building and construction
  - Façades and features
  - Roofing
  - Sheetng – flat
- Ground transportation
  - Composite repair of vehicles
  - Trailers and components
  - Truck and bus panels
  - Truck bodies
- Marine and maritime
  - Buoyancy vessels
  - Commercial vessels – passenger
  - Commercial vessels – trade
  - Masts, keels and boat accessories
  - Motor powered leisure craft
  - Runabout / dinghy
  - Skiffs and small competition boats

Product Capabilities (cont.)

- Consumer and leisure
  - Caravans and camper vans
  - Kayaks and canoes
  - Skis, oars, and paddles
  - Spas, pools and accessories
  - Surf boards
  - Trailer bodies and components

Process and Service Capabilities

- Manufacturing processes
  - Open moulding (incl. chopper gun)
- Service capabilities
  - Design of composite structure repairs
  - Design of composite structures
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites
  - Manufacturing process design
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Automotive
- Consumer and leisure
- Ground transportation
- Marine and maritime
- Materials, engineering and support services
Company Overview

Global Pipe is the leading provider of high-quality, performance-based pipe solutions for oil and gas, industrial, water and infrastructure projects throughout the world.

Our commitment to engineering and logistical excellence has earned us an enviable reputation for reliability and integrity.

We create bespoke pipe solutions for the most demanding applications, stringent specifications and to the highest International and Australian standards.

We offer a complete range of fiberglass pipe products and professional field assistance services to ensure your project is completed on time, on budget and in accordance with all applicable regulations and quality standards.

Capabilities

Product Capabilities

- Infrastructure
  - Pipes
- Industrial, mining and petrochemicals
  - Pipes
  - Tanks

Process and Service Capabilities

- Manufacturing processes
- Centrifugal casting
- Filament winding

Industry

- Building and construction
- Industrial, mining and petrochemical
- Infrastructure

Unique Selling Propositions and Key Partners and Programs

Exclusive distributors of HOBAS, Austria and Future Pipe Industries, UAE.
Company Overview

From its main Australian production site, GMS Composites manufactures and delivers to customers worldwide a range of specialised, high performance composite prepregs.

As well as offering a standard range, the company has particular expertise in developing and supplying custom designed prepreg solutions for demanding advanced composites markets such as: aerospace, ballistic & defence, automotive & motorsport, sports & leisure, marine, and rail & transportation.

Using in-house expertise and external R&D partners, GMS Composites works closely with customers to formulate and develop fibre reinforced custom prepreg systems, engineered to meet specific needs and performance requirements.

Capabilities

Product Capabilities
- Industrial, mining and petrochemicals
  - Heat shields
  - Mining ducts & vents
- Ground transportation
  - Automotive components
  - Fireproof structures
  - Large structural elements
  - Rail car panels
- Marine and maritime
  - Catamarans
  - Commercial vessels – passenger
  - Commercial vessels – trade
  - Defence vessel (component and subassembly)
  - Masts, keels and boat accessories
  - Motor powered leisure craft
  - Sailing vessels – single hull
  - Skiffs and small competition boats

Product Capabilities (cont.)
- Consumer and leisure
  - Skis, oars, and paddles
  - Kayaks and canoes
  - Helmets
- Manufacture of raw materials
  - Resins – thermoset – epoxy
  - Glass fibre reinforcements
  - Carbon fibre reinforcements

Process and Service Capabilities
- Manufacturing processes
- Vacuum infusion
- Compression moulding
- Service capabilities
- Tooling and mould manufacture
- CNC machining

Industry
- Aerospace
- Automotive
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Certification/ Accreditations
- ISO 9002:2008 Quality Management System
Company Overview

GreenStorm Solutions has been providing Mechanical Engineering services for the last 15 years to companies across Australia.

Our focus is on Finite Element Analysis of Composite structures. The results of our Analyses can be correlated to real world loads via our Strain Gauging service.

Our experience has been gained in practical Design, Testing and Analysis of Composites used in Transport and Infrastructure.

We have worked on Composite products from Concept through to Tooling, Prototyping & Manufacture.

Capabilities

Consultancy services in
- Infrastructure
- Industrial, mining and petrochemicals
- Building and construction
- Ground transportation
- Marine and maritime
- Consumer and leisure
- Manufacture of raw materials
- Manufacturing processes
  - Bulk casting
  - Continuous laminating
  - Filament winding
  - Open moulding (incl. chopper gun)
  - Resin transfer moulding (RTM)
  - Rotational moulding
  - Vacuum infusion

Process and Service Capabilities
- Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures
- Inspection and repair of composite structures
- Inspection and repair of infrastructure with composites
- Manufacturing process design
- Non destructive evaluation
- Provision of research and development services
- Structural health monitoring (SHM) services
- Tooling and mould design

Industry
- Aerospace
- Automotive
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
Gurit (Australia) Pty Ltd

1/14 Narabang Way
Belrose
NSW, 2085

Contact
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Info-au@gurit.com

www.gurit.com.au

Company Overview

With offices and manufacturing facilities worldwide, Gurit is an established leading global manufacturer and supplier of composite materials and technology.

Over 30 years’ experience in various market sectors, combined with an impressive portfolio of materials and technical approach, enables Gurit to offer the most complete composite solution on the market.

Gurit’s composite materials include core materials, prepregs, fabric reinforcements, epoxy laminating systems, adhesives, tooling products, vacuum consumables for use in wet lay-up, infusion and prepreg construction.

Gurit also offers services including structural engineering design, mechanical testing, materials kitting, flat panel manufacture, tooling fabrication, prototyping and manufacture of selected parts.

Capabilities

Product Capabilities

- Bridge components
- Bridge repair and upgrade
- Design – structural
- Wind turbine blades/components
- Mining ducts & vents
- Pipe repair
- Pits and pit lids
- Radomes
- Tanks
- Façades and features
- Roofing
- Structural members
- Automotive components
- Composite repair of vehicles
- Fireproof structures
- Large structural elements
- Rail car panels
- Simulation – structural design
- Truck and bus panels
- Truck bodies
- Buoyancy vessels
- Catamarans
- Commercial vessels – passenger
- Commercial vessels – trade

Product Capabilities (cont.)

- Defence vessel (component and subassembly)
- Masts, keels and boat accessories
- Motor powered leisure craft
- Runabout / dinghy
- Sailing vessels – single hull
- Skiffs and small competition boats
- Underwater (ROV, dive vessels)
- Arts and design
- Caravans and camper vans
- Furniture
- Horse floats
- Kayaks and canoes
- Skis, oars, and paddles
- Surf boards
- Trailer bodies and components
- Bonding materials, adhesives
- Carbon fibre reinforcements
- Core materials
- Glass fibre reinforcements
- Pigments, Colorants
- Resins - coating
- Resins – thermostet – epoxy
- Surfacing materials – gelcoats, paints, polymeric products

Process and service capabilities

- Manufacturing processes
- Resin transfer moulding (RTM)
- Vacuum infusion
- Service capabilities
  - Analysis of composite structures
  - CNC machining
  - Design of composite structure repairs
  - Design of composite structures
  - Education and training
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites

Industry

- Aerospace
- Automotive
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services
Company Overview

Fully Australian owned and based in the Hunter Valley NSW, Harvest Pools service pool suppliers Australia wide, offering a large range of shapes, sizes and colours to suit your lifestyle and budget.

When purchasing your Harvest Pool, you can be sure that you are supporting an Australian company. Our fibreglass pools are made to exceed Australian Standards and use the lightest construction material available. Ideal for most soil types, the superior quality resins and gel coats offer security, strength and durability.

Capabilities

Product Capabilities
- Consumer and leisure
- Spas, pools and accessories

Process and Service Capabilities
- Manufacturing processes
- Open moulding (incl. chopper gun)

Industry
- Consumer and leisure
Company Overview

With more than 30 years in the composites industry Heslehurst and Associates provides expert knowledge and practical experience.

We provide training courses, research and development, engineering and process consultancy in composite materials.

Capabilities

Training, R&D and consultancy in
- Infrastructure
  - Bridge repair and upgrade
  - Design – structural
  - Structural health monitoring (SHM)
  - Wind turbine blades/ components
- Industrial, mining and petrochemicals
  - Pressure vessels
  - Radomes
- Ground transportation
  - Automotive components
  - Composite repair of vehicles
  - Trailers and components
  - Truck and bus panels
  - Truck bodies
- Marine and maritime
  - Defence vessel (component and subassembly)
- Manufacturing processes
  - Continuous laminating
  - Vacuum infusion

Process and Service Capabilities
- Service capabilities
  - Analysis of composite structures
  - Design of composite structure repairs
  - Design of composite structures
  - Education and training
  - Engineering certification and RPEQ services
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites
  - Manufacturing process design
  - Non destructive evaluation
  - Prototyping services
  - Provision of research and development services
  - Structural health monitoring (SHM) services

Industry
- Aerospace
- Automotive
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

Heslehurst and Associates offers exceptional expertise in the field of composite processes and materials with the director holding a Masters degree in aerospace engineering and a PhD from the UNSW, and over 30 years in the composites industry.
Company Overview

Imagine is a graphene solutions company. Our goal is very simple. We want to enable our customers to differentiate themselves with novel products that have sufficiently superior functionality that they drive a much stronger margin proposition.

Imagine Intelligent Materials Pty Ltd was formed in 2014 as NanoCarbon Pty Ltd and renamed in June 2015. We are a group of engineers, scientists and business people. We have a belief that Australia leads the world in materials science research and that this research has the potential to be a major force in the next generation of manufacturing.

Our vision is to develop solutions for manufacturing that create highly effective end products that disrupt old industries with innovative solutions particularly by integrating graphene into manufactured products.

Capabilities

Product Capabilities
- Manufacture and application of raw materials
  - Carbon fibre reinforcements
  - Resins - coating
  - Resins – thermoplastic
  - Resins – thermostet – epoxy
  - Resins – thermostet – unsaturated polyester
  - Surfacing materials – gelcoats, paints, polymeric products
  - Elastomers

Process and Service Capabilities
- Service capabilities
- Education and training

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Industrial, mining and petrochemical
- Infrastructure
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

We build a detailed understanding of the value chain to ensure that we understand how they like to work so that we can deliver total product replicability at scale. This takes the guesswork and risk out of integrating graphene into products.

Our major focus is on fibres and textiles used in civil engineering and mining. We are a start-up company based in Australia developing solutions for customers in Australia, the USA and beyond.
Company Overview

IMCD is a leading company in sales, marketing and distribution of speciality chemicals for the composites industry.

Representing major global producers, our sales people are market focused technical experts who offer solutions for customers’ problems utilising our comprehensive and complementary product portfolio.

Through our people, their expertise and the creation of open and lasting partnerships, IMCD is able to provide advice on formulation, production process and application.

Headquartered in Rotterdam, The Netherlands, IMCD has a turnover of 1.4 billion and employs over 1250 professionals in 39 countries.

Capabilities

Product Capabilities

- Supplier of raw materials
  - Gelcoats, flowcoats
  - Pigments, Colorants
  - Resins - coating
  - Resins – thermoplastic
  - Resins – thermoset – epoxy
  - Resins – thermoset – unsaturated polyester
  - Resins – thermoset – vinyl ester
  - Surfacing materials – gelcoats, paints, polymeric products

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

Our technical academies and competence centres in Europe, Asia-Pacific and Africa provide training in marketing, trend analysis and cross-fertilisation across all sectors of our business.

Knowledge and expertise we freely share.

By partnering with our customers on research formulations, carrying out competitive matching and sharing new application opportunities, we’ve delivered some of the leading, innovative and environmentally friendly solutions for the modern markets.
Company Overview

Industrial Plastics has a reputation for being project capable which has evolved over the forty plus years it has operated in Brisbane.

Such history ensures an awareness that great customer service has to be backed up with systems that ensure reliability, accountability, consistency and quality for the ongoing success and security of both Industrial Plastics and its valued customers.

Our aim is to provide excellent service coupled with access to the highest quality options for when you need it most. Industrial Plastics offers efficiencies of scale gained through the effective use of technology and our impressive capacity to rapidly provide for your needs.

Capabilities

Product Capabilities
- Infrastructure
- Fenders
- Pipes
- Industrial, mining and petrochemicals
- Mining ducts & vents
- Pipe
- Pipe repair
- Pressure vessels
- Tanks
- Marine and Maritime
- Defence vessel (component and subassembly)

Process and Service Capabilities
- Service capabilities
- CNC machining

Industry
- Building and construction
- Consumer and leisure
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services
- Food Processing, Water Treatment

Unique Selling Propositions and Key Partners and Programs

INDUSTRIAL PLASTICS are experts in custom plastic fabrication.

We specialise in the supply and custom fabrication of a large range of industrial and commercial plastics.

Our client base includes General Industry, Mining, Food Processing, Water Treatment, Construction, Commercial, Educational, Marine and Domestic clients.

No matter how big or small your needs are, our high performance plastics can help provide you with innovative and practical solutions using the latest in fabrication technologies, coupled with quality assured processes and skilled staff.

We have two specialised fabrication divisions and also offer plastic supply and custom cutting service.
Company Overview

Iplex Pipelines is a wholly owned division of ASX listed Fletcher Building and a recognised leader in the supply of infrastructure pipelines throughout Australasia.

Modern manufacturing facilities and a 1,000 employee workforce are located throughout Australia and New Zealand supporting a comprehensive range of pipes and fittings from 15mm to 3000mm in diameter, manufactured from PVC, PE, GRP, PE-X, PB, PP, Polymer Concrete and Ductile Iron.

All factories operate under the stringent requirements of AS/NZS/ISO 9002 with independent third-party certification.

Iplex pipe products are used for the transmission of potable water, gas, stormwater and sewerage pipelines, trenchless pipe rehabilitation systems, chemical and slurry pipelines and irrigation systems.

Capabilities

Product Capabilities
- Infrastructure
- Pipes
- Industrial, mining and petrochemicals
  - Mining ducts & vents
  - Pipe
  - Pits and pit lids
  - Polymer concrete
- Building and construction
  - Bathroom fittings

Process and Service Capabilities
- Manufacturing Processes
  - Compression Moulding

Industry
- Building and construction
- Industrial, mining and petrochemical
  - Infrastructure
- Gas, Telecommunications, Plumbing, Civil, Irrigation

Certification/Accreditations
- AS/NZS 1260 PVC-U
- AS/NZS 1477:S1 PVC-U
- AS/NZS 1477:S2 PVC-U
- AS/NZS 4765 Modified PVC
- AS/NZS 4441 Oriented PVC
- AS/NZS 4130 Polyethylene
- AS/NZS 5065 Polyethylene and polypropylene pipes and fittings

Unique Selling Propositions and Key Partners and Programs

Iplex Pipelines is a recognised leader in the supply of civil and infrastructure pipeline system in Australia and is directly involved with Australian and ISO standards committees.

Iplex is also a member of the Plastics Industry Pipe Association (PIPA) and the Australian Pipeline Industry Association and plays an active role in the development of standards, specifications and practices that help ensure the proper use of plastics pipe with the objective of setting benchmarks for industry practice.
Company Overview

JPM Shipwrights Pty Ltd are specialists in composite repairs, modifications and custom components. We also fabricate one off custom sculptures and installations. We cater to the marine, architectural and transport industries.

Capabilities

Product Capabilities
- Building and construction
- Bathroom fittings
- Façades and features
- Ground transportation
- Automotive components
- Composite repair of vehicles
- Fireproof structures
- Large structural elements
- Rail car panels
- Trailers and components
- Truck and bus panels
- Marine and maritime
- Catamarans
- Masts, keels and boat accessories
- Motor powered leisure craft
- Runabout / dinghy
- Sailing vessels – single hull
- Skiffs and small competition boats
- Consumer and leisure
- Arts and design
- Caravans and camper vans
- Film sets
- Furniture
- Helmets

Product Capabilities (cont.)
- Consumer and leisure (cont.)
- Horse floats
- Kayaks and canoes
- Skis, oars, and paddles
- Spas, pools and accessories
- Surf boards
- Trailer bodies and components

Process and Service Capabilities
- Manufacturing processes
  - Compression moulding
  - Open moulding (incl. chopper gun)
  - Vacuum infusion
- Service capabilities
  - Analysis of composite structures
  - CNC machining
  - Design of composite structure repairs
  - Design of composite structures
  - Inspection and repair of composite structures
  - Non destructive evaluation
  - Tooling and mould manufacture

Industry
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Marine and maritime
- Art installation
Company Overview

Lavender Composites offers a comprehensive range of high-tech products — such as structural prepregs, carbon fibre reinforcements, and thermoplastic sandwich panels — from the industry’s leading manufacturers.

We also offer an extensive range of composite processing and repair equipment, including hot bonders and vacuum pumps.

With over fifteen years’ experience in the advanced composites industry, Brisbane-based Lavender Composites provides timely, qualified technical advice and support to our valued clients Australia-wide.

Capabilities

Product Capabilities

- Supplier of raw materials
- Structural prepregs
- Carbon fibre reinforcements
- Core materials
- Glass fibre reinforcements
- Resins thermoplastic
- Resins - thermoset - epoxy
- Surfacing materials - fibrous
- CNC Kit cutting service
- Fabric and consumable kit cutting service

Process and Service Capabilities

- Analysis of composite structures
- CNC machining
- Design of composite structures
- Education and training
- Manufacturing process design
- Prototyping services
- Tooling and mould design

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

Lavender Composites is investing in Sustainable composites, including; natural fibres, core material, and resins.
Company Overview

Leisure Pools is one of the largest fibreglass swimming pool manufacturers in the world. We have manufacturing facilities in Brisbane, Australia and Knoxville, Tennessee, USA.

Leisure Pools is at the cutting edge of swimming pool composites manufacture providing world leading pool designs to market.

From its Australian head office in Yatala, Leisure Pools supplies domestically to Australia and exports pools to New Zealand, the Pacific, Asia, the Middle East and Europe.

Leisure Pools has over 300 dealers worldwide.

Capabilities

Product Capabilities

- Building and construction
- Bathroom fittings
- Façades and features
- Marine and maritime
- Motor powered leisure craft
- Consumer and leisure
- Spas, pools and accessories
- Supplier of raw materials
- Carbon fibre reinforcements
- Core materials
- Gelcoats, flowcoats
- Glass fibre reinforcements
- Resins - coating
- Resins – thermoset – vinyl ester

Process and Service Capabilities

- Manufacturing processes
- Open moulding (incl. chopper gun)
- Service capabilities
- Design of composite structures
- Provision of research and development services

Unique Selling Propositions and Key Partners and Programs

Leisure Pools uses a blended woven product throughout its swimming pools called Composite Armour™.

Composite Armour™ is a mixture of blended fibres including kevlar, basalt fibre and carbon fibre which reinforces the shell making it over 111% stronger than standard fibreglass pools.

Composite Armour™ coupled with our full vinyl ester resin construction build through all layers of the swimming pool allows us to offer a lifetime structural guarantee and a lifetime structural osmosis guarantee.
Company Overview

LSM (founded in 1996) has many years of experience in the delivery of the highest quality composite products to national and international clients across a diverse range of businesses and industries.

LSM works with its clients in collaboration with leading edge partners and suppliers to provide responsive, flexible, cost effective, innovative solutions to meet and exceed the most demanding of specifications and working environments.

LSM is the only privately owned company in Australia with multiple autoclaves specifically designed for the production of advanced composite components.

Capabilities

Product Capabilities
- Industrial and mining
- Ballistic equipment
- Mining equipment
- Ground transportation
- Automotive components
- Ballistic equipment
- Composite repair of vehicles
- Marine and maritime
- Defence vessel (component and subassembly)
- Underwater (ROV, dive vessels)
- Consumer and leisure
- Arts and design
- Film sets
- Furniture

Process and Service Capabilities
- Manufacturing processes
- Autoclave curing
- Service capabilities
- CNC machining
- Design of composite structure repairs
- Design of composite structures
- Manufacturing process design
- Prototyping services
- Provision of research and development services
- Tooling and mould design
- Tooling and mould manufacture

Industry
- Aerospace
- Automotive
- Ground transportation
- Industrial and mining
- Marine and maritime
- Defence

Certification/ Accreditations
- ISO 9001:2008 Quality Management System
Company Overview

Since 1999 Luxon has been importing and distributing fibreglass, aramid and carbon fibre yarns, veils, tapes and fabrics for composite, insulation, construction and ballistic protection industries.

Luxon is the Australian and New Zealand agent for Creative Pultrusions USA and FRP Services & Company of Japan.

The experienced team at Luxon has a combined 60 years’ experience in the specialty composites market, which gives us special insight and in-depth knowledge into the workings of the industries that our clients operate in.

Our sales offices, international partners and technical personnel comprise an extensive geographic network that benefits our customers.

With our experience in the industry and our record for excellence, you can be assured of quick, efficient service from professionally renowned experts in the field.

Capabilities

Product Capabilities
- Supplier of raw materials
  - Carbon Fibre reinforcements
  - Glass fibre reinforcements

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

Luxon provides complete solutions to your business requirements from start to finish.

From the scrutiny and analysis of local markets to ensuring seamless logistical distribution, we work closely with our clients to tailor unique solutions to help support and fulfil all their material requirements.
LV is a dynamic new Australian company, developing a continuous process for manufacturing a fibre reinforced composite honeycomb core which homogenously bonds with fibreglass skins; delivering a new generation of composites panels and beams with unparalleled structural properties.

The LV ‘core’ is opening up exciting opportunities for Australian composites manufacturers to be more competitive and develop new ‘structural’ products for transport, civil, mining and construction.

New, structural composite products currently in development include manhole covers (passed Class E, 40 tonne load), freezer and chemical truck/trailer floors and doors, column form work system, agricultural harvester, drop-in bridge etc.
Company Overview

Marky Industries are composite specialists established in 1978, with extensive experience in OEM manufactured products for the transport, mining, construction, chemical and recreational industries.

At our state of the art facility situated in southern Brisbane, we offer a wide range of small and very large products specialising in supplying clients' production lines.

Marky Industries are using a range of manufacturing processes to build products for our clients. These include traditional open moulding, closed mould systems that include resin transfer moulding, and vacuum bagging infusion technologies.

Being one of the largest users of the closed mould process in the Australian composites industry, and by working closely with our clients and their requirements, Marky Industries have the capacity to accept all specialised projects and bring them to fruition.

Capabilities

Product Capabilities
- Industrial, mining and petrochemicals
  - Pits and pit lids
  - Pipe
  - Tanks
- Building and construction
  - Façades and features
- Ground transportation
  - Automotive components
  - Composite repair of vehicles
  - Rail car panels
  - Rail nose cones
  - Truck and bus panels
  - Truck sleeper boxes and fit outs
- Consumer and leisure
  - Caravans and camper vans
  - Recreational equipment
  - Sports and leisure
- Electrical Equipment
- OEM

Process and Service Capabilities
- Manufacturing processes
  - Open moulding
  - Resin transfer moulding (RTM Lite)
  - Vacuum infusion
- Service capabilities
  - Tooling and mould manufacture
  - Just in Time deliveries
  - Vacuum Formed plastics

Industry
- Automotive
- Building and Construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure

Certification/Accreditations
- ISO 9001:2008 Quality Management System

Unique Selling Propositions and Key Partners and Programs
Marky Industries are experienced in specialty materials that are often used to cater to the performance and engineering needs that our clients require.

To ensure ease of manufacturing and quality of the products, Marky Industries are intimately involved with our clients in product development and tooling design.
Company Overview

Since 1967 McConaghy have been providing innovative and complex composite solutions for a range of industries including defence, transport, resources and architectural sectors.

With facilities in Sydney, Australia and China, McConaghy use a combination of the latest technology and generations of expertise to provide solutions to problems that challenge convention in other industries.

The 2012 Australian International Design Awards recognised McConaghy’s significant contribution to the overall winner James Cameron’s Deepsea Challenger.

Whilst for the last three years McConaghy has been awarded the Most Innovative Company at the Shanghai Show.

Capabilities

Product Capabilities

- Infrastructure
  - Bridge components
  - Buoyancy vessels
  - Poles and posts
- Industrial, mining and petrochemicals
  - Radomes
  - Rods
  - Tanks
- Ground transportation
  - Automotive components
  - Composite repair of vehicles
  - Fireproof structures
  - Large structural elements
- Marine and maritime
  - Catamarans
  - Defence vessel (component and subassembly)
  - Masts, keels and boat accessories
  - Runabout / dinghy
  - Sailing vessels – single hull
  - Skiffs and small competition boats
  - Underwater (ROV, dive vessels)

Product Capabilities (cont.)

- Building and construction
  - Façades and features
  - Modular structures
- Consumer and leisure
  - Arts and design
  - Film sets
  - Furniture

Process and Service Capabilities

- Manufacturing processes
  - Autoclave curing
  - Compression moulding
  - Open moulding (incl. chopper gun)
  - Vacuum infusion
- Service capabilities
  - Analysis of composite structures
  - CNC machining
  - Design of composite structure repairs
  - Design of composite structures
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites
  - Manufacturing process design
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

Whether our customers require prototype development, one off unique construction, or production runs, high tech composite materials, fibre glass or timber moulds or even compound curved concrete formwork with over 12,000m², over 320 staff, the latest CNC milling technology, autoclaves and high temperature vacuum curing systems McConaghy can provide the solution.
MEMKO Pty Ltd is an Australian solution provider of technology, engineering and training, supporting complex and highly regulated industries from aerospace, aviation, defence, automotive and energy to architecture, engineering, construction, and life sciences.

Our staff have extensive engineering, quality, manufacturing and management capabilities covering the following areas:

- engineering design, test and certification services
- continued engineering, regulatory and technical training
- regulatory approvals and organisational audits
- strategic planning, market research and business development

### Process and Service Capabilities

#### Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures
- Education and training
- Engineering certification and RPEQ services
- Manufacturing process design
- Tooling and mould design

### Industry

- Aerospace
- Materials, engineering and support services
- Defence

### Certification/ Accreditations

- ISO 9001:2008 Quality Management System
- AS9100 Rev C Quality Management System
- CASA Part 21M Design Approval

### Unique Selling Propositions and Key Partners and Programs

MEMKO Pty Ltd has a significant track record in delivering design, test and certification of aerospace products.

With highly capable and experienced staff MEMKO is cost competitive through low overheads, use of technology and efficient business processes.
Company Overview

Mining focused, Mineral Technologies (a Downer Company) forms relationships with clients to deliver fibre composite and mechanical mineral processing plants.

With a large in-house engineering department and strong business backing, Mineral Technologies has a proven EPC&M capability.

Specific to fibre-composites, Mineral Technologies has a full in-house design and pattern shop, ably supported by composite engineers who hold Engineers Australia and REPQ accreditation.

Capabilities

Product Capabilities
- Infrastructure
- Design – structural
- Industrial, mining and petrochemicals
- Mining equipment
- Radomes
- Tanks
- Building and construction
- Modular structures
- Ground transportation
- Large structural elements
- Tankers
- Trailers and components

Process and Service Capabilities
- Manufacturing processes
  - Bulk casting
  - Open moulding (incl. chopper gun)
  - Resin transfer moulding (RTM)
  - Vacuum infusion
- Service capabilities
  - CNC machining
  - Design of composite structures
  - Engineering certification and RPEQ services
  - Manufacturing process design
  - Prototyping services
  - Provision of research and development services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry
- Building and Construction
- Industrial, mining and petrochemical
- Infrastructure

Certification/Accreditations
- RPEQ - Registered Professional Engineer of Queensland
- ISO 9001:2008 Quality Management System

Unique Selling Propositions and Key Partners and Programs

Techniques available and employed include: spray up lamination, closed moulding, injection moulding, resin infusion, polyurethane processing.

Our facilities are well suited to the production of structural industrial components like tanks and panels, but we can easily accommodate freeform or highly complex components.
**Company Overview**

Mirage Sea Kayaks - Australian born & bred, expedition proven.

Established in 1988, Mirage Sea Kayaks is an iconic Australian brand, selling a wide range of high quality, sea kayaks to all types of paddlers. We are proud to offer fast, stable sea kayaks that handle and track well in all conditions, that over time have become expedition proven.

Our kayaks are hand-built in Australia with unique Mirage features, designed by experienced paddlers to increase your fun and comfort on the water.

Mirage sea kayaks can be professionally outfitted to suit your needs and we continue to draw on your feedback and our passion for paddling to design and enhance our kayaks for optimum performance and enjoyment.

**Capabilities**

**Product Capabilities**
- Consumer and leisure
- Kayaks and canoes
- Skis, oars, and paddles

**Process and Service Capabilities**
- Manufacturing processes
- Open moulding (incl. chopper gun)
- Vacuum infusion
- Service capabilities
  - Inspection and repair of composite structures
  - Tooling and mould manufacture

**Industry**
- Marine and maritime

**Unique Selling Propositions and Key Partners and Programs**

We dream big and so do Mirage paddlers.

Not for the faint hearted - time and time again, Mirage Sea Kayaks have been tested to their limits on incredible kayaking expeditions, undertaken by true Australian and international adventurers.

Refined and expedition ready, built to withstand the toughest of conditions at the hands of experienced kayakers, Mirage Sea Kayaks have been paddled into harsh and testing environments in the most remote corners of the world.

In the face of adversity, braving gruelling conditions, extreme winds and huge tidal currents, lifelong dreams have been fulfilled by Mirage paddlers in Mirage kayaks.

Mirage Sea Kayaks. Expedition proven.
Company Overview

Using advanced 3D design and engineering technology combined with some of the world’s largest format 5-axis CNC machines, mouldCAM delivers cost-effective, highly innovative computer-aided manufacturing solutions for complex shaping challenges.

Our in-house civil and composite engineers work with advanced composites and traditional materials like cast metal, alloys, timber and concrete to create complex 3D shapes and structures.

Our favourite projects are often the ones that have never been done before or that others consider impossible to build. As one of our customers once said, “mouldCAM are fearless”.

With manufacturing facilities and engineering offices around the world, mouldCAM presents a global approach to creating and delivering the right solution to make any shape possible.

Capabilities

Product Capabilities
- Infrastructure
- Wind turbine blades/components
- Building and construction
- Façades and features
- Modular structures
- Roofing
- Sheeting – flat
- Sheeting – modular
- Structural members
- Ground transportation
- Simulation – structural design
- Marine and maritime
- Masts, keels and boat accessories
- Sailing vessels – single hull
- Consumer and leisure
- Arts and design
- Furniture

Process and Service Capabilities
- Manufacturing processes
- Compression moulding
- Open moulding (incl. chopper gun)
- Pultrusion
- Resin transfer moulding (RTM)
- Vacuum infusion
- Service capabilities
- Analysis of composite structures
- CNC machining
- Design of composite structure repairs
- Design of composite structures
- Education and training
- Engineering certification and RPEQ services
- Inspection and repair of composite structures
- Inspection and repair of infrastructure with composites

Process and Service Capabilities (cont.)
- Service capabilities
- Manufacturing process design
- Non destructive evaluation
- Prototyping services
- Provision of research and development services
- Structural health monitoring (SHM) services
- Tooling and mould design
- Tooling and mould manufacture

Industry
- Building and construction
- Consumer and leisure
- Marine and maritime
- Materials, engineering and support services
Company Overview

Naval Architecture and Marine Solutions are consulting Naval Architects, located in Cockburn Central, a southern suburb in Perth, Western Australia.

We provide our services Australia wide, and also in Asia, New Zealand and Europe.

Our expertise and over twenty years of industry experience allows us to complete a wide range of naval architectural and consultant engineering roles across a number of market segments, including; shipbuilders, boat owners, vessel operators, mining, oil and gas, manufacturing and industrial.

Capabilities

Consultancy services in

- Infrastructure
- Buoyancy vessels
- Design – structural
- Industrial, mining and petrochemicals
- Mining equipment
- Building and construction
- Structural members
- Marine and maritime
- Buoyancy vessels
- Catamarans
- Commercial vessels – passenger
- Commercial vessels – trade
- Motor powered leisure craft
- Runabout / dinghy

Process and Service Capabilities

- Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures
- Engineering certification and RPEQ services

Industry

- Building and construction
- Industrial, mining and petrochemical
- Marine and maritime
Company Overview

NCS Composites Pty Ltd (Brisbane) is the major Australian distributor for NCS Resins South Africa which allows us to represent the world renowned technology of NORPOL™, POLYLITE™, and DION™.

NCS Resins South Africa is the largest unsaturated polyester resin and gelcoat manufacturer in the southern hemisphere and exports product throughout Australia, Africa, South Africa and East and Indian Ocean Islands.

NCS Resins South Africa, manufacturers to the ISO 9001:2000 quality management system with the aim of supplying the highest quality products at competitive prices, with excellent technical backup, and after sales service.

NCS Composites Pty Ltd (Brisbane) is the distributor for Fibre China Reinforcements and can offer a range of glassfibre products that support our comprehensive range of polyester and vinyl ester resins, gelcoats and flowcoats, peroxide catalysts and bonding adhesives.

Capabilities

Product Capabilities
- Supplier of raw materials
- Bonding materials, adhesives
- Core materials
- Gelcoats, flowcoats
- Glass fibre reinforcements
- Pigments, Colorants
- Resins - coating
- Resins – thermostet – epoxy
- Resins – thermostet – unsaturated polyester
- Resins – thermostet – vinyl ester
- Surfacing materials - fibrous
- Surfacing materials – gelcoats, paints, polymeric products

Industry
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Certification/ Accreditations
- ISO 9001:2000 Quality Management System

Unique Selling Propositions and Key Partners and Programs

The staff at NCS Composites in Brisbane has many years of experience in the fibreglass reinforcement industry and welcome you to contact them for advice, support and supplies.
Company Overview

NDT Equipment Sales, having commenced trading in 1992, continues to be a leading supplier of quality assurance and non destructive testing equipment, both nationally and internationally.

The product range is sufficient to allow our company to remain at the forefront within its field of operation.

The core objective of the company is its commitment to supply quality products, allied with quality service.

Capabilities

Process and Service Capabilities

- Service capabilities
- Analysis of composite structures
- Inspection and repair of infrastructure with composites
- Non destructive evaluation
- Thermal Wave imaging
- MicroWave inspection.

Industry

- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

NDT Equipment Sales Pty Ltd is a leading supplier of non destructive equipment and consumables to Australian industry and international clients.

The range of products include digital X-Ray, gamma equipment and isotopes, ultrasonics units and for composites thermal wave imaging, DolphiCam for composite impact damage.
Newell Composites based within Murray Bridge, SA, only 45 minutes from Adelaide. Our factory and administration is adjacent to the major highway which links Australia's east to west.

Newell Composites boasts a skilled workforce, specialising in composite reinforced plastics. We manufacture a broad spectrum of composite fibreglass products ranging from custom built, chemical resistance, pressure vessels, insulated and aquaculture tanks to name a few.

All products are made to order using the highest quality material to produce a product which is "Fit for Purpose" for your requirements.

Newell Composites have supplied products and services nationally and internationally to multinational companies with an excellent success rate.

Point Capabilities

Product Capabilities
- Infrastructure
- Pipes
- Industrial, mining and petrochemicals
- Mining ducts & vents
- Pipe
- Pipe repair
- Pits and pit lids
- Polymer concrete
- Pressure vessels
- Tanks
- Building and construction
- Materials – polymer concrete
- Sheeting – flat
- Ground transportation
- Tankers

Process and Service Capabilities
- Manufacturing processes
- Filament winding
- Open moulding (incl. chopper gun)
- Service capabilities
- Inspection and repair of composite structures
- Inspection and repair of infrastructure with composites
- Tooling and mould manufacture

Industry
- Building and construction
- Consumer and leisure
- Industrial, mining and petrochemical
- Infrastructure
- Water cartage and aquaculture

Unique Selling Propositions and Key Partners and Programs

At Newell Composites we pride ourselves on delivering the highest quality of composite reinforced glass products both Australia wide and internationally.

We aim to meet your requirements in a professional and approachable manner.
Company Overview

Julian Griffiths founded Noosa Marine in 2008 after a 25 year career honing his skills at various boat yards. He learnt his craft at Norman Wright and Sons in Brisbane in the late eighties, and has followed his passion as both a sailor and shipwright ever since.

Julian has been responsible for some very impressive boats on the water, including ten 33 foot Farrier trimarans, four Pescott design Whitehavens and most recently a G Force 15 ‘Mojo’ along with ‘Kato’ that was launched in May 2014 which is a Schionning G Force 1800 design.

Capabilities

Product Capabilities
- Infrastructure
- Buoyancy vessels
- Marine and maritime
- Buoyancy vessels
- Catamarans
- Commercial vessels – passenger
- Commercial vessels – trade
- Masts, keels and boat accessories
- Motor powered leisure craft
- Runabout / dinghy
- Sailing vessels – single hull
- Skiffs and small competition boats
- Underwater (ROV, dive vessels)

Process and Service Capabilities
- Manufacturing processes
- Resin transfer moulding (RTM)
- Vacuum infusion
- Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures
- Education and training
- Inspection and repair of composite structures
- Inspection and repair of infrastructure with composites
- Prototyping services
- Provision of research and development services
- Tooling and mould manufacture

Unique Selling Propositions and Key Partners and Programs

Noosa Marine specialise in custom boat building services and work closely consulting with the owners and designers to create a craft that will suit their needs. When taking on a project, the client can be assured that their project will get full dedication with an outstanding result.
**Company Overview**

Novafast is a global company offering cutting-edge technology in composite pipes and materials.

Novafast is an Australian based company supplying composite pipes, epoxy based treatments, waterproof chemicals, membranes to joint and grouts, coatings and related products worldwide.

Novafast offers complete design systems for structures, plant and equipment, where on-going costs of corrosion are not only counted in downtime, but also in the increasing costs attributed to environmental and safety issues.

Supplied directly or through licensed contractors, our capabilities extend across a broad range of service solutions already successfully delivered on-shore and offshore, always offering innovative technologies to diverse industries, such as: oil and gas, water/waste water, industry/energy, resources & mining, defence & marine and maintenance. Globally, Novafast's composite technology can provide design and construction solutions to meet your application requirements.

**Capabilities**

**Product Capabilities**
- Supplier of raw materials
- Bonding materials, adhesives
- Gelcoats, flowcoats
- Glass fibre reinforcements
- Resins - coating
- Resins – thermostet – epoxy
- Resins – thermostet – unsaturated polyester
- Resins – thermostet – vinyl ester
- Surfacing materials - fibrous
- Surfacing materials – gelcoats, paints, polymeric products

**Process and Service Capabilities**
- Manufacturing processes
- Filament winding
- Open moulding (incl. chopper gun)
- Service capabilities
- Design of composite structure repairs
- Design of composite structures
- Education and training
- Inspection and repair of composite structures
- Inspection and repair of infrastructure with composites
- Manufacturing process design
- Provision of research and development services

**Industry**
- Building and construction
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

**Unique Selling Propositions and Key Partners and Programs**

Innovation and reliability in composite pipes, vessels and construction materials.

The highest pressure LNG composite GRE pipes designed in Australia for a world market.

Always pursuing new techniques to improve products, with continuous innovation as a focus to providing the best solutions for the market.

A centre of excellence for composites research and development.

Fully accredited pipe and composites training courses.

Partners include BHP Billiton, Petronas, Conoco Phillips, SNC Lavalin, MWH, Clough, Fluor, GHD, BP, Chevron, Basetec Services, Woodside, McConnell Dowell, Santos, KBR, Origin, Parsons Brinckerhoff.
Company Overview

Nuplex Composites is the leading manufacturer of unsaturated polyester and vinyl ester resins, gelcoats and flowcoats in Australasia.

Our products are manufactured in Australia, New Zealand, Vietnam and Indonesia.

We also partner with highly respected global composite material suppliers to give our customers access to the most comprehensive product portfolio, distributed via our extensive supply chain and warehousing network.

We offer customers and end-to-end service - identification of the right solutions, research and development to create tailor-made products, and ongoing technical support.

Capabilities

Product Capabilities
- Manufacture of raw materials
- Bonding materials, adhesives
- Carbon fibre reinforcements
- Core materials
- Gelcoats, flowcoats
- Glass fibre reinforcements
- Pigments, Colorants
- Resins – thermostet – epoxy
- Resins – thermostet – unsaturated polyester
- Resins – thermostet – vinyl ester
- Surfacing materials - fibrous

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Certification/ Accreditations
- ISO 9001:2014 Quality Management System

Unique Selling Propositions and Key Partners and Programs

Nuplex Composites is the only manufacturer of unsaturated polyester and vinyl ester resins, gelcoats and flowcoats in Australia and New Zealand.

We supply our customers with the entire range of raw materials and ancillary equipment required to fabricate their composite finished goods.

These finished goods are sold into the marine, leisure, transport, aerospace, industrial and building construction markets.

We have the largest & most extensive warehousing and supply chain throughout ANZ, lead by the most experienced personnel in the industry.
Company Overview

Oceania Composites Engineering is the link between clients and the composites manufacturing sector by delivering a business-to-business service as well as to assist companies looking to adopt composite materials.

Engineering with composites covers a wide range of materials, processing technology and market sectors, Oceania aims to provide a fast route between customer need, design and economic manufacturing supply.

Even though we specialise in composites and thermoplastic materials, our mission is to provide our customer’s with the most effective solution of methods, materials and processes whether the answer lies with composites or more traditional materials.

Oceania Composites works on a worldwide basis with many clients throughout Australia, Asia and Europe.

Capabilities

Consultancy services in
- Infrastructure
- Bridge repair and upgrade
- Buoyancy vessels
- Design – structural
- Pipe liners
- Pipes
- Poles and posts
- Risers
- Industrial, mining and petrochemicals
- Mining ducts & vents
- Pipe
- Pipe repair
- Pits and pit lids
- Pressure vessels
- Radomes
- Tanks
- Ground transportation
- Energy absorbing structures
- Tankers
- Marine and maritime
- Buoyancy vessels
- Underwater (ROV, dive vessels)

Process and Service Capabilities
- Consulting in processes
- Filament winding
- Pultrusion
- Vacuum infusion
- Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures
- Education and training
- Engineering certification and RPEQ services
- Inspection and repair of composite structures
- Inspection and repair of infrastructure with composites
- Manufacturing process design
- Non destructive evaluation
- Provision of research and development services

Industry
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Certification/ Accreditations
- NPER & RPEQ registered
Company Overview

&U is a building system that utilises modern composite materials and manufacturing techniques to replace traditional building materials and building methods.

This results in an entirely new approach to building. The majority of components that make up the &U system are made from glass fibre reinforced polymers.

These materials are used in the boat building and aeronautical industries for their light weight, high strength, robust durability in extreme conditions, and low maintenance characteristics.

The use of this material (which outperforms both timber and steel on all major environmental indicators) allows all the building elements to be prefinished prior to delivery to site.

Capabilities

Product Capabilities
- Building and construction
- Façades and features
- Modular structures
- Sheeting – modular
- Structural members

Process and Service Capabilities
- Manufacturing processes
- Pultrusion
- Service capabilities
- Design of composite structures
- Tooling and mould design

Industry
- Building and construction

Unique Selling Propositions and Key Partners and Programs

Architecturally designed sustainable Buildings for remote and difficult access sites for affordable prices

In combination with an innovative patent pending connection system, a building can be simply assembled on site rather than relying on the complex conventional construction process.

This reduces the cost and time of the project and minimises reliance on numerous skilled trades.
Company Overview

Founded in 1938, Owens Corning is a US Fortune 500 company headquartered in Toledo, Ohio U.S.A, with approximately 19,000 employees in manufacturing, sales and research facilities in more than 26 countries on six continents, including Australia.

Owens Corning is a leading and authoritative global manufacturing of building material such as:

- Fiberglass composite: WUCS, DUCS, CSM, CFM, single & multi-end roving and veil & non-woven mat.
- Building material: fiberglass & rockwool insulation, asphalt shingles and extruded polystyrene board XPS.

Capabilities

Product Capabilities

- Manufacture of raw materials
- Glass fibre reinforcements

Process and Service Capabilities

- Service capabilities
- Analysis of composite structures

Industry

- Automotive
- Marine and maritime
- Materials, engineering and support services
Company Overview

At Pacific Paint & Fibreglass we support Australian made products. Concepts Paints, Trojan Fibreglass & Sigma Coatings are our preferred suppliers committed to providing products of the highest quality, developed for the Australian climate.

We are experienced in selecting and providing products that perform reliably in industrial environments. With excellent stock holdings and product knowledge, we can help you achieve the desired outcomes.

Products supplied by us have excellent market acceptance and reputation within the industry.

Through our strong network of suppliers we are able to access a large number of leading brand products.

We want to make sure that you are able to use the products with ease and confidence by providing you with the necessary technical data sheets and other relevant information to make your life easier and get the job done with proficiency.

We want to make sure all of our customers get a great level of customer care and service as you would expect from an automotive, marine and industrial supplier.

If you have products that you would like us to stock or if you would like to know more about a product(s) please contact us.

We stock a full range of Automotive, Marine & Industrial products for all types of applications:
- Primers, base coats, 2 pack solids and clear coats
- Miscellaneous ancillary items such as plastic primers, accelerators and fade-out thinners
- Quick dry industrial enamel, 2 pack enamel, polyurethane, urethane and epoxy coatings
- Fibreglass composites
- Resins & catalyst
- Epoxy & epoxy glues, and spray adhesives
- Gelcoats & flowcoats
- Antifouling & primers
- Safety wear
- Full range of abrasives and consumables
- Tools for your particular trade.

Capabilities

Supplier of:
- Automotive, marine and industrial fibreglass and paint supplies

Industry
- Automotive
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

We are distributors for:
- Concept Paint
- Trojan Fibreglass
- Sigma Coatings (PPG)
Company Overview

Pacific Resins is a leading supplier of resins and additives to the composites industries in Australia and New Zealand.

Pacific Resins is a family owned company which prides itself on technical ability, quality products and exceptional customer service. We are based in Wollongong, NSW, with stores in most state capitals for efficient service and delivery.

Dedicated business managers for each product range ensure that you will always be dealing with the most technically knowledgeable people for your specific needs.

Capabilities

Supplier of:
- Resins - coating
- Resins – thermoset – epoxy
- Resins – thermoset – unsaturated polyester
- Resins – thermoset – vinyl ester
- Primers
- Core materials

Industry
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

Pacific Resins is the exclusive distributor of Swancor products. Swancor is a world leading manufacturer of specialty epoxy vinyl ester (VER) and epoxy (EPR) resin products, resin systems, and specialty additives for use in composites.
Company Overview

PARTEC is one of the Asia Pacific region’s leading plastics training, education and technology diffusion facilities.

Plastics industry training offered by PARTEC is ideal for trade apprentices, existing tradespeople and businesses in the mining, advanced manufacturing, tooling, energy, water, aviation, transport, marine, fibre composites and construction industries, polymer processing, related toolmaking and tooling design.

As an Australian Registered Training Organisation (RTO), PARTEC can issue qualifications which are recognised in every Australian State and Territory, and is Queensland’s only RTO for the toolmaking, composites and plastic industries.

In addition, it has an exclusive contract with the Queensland Government to provide subsidised training for existing workers.

Capabilities

Product Capabilities
- Delivery of Certificate III in Polymer Processing (Composites),
- Trade apprenticeship for Composites Technician (Level 3),
- Certificate IV in Polymer Technology (Composites),
- Composites Technician (Level 4)

Process and Service Capabilities
- Manufacturing processes
  - Open mounding (incl. chopper gun)
  - Resin transfer moulding (RTM)
  - Vacuum infusion
- Service capabilities
  - CNC machining
  - Education and training
  - Provision of research and development services
  - Tooling and mould design

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Certification/ Accreditations
- Registered Training Organisation (RTO), National Authority No. 0195.
- NATA accredited testing laboratory, operating in accordance with ISO/IEC 17025 in the field of Mechanical Testing. Accreditation No. 17214.

Unique Selling Propositions and Key Partners and Programs

PARTEC was established as an industry owned skills centre.

It operates as a non-profit corporation with an industry association as the majority shareholder. This means direct ownership by the association members and a close working relationship.

Association members authorise the strategic planning so that the primary focus is about local industry and economic development in Queensland.

PARTEC was established on a model which offers services in consulting and research and development at the technician and trade level. This model ensures currency of experience and industry credibility.
Company Overview

PATH is an Australian consulting company specialising in composites, plastics, coatings and rubbers. We work predominantly in industrial environments with tanks, pipes and process equipment.

PATH is made up of degree qualified material scientists. Our staff have many years of experience working in industry including coating and resin manufacturing companies.

This background gives a firm technical base to our solutions but most importantly drives our work to be practical.

Typical Projects
1. Appraisal of service environment to enable material selection, reliability assessment and technical specification.
2. Inspection of current condition and determination of remedial measures.
3. Testing and failure analysis.

Capabilities

Consultancy services in
- Infrastructure
- Industrial, mining and petrochemical
- Building and construction
- Ground transportation

Process and Service Capabilities
- Service capabilities
- Education and training
- Inspection and repair of composite structures
- Inspection and repair of infrastructure with composites
- Non destructive evaluation

Industry
- Building and construction
- Industrial, mining and petrochemical
- Infrastructure
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs
If you’re strong in steel and concrete but not polymers then supplementing your internal resource with PATH’s services has many benefits:
- Strengthen and win bids through the inclusion of PATH’s niche polymer knowledge and experience
- Supplement your skill base without the costs associated with a full time employee
- All staff have at least 15 years industry experience working with polymers
- Professional indemnity and public liability insurance in place
Company Overview

Composites products manufacturing is our speciality. Our capabilities include design and engineering of moulds and plugs, fibreglass and composite component manufacturing and specialist composite product manufacturing since 1976.

You can find products by Penguin Composites in Antarctica, in Google’s Zurich offices, in mining exploration camps, our chairlift components in many airports worldwide, dash panels and heat-shields on underground machinery. Our heat reduction products are reducing the chance of fire at coal mines, our filament winder produces sewage vessels for an American customer. And that’s just the start! Check out: Islander Campers and Composite Poles Australia to find out what else we can manufacture!

Our products are designed in collaboration with our customers whether they are for mining, industrial, commercial, recreational or marine applications.

Capabilities

Product Capabilities

- Infrastructure
  - Bridge repair and upgrade
  - Pipes
  - Poles and posts
- Industrial, mining and petrochemicals
  - Heat shields
  - Mining ducts & vents
  - Pipe
  - Pipe repair
  - Pits and pit lids
  - Pressure vessels
  - Radomes
  - Tanks
- Building and construction
  - Façades and features
  - Modular structures
  - Sheetin – flat
- Ground transportation
  - Composite repair of vehicles
  - Rail car panels
  - Truck and bus panels
  - Truck bodies

Product Capabilities (cont.)

- Marine and maritime
  - Defence vessel (component and subassembly)
  - Masts, keels and boat accessories
  - Motor powered leisure craft
  - Consumer and leisure
  - Caravans and camper vans

Process and Service Capabilities

- Manufacturing processes
  - Compression moulding
  - Filament winding
  - Open moulding (incl. chopper gun)
  - Resin transfer moulding (RTM)
  - Vacuum infusion
- Service capabilities
  - CNC machining
  - Design of composite structures
  - Design of composite structure repairs
  - Inspection and repair of composite structures
  - Manufacturing process design
  - Tooling and mould design
  - Tooling and mould manufacture
  - Custom work

Industry

- Building and construction
- Industrial, mining and petrochemical
- Marine and maritime
- Consumer and leisure

Certification/ Accreditations

- AS 1546.1
- Onsite domestic waste water units - SAI Global

Unique Selling Propositions and Key Partners and Programs

The business has a network of suppliers in composite design, materials and processing knowledge. The business is involved with training providers in Lean management and the number of trades relevant to the variety of jobs that the company specialises in.
Company Overview

Plastool is an Australian owned family business.

With over 60 years experience in mould making we can provide solutions in new tooling and repairs and modifications to all types of moulds.

Acknowledged and recognised within our industry as leaders and forerunners we have now expanded into carbon fibre/composite tooling, precision machining and machining of carbon fibre components.

Capabilities

Product Capabilities

- RTM moulds
- Pultrusion tools
- Compression moulds
- 3D machining of carbon fibre and composites

Process and Service Capabilities

- CNC machining
- Prototyping services
- Tooling and mould design
- Tooling and mould manufacture

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation

Certification/ Accreditations

- ISO 9001 Quality Management Systems

Unique Selling Propositions and Key Partners and Programs

Plastool International is a first class engineering company with global connections, customized job tracking systems, 5 axis machining with less than 10 micron accuracy and complex 3D surface modelling and machining capability.
Polynt Composites Australia Pty Ltd
Level 1 / 16 Tullamarine Park Road
Tullamarine
Victoria, 3043

Contact
+61 3 9339 7300
sales@polynt.com

Company Overview
Established from the merger of Cray Valley, Cook Composites & Polymers and Polynt. Polynt Composites is a global leader in thermoset composites.

Our leading position is due to a dual function as a producer of unsaturated polyester resins, gelcoats, and derivatives, and as a specialist distributor of products and services for the composites industry.

Present on four continents, Polynt Composites provides its customers with innovative solutions. We draw upon global research and expertise to deliver local and immediate products and service, tailor made to your requirements.

Against this background, Polynt Composites Australia Pty Ltd is your resourceful supply partner, providing quality resins, gelcoats, glass reinforcements and associated composite materials and service to strengthen the local industry.

Capabilities
Product Capabilities
- Manufacture and supply of raw materials
  - Bonding materials, adhesives
  - Carbon fibre reinforcements
  - Core materials
  - Gelcoats, flowcoats
  - Glass fibre reinforcements
  - Pigments, Colorants
  - Resins - coating
  - Resins – thermostet – epoxy
  - Resins – thermostet – unsaturated polyester
  - Resins – thermostet – vinyl ester
  - Surfacing materials - fibrous
  - Surfacing materials – gelcoats, polymeric products

Process and Service Capabilities
- Service Capabilities
  - Education and training
  - Non destructive evaluation
  - Provision of research and development services

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs
We manufacture and distribute locally, from three flexible resin & gelcoat blend plants in Perth, Brisbane and alongside head office in Melbourne.

Our manufacturing and distribution is complimented by senior account managers, a technical division and customer service support team that supports and services all states and territories of Australia.

At Polynt Composites, we are creating progress.
POTTERS INDUSTRIES PTY LTD

100-102 Boundary Road
Sunshine West
VIC, 3020

Contact
+61 3 9708 9200
microspheres@potters.net.au

www.pottersbeads.com

Company Overview

Potters Industries is a leading producer of engineered glass materials serving the composites, highway safety, metal finishing, and conductive particle markets as well as the oil and gas industry.

Potters produces most of its glass beads by utilizing recycled glass as a starting material.

Through its research and technology advancements, Potters has developed product lines that include hollow glass microspheres used as weight-reducing fillers in fabricated plastics, automotive body putties, as extenders in adhesives and paints/coating formulations and are used as sensitizers in industrial explosives.

Capabilities

Product Capabilities

- Manufacturer of raw materials
- Low-density, performance-enhancing additive

Additive used in the production of

- Bonding materials, adhesives
- Core materials
- Gelcoats, flowcoats
- Glass fibre reinforcements
- Resins - coating
- Resins – thermoplastic
- Resins – thermoset – epoxy
- Resins – thermoset – unsaturated polyester
- Resins – thermoset – vinyl ester
- Surfacing materials – gelcoats, paints, polymeric products

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Marine and maritime

Certification/ Accreditations

- ISO 9001:2008 Quality Management System
- ISO 14001:2004 Environmental Management System

Unique Selling Propositions and Key Partners and Programs

Potters manufactures a low-density, performance-enhancing additive which has

- Fewer defects: excellent mold flow, uniform dispersion
- Reduced compound density and viscosity
- Increased acoustic and thermal insulation
- Reduced cost and better handling in flexible compounds
- More uniform, closed-cell structure in syntactic compounds
- Cost reduction from sandpaper and labor savings for putties

Potters worldwide manufacturing and distribution network supplies its customers from 25 strategically located production points – 12 in the U.S. and Canada, two each in the United Kingdom, Australia, France, Japan and one each in Mexico, Brazil, Germany, Poland and Thailand.
Company Overview

Quickstep is an Australian-listed company which manufactures advanced composite structures and develops and licences advanced composite manufacturing technologies for the global market.

Quickstep has world-class capabilities and expertise in the production of aerospace and automotive advanced composite components using both conventional autoclave-based manufacturing and leading out-of-autoclave production technologies, including “Qure” (our patented Quickstep Process) and Resin Spray Transfer (RST).

Quickstep has 3 business units;
- Composite Manufacturing
- Quickstep Aerospace
- Quickstep Automotive
and locations at Bankstown (NSW), Geelong (Vic), and Ottobrunn (Germany)

Capabilities

Product Capabilities
- Unique manufacturing technologies for out-of-autoclave production of advanced composite materials
- Patented curing system known as “Qure”
- Resin Spray Transfer process (RST)

Process and Service Capabilities
- Manufacturing processes
- Autoclave curing

Industry
- Aerospace
- Automotive
- Ground transportation

Certification/ Accreditations
- ISO 9001 Quality Management System
- AS9100C
- NADCAP

Unique Selling Propositions and Key Partners and Programs

The Quickstep facility at Bankstown, NSW is world class with large autoclaves, very close-tolerance PMMs, CMMs, 10-axis NDT, large clean rooms, laser projectors, Quickstep RST and curing equipment.

Current contracts include Lockheed Martin C130J Flaps, Northrop Grumman F-35 centre fuselage doors and panels and BAE Systems F-35 vertical tail spars, skins and fairings.

Quickstep has proven applications of both RST and curing technologies in Aerospace and Automotive providing autoclave quality aerospace parts and Class A automotive parts and is partnering OEMs in the further development of applications of these Quickstep patented technologies.
Company Overview

Redmond Gary Australia commenced operations in 1963 and is a well established manufacturer of specialised equipment for use in handling overhead, underground and trailing cables.

Our comprehensive range of equipment includes elevating work platforms, crane borers and cable handling equipment. We have earned our reputation by supplying high quality reliable machinery to our customers throughout Australia and around the world.

Our equipment is proudly designed and manufactured right here in Australia and fully complies with Australian Standards.

This equipment has rugged design characteristics ensuring long life in harsh Australian conditions.

Industry
- Automotive
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

We have a strong growing design capability including; engineering, advanced finite element analysis, testing, mould design and manufacture.

RGA background is in cable handling and access equipment making mobile elevated working platforms, amongst other equipment, for various electricity providers.

In-house or though our approved subcontractors we are able to design and manufacture structural and/or high grade insulated equipment for a wide range of uses.

We are able to manufacture high precision parts from CNC metal or composite moulds using vacuum infusion or vacuum assisted resin transfer moulding.
Company Overview

Regina Glass Fibre Pty Ltd was established in 1963, with a purpose built factory located in Ballarat.

Originally a part of the British Regina Glass Fibre Company, our company is now independently owned while retaining access to the leading glass and fibre technologies in Europe and its own in-house knowledge and skills.

We supply a wide range of tissues in Australia and 17 countries.

OUR PRODUCTS: FIRESHIELD - Surface Tissue – Moulding Tissue – Pipe Wrap Felt – Irrigation Mat – Battery Separator felts – Battery Silver Felts – Black Coated Tissue - Mastic Roofing Mat – Insulation Facing Mat - Glass Wool

Capabilities

Product Capabilities

- Manufacture of raw materials
- Surfacing materials - fibrous
- Glass fibre reinforcements
- Carbon fibre reinforcements

Used in the production of

- Infrastructure
  - Pipe liners
  - Rebar – corrosion resistant
- Industrial, mining and petrochemicals
  - Heat shields
  - Pressure vessels
- Building and construction
  - Materials – polymer concrete
- Ground transportation
  - Composite repair of vehicles
  - Fireproof structures
- Marine and maritime
  - Masts, keels and boat accessories

Industry

- Aerospace
- Automotive
- Building and construction
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Certification/ Accreditations

- ISO 9001:2008 Quality Management System
Company Overview

For nearly 40 years, Revolution Fibreglass, based in the outer Melbourne suburb of Bayswater, has worked to build its reputation on production excellence, service and quality.

In 2006, Robert Miller bought the business with a vision to deliver the highest standards of composite design and manufacture.

From humble beginnings with only 2 staff members in 2006, today Revolution Fibreglass has 9 staff producing the highest quality parts in a medium to high volume shop.

Capabilities

Product Capabilities
- Industrial, mining and petrochemicals
  - Mining ducts & vents
  - Pits and pit lids
  - Radomes
  - Tanks
- Building and construction
  - Bathroom fittings
  - Façades and features
  - Modular structures
  - Sheeting – flat
- Ground transportation
  - Automotive components
  - Composite repair of vehicles
  - Trailers and components
  - Truck and bus panels
  - Truck bodies
- Consumer leisure
  - Caravans and camper vans
  - Film sets
  - Horse floats
  - Trailer bodies and components

Process and Service Capabilities
- Manufacturing processes
  - Open moulding (incl. chopper gun)
  - Resin transfer moulding (RTM)
  - Vacuum infusion
- Service capabilities
  - Tooling and mould design
  - Tooling and mould manufacture

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation

Certification/ Accreditations
- ISO 9001 Quality Management System
- OH&S, Green Energy (applied for recognition)

Unique Selling Propositions and Key Partners and Programs

RTM is our business for high end market products that require the absolute best finishes and tolerances.

Service and quality is what makes us the best in the business.
Company Overview

The Australasian distributor for Axson Technologies - a worldwide manufacturer of high technology resins for innovative industries.

Leader in the field of elastomers and resins applied to design, tooling and prototyping, Axson Technologies offers a comprehensive product range for the creation of models and moulds used for style trials, product testing and pre-production studies.

Rezco offers an extensive range of epoxies, polyurethanes, adhesives and tooling boards.

This range encompasses manufacturing solutions across many fields in the automotive, marine, prototyping, foundry, mould making and construction industries.

Capabilities

Product Capabilities

- Supplier of:
  - Bonding materials, adhesives
  - Carbon fibre reinforcements
  - Core materials
  - Gelcoats, flowcoats
  - Glass fibre reinforcements
  - Pigments, Colorants
  - Resins - coating
  - Resins – thermoplastic
  - Resins – thermostet – epoxy
  - Surfacing materials - fibrous
  - Surfacing materials – gelcoats, paints, polymeric products

Industry

- Aerospace
- Automotive
- Building and construction
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

Direct source of materials from the manufacturer to the user.
Company Overview
With over 45 years experience, Ron Gee Enterprises is a major provider of design, manufacturing and installation services to the mining, chemical, water, sewage and aquaculture industries throughout Australia.

We specialise in reinforced plastic products including corrosion resistant tanks, vessels, ducting, piping and chemical resistant linings.

Capabilities
Product Capabilities
- Infrastructure
  - Design – structural
  - Pipe liners
  - Pipes
- Industrial, mining and petrochemicals
  - Mining ducts & vents
  - Mining equipment
  - Pipe
  - Pipe repair
  - Pits and pit lids
  - Polymer concrete
  - Pressure vessels
  - Radomes
  - Tanks
- Building and construction
  - Roofing
  - Sheeting – flat
  - Structural members
- Ground transportation
  - Tankers

Process and Service Capabilities
- Manufacturing processes
  - Compression moulding
  - Filament winding
  - Open moulding (incl. chopper gun)
  - Pultrusion
  - Vacuum infusion
- Service capabilities
  - Analysis of composite structures
  - Design of composite structure repairs
  - Design of composite structures
  - Inspection and repair of composite structures
  - Inspection and repair of infrastructure with composites
  - Non destructive evaluation
  - Tooling and mould design
  - Tooling and mould manufacture

Industry
- Industrial, mining and petrochemical
- Marine and maritime
- Materials, engineering and support services

Certification/ Accreditations
- ISO 9001:2008 Quality management system

Unique Selling Propositions and Key Partners and Programs
RGE is focused on quality, reliability and customer service which it achieves by using trained and experienced staff, innovative engineering, high level understanding of chemical corrosion and a commitment to continuous improvement by adopting and refining new technology and products.

Specialty requirements can be incorporated into the design of vessels such as agitation requirements, fire retardancy, electrical conductivity, abrasion resistant linings as well as ladders and walkways.
Company Overview

Ross Cook founded Rosco Canoes more than 45 years ago when he discovered his passion for design, building canoes and composites materials.

Over this time, Rosco Canoes has pioneered canoeing in Queensland to what it is today.

Ross designs, and together with the manufacturing team produces, outstanding quality canoes and kayaks that are sold throughout Australia to individuals, Scouts and many outdoor education centres.

Our team are renowned for their attention to detail, keeping update with new technologies through out their manufacturing and repair processes.

We have a 20’ oven for where we thermo vacuum form canoe shells. It has the capabilities of post curing products with the ability of ramping temperature. It is available for use.

Capabilities

Product Capabilities

- Marine and Maritime
  - Repair of composite marine craft and green cabs
- Consumer and leisure
  - Kayaks and canoes
  - Skis, oars, and paddles
  - Slippery slides

Process and Service Capabilities

- Manufacturing processes
- Open moulding
- Vacuum infusion
- Service capabilities
  - Manufacturing process design
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Consumer and leisure
- Marine and maritime

Certification/ Accreditations

- Composite Technician Level 3 issued by Partech

Unique Selling Propositions and Key Partners and Programs

Our handmade composite canoe, kayak and associated accessory range is designed for Australian conditions and manufactured locally for over 45 years.

We are a family owned and run business. Our products are highly sought after through the paddling industry and renowned for quality of design, manufacture, finish and customer service.

We are the preferred supplier of canoes, kayaks and on water safety equipment through out the Qld education system, Scouts and Guides.

We are closely partnered with the state paddling body - Queensland Canoeing and the governments NPO the Queensland Outdoor Recreation Federation (QORF).
Company Overview

RPC Pipe Systems is Australia's leading manufacturer of continuously wound glass reinforced plastic (GRP) pipe and associated fittings operating from state of the art manufacturing facilities in South Australia (Lonsdale).

It holds an exclusive Australian manufacturing and support licence for Flowtite®, the world's most advanced and respected continuous wound GRP pipe systems, technology and brand. Flowtite® GRP pipe and fittings are ideal for water infrastructure, irrigation, sewer and environmental management applications, particularly where performance, strength and endurance are essential.

They offer superior corrosion resistance, durability, and hydraulic flow characteristics. Flowtite® also presents a more cost effective upfront and through life solution with lower installation, maintenance and operating costs.

RPC Pipe Systems employs 65 skilled staff at its Lonsdale plant, and distributes its Flowtite® pipe and fittings throughout Australia, New Zealand and the Pacific region through Iplex Pipelines Australia Pty Limited (Iplex), and distributes its Flowtite® products in SEAsia through RPC Technologies Pty Ltd.

Capabilities

Product Capabilities
- Infrastructure
- Pipes
- Jacking pipe
- Industrial, mining and petrochemical
- Pipe
- Pipe repair
- Pipe fittings, manholes and retention tanks

Process and Service Capabilities
- Manufacturing processes
- Filament winding
- Service capabilities
- Design of composite structures

Industry
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials engineering and support services

Certification/ Accreditations
- ISO 9001 Quality Management System

Key Partners
- RPC Technologies Pty Ltd
- On the Board of WIA (Water Industry Australia)
- Flowtite® Technology of Norway

Unique Selling Propositions and Key Partners and Programs

RPC Pipe Systems has the world's best GRP piping technology and is Australia's premier GRP piping company.

RPC Pipe Systems has; engineering and manufacturing know-how, expertise and experience to meet the most significant and/or complex of project demands. The most advanced GRP pipe technologies, capabilities and operational synergies available to deliver superior quality and outcomes to clients.

The advantage of local manufacture, scale and influence across the supply chain to provide the flexibility, speed of delivery and responsive service support that importers are not able to match.

Our parent company, RPC Technologies provides composite solutions for a wider market sector.
Company Overview

RPC is Australia’s premier designer and manufacturer of quality fabricated and fibre composite products. RPC also offer through life support and maintenance services for their products.

With world leading engineering expertise in fabrication and the application of advanced composite materials, RPC Technologies is a multi award winning manufacturer serving the defence, industrial, mining & energy, piping and public transport sectors.

From ballistic defence systems, to industrial and environmental infrastructure, to major water infrastructure piping systems, to passenger rail interiors and exteriors, RPC is a progressive and diversified Australian business.

RPC is headquartered in Seven Hills with manufacturing facilities in Newcastle, Sydney, Geelong, Adelaide and Batam (Indonesia) as well as sales offices in Singapore, Thailand and Malaysia.

Today, RPC employs over 500 skilled staff … a company and its people embracing the values of excellence and innovation in everything they do.

Capabilities

Product Capabilities

- Infrastructure
  - Bridge repair and upgrade
  - Design – structural
  - Odour containment, covers and ducting
  - Pipe liners
  - Pipes
  - Risers
  - Jacking Pipe
- Industrial, mining and petrochemical
  - Ventilation ducts
  - Pipe
  - Pipe repair
  - Radomes
  - Tanks
- Building and construction
  - Bathroom fittings
  - Façades and features
  - Modular structures
- Ground transportation
  - Rail car panels
  - Truck and bus panels
- Marine and maritime
  - Defence vessel (component and subassembly)

Process and Service Capabilities

- Manufacturing processes
- Filament winding
- Resin transfer moulding (RTM)
- Vacuum infusion
- Service capabilities
- Analysis of composite structures
- CNC machining
- Design of composite structure repairs
- Design of composite structures
- Inspection and repair of composite structures
- Prototyping services
- Provision of research and development services
- Tooling and mould design
- Tooling and mould manufacture

Industry

- Building and construction
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Certification/ Accreditations

- ISO 9001 Quality Management System
- AS 4801 OH&S Management

Unique Selling Propositions and Key Partners and Programs

40 years of performance in relation to Australia’s most significant water and wastewater projects.

Fully equipped and project ready facilities including research, testing and quality assurance.

The capability and capacity to offer tailored and timely solutions to meet client and project demands.

The experience and know how to ensure optimum project economies to stakeholders.

KEY PARTNERS
Azzuro, Hanwei, GDELS, Acrow Bridging, Advanced Pump Technologies
Company Overview

Ryman Composites is located in western Sydney and specialises in the design and manufacture quality composite components for many diverse industries.

The business was created to meet the needs of the transportation and automotive recreational vehicle sectors but has successfully branched into other fields to customers seeking the same benefits of composite materials with an A class quality finish.

Our production facility utilises traditional open and closed molded technology to quickly deliver parts to our customer's specifications.

We provide our services to many clients throughout their product life cycle from concept, CAD, design for manufacture, pattern and mould fabrication, prototyping and volume production, inspection, installation and maintenance.

Capabilities

Product Capabilities
- Industrial, mining and petrochemical
  - Tanks
- Building and construction
  - Bathroom fittings
  - Modular structures
  - Roofing
- Ground transportation
  - Automotive components
  - Rail car panels
  - Trailers and components
  - Truck and bus panels
  - Truck bodies
- Marine and maritime
  - Buoyancy vessels
- Consumer and leisure
  - Arts and design
  - Caravans and camper vans
  - Furniture
  - Horse floats
  - Skis, oars, and paddles
  - Trailer bodies and components
  - Cinema screens and chemical fume cupboards

Process and Service Capabilities
- Manufacturing processes
  - Open moulding (incl. chopper gun)
  - Resin transfer moulding (RTM)
  - Vacuum infusion
- Service capabilities
  - CNC machining
  - Design of composite structures
  - Manufacturing process design
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture
  - Laser scanning
  - Surface digitisation

Industry
- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

For over 20 years Ryman Composites has manufactured IMC Class A composite parts for the RV industry.

We are a primary composite parts supplier to Avida Winnebago Australia and OEM parts supplier to UD-Volvo.

Ryman Composites has strategic distribution partnerships with Aerotrans / Aeroz Products Fuelscoop and NoseCone, and a design and manufacturing partnership with Synflyt for their GA-SFTD.
Company Overview

Established in Sydney in 1984, Safety Equipment Australia (SEA) imports and distributes Sundström respirators, Trellchem protective suits and Interspiro S.C.B.A.

SEA has become a premier name in the field of industrial respiratory protection and is an instrumental force in the development of Australian safety standards as well as the new ISO world standard of breathing protection.

SEA also designs and manufactures high performance positive-pressure demand equipment, notably the SE400 and SE40 respirators.

Capabilities

Product Capabilities
- Respiratory protection
- Respirators
- Protective suits
- Self-contained breathing apparatus

Industry
- Respiratory protection and personal protective equipment

Certification/ Accreditations
- ISO 9001:2008 Quality Management System

Unique Selling Propositions and Key Partners and Programs

Safety Equipment Australia Pty Ltd (S.E.A.) specialises in respiratory protective equipment supplying respiratory protection to all industry types including; first responders in emergency services and healthcare in Australia and overseas.

S.E.A. is an importer, wholesaler and manufacturer with our own engineering, manufacturing and test lab facilities.
Company Overview

Manufacturer of extruded silicone rubber profiles.

Applications include vacuum seals for composites manufacturing processes as well as seals for finished goods such as marine craft, transport and industrial machinery.

Our products include: seals for extreme heat and cold (from industrial ovens to Antarctic buildings), flame retardant seals for naval vessels, autoclave seals for steam and dry air applications, and delicate valve components for medical equipment.

Capabilities

Product Capabilities

- Extruded silicone rubber profiles

Used in the production of

- Industrial, mining and petrochemical
  - Heat shields
  - Pressure vessels
- Ground transportation
  - Automotive components
  - Fireproof structures
  - Rail car panels
- Marine and maritime
  - Commercial vessels – passenger
  - Commercial vessels – trade
  - Defence vessel (component and subassembly)
  - Motor powered leisure craft
- Consumer and leisure
  - Caravans and camper vans

Industry

- Building and construction
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

We can assist in product design and development, we manufacture tooling in-house and short runs are our speciality.
Australian Composites Pty Ltd is a privately owned Melbourne based manufacturer of UV curable prepregs and a division of The Specialty Group, one of Australia’s largest technical textile mills who have been in business since 1978.

The company manufactures over 200 different resin impregnated fibreglass materials for a multitude of industries where specialised prepregs are used. Over 5 million dollars has been spent designing and developing the range of UV curable prepregs which are now sold worldwide for use in many applications.

All polyester and vinyl ester resin formulations are produced in house to the highest quality standards. All types of glass substrates are available such as E glass, S glass and C glass in all types of weaves including; plain weaves, satins, twills, crows feet, single bias, double bias, quadraxial, chop strand mat, woven roving, and many more.

Company Overview

Capabilities

Product Capabilities
- Manufacture of raw materials
- Glass fibre reinforcements
- Resins - coating
- Resins – thermoplastic
- Resins – thermoset – epoxy
- Resins – thermoset – unsaturated polyester
- Resins – thermoset – vinyl ester

Used in the production of
- Infrastructure
  - Bridge repair and upgrade
  - Pipe liners
  - Risers
  - Wind turbine blades/ components
- Industrial, mining and petrochemicals
  - Heat shields
  - Pipe
  - Pipe repair
  - Pits and pit lids
  - Radomes
- Ground transportation
  - Composite repair of vehicles
  - Truck and bus panels

Process and Service Capabilities
- Service capabilities
- Design of composite structures
- Provision of research and development services

Industry
- Automotive
- Building and construction
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Certification/ Accreditations
- ISO 9001 Quality Management System

Unique Selling Propositions and Key Partners and Programs

Total production capacity of UV curable prepregs is over 20,000 kilos a week and the company is capable of producing small trial lots right through to large FCL quantities. The company is ISO9001 certified and accredited suppliers to the Australian and New Zealand departments of defence.

The company occupies four factories spread across a 35,000 sq ft multi building site facility. It has two complete test laboratories and a full R & D and technical team. The company’s technology has successfully been used by departments of defence, private enterprises and public companies alike.

Australian Composites is a registered member of Composites Australia, the peak industry association and a an associate member of CRC – ACS.
Company Overview

Striking Distance established in 1994 on Queensland's Sunshine Coast.

We are deep specialist in converting traditional manufacturing materials i.e. steel, alloy and timber to composites (Fibreglass).

Striking Distance has for the past 21 years been producing composite close moulds and components for some of the largest corporations around globe, for example Volvo (fenders), Mercedes-Benz (radiator shrouds) Pentair (pressure vessels) and Caterpillar (bonnets).

So working to specification and under non-disclosure are second nature to our team.

Let’s see what we can do for you?

Capabilities

Product Capabilities
- Infrastructure
  - Wind turbine blades/components
- Design – structural
- Bridge repair and upgrade
- Bridge components
- Industrial, mining and petrochemicals
  - Tanks
  - Pressure vessels
- Building and construction
  - Structural members
  - Sheeteting – modular
  - Sheeteting – flat
  - Modular structures
  - Façades and features
- Ground transportation
  - Truck and bus panels
  - Trailers and components
  - Tankers
  - Rail car panels
  - Composite repair of vehicles
  - Automotive components
- Consumer and leisure
  - Skis, oars, and paddles
  - Kayaks and canoes
  - Film sets
  - Caravans and camper vans

Process and Service Capabilities
- Manufacturing processes
- Vacuum infusion
- Resin transfer moulding (RTM)
- Open moulding (incl. chopper gun)
- Compression moulding
- Service capabilities
- Tooling and mould manufacture
- Tooling and mould design
- Prototyping services
- Manufacturing process design
- Design of composite structures
- Design of composite structure repairs
- CNC machining
- Analysis of composite structures

Unique Selling Propositions and Key Partners and Programs

Striking Distance has over the past two decades developed a unique and comprehensive global collaboration of composite industry specialists, capable of delivering a project from concept/prototype too small to medium scale production.

We can now offer managed commercialisation for any of our projects.
Company Overview

Superyacht Solutions Pty Ltd conducts OEM fairing & finishing to composite components of all construction methods, materials & sizes.

We have particular expertise in predicting, minimising and measuring visual surface effects arising from design and thermal behaviour of laminates.

Superyacht Solutions group is a global organisation with offices in the UK, Hong Kong & Australia.

Capabilities

Finishing Capabilities
- Building and construction
- Façades and features
- Ground transportation
  - Rail car panels
  - Truck and bus panels
- Marine and maritime
  - Catamarans
  - Commercial vessels – passenger
  - Commercial vessels – trade
  - Defence vessel (component and subassembly)
  - Masts, keels and boat accessories
  - Motor powered leisure craft
  - Sailing vessels – single hull
- Consumer and leisure
  - Arts and design
  - Caravans and camper vans
  - Furniture
  - Horse floats
  - Kayaks and canoes
  - Skis, oars, and paddles

Process and Service Capabilities
- Service capabilities
  - Design of composite structures
  - Education and training
  - Inspection and repair of composite structures
  - Manufacturing process design
  - Non destructive evaluation
  - Provision of research and development services
  - Tooling and mould manufacture

Unique Selling Propositions and Key Partners and Programs

Superyacht Solutions provides high quality, rapid, cost-effective finishing solutions for manufacturers of large scale composite products & components.

Industry
- Materials, engineering and support services
- Marine and maritime
- Ground transportation
- Consumer and leisure
- Building and construction
- Aerospace
Company Overview

Swarbrick and Swarbrick Yachts is an international producer of composite yachts, architectural design features, sculptures, repairs and maintenance; and automobile bodies and parts.

Swarbrick family started building yachts commercially in 1965 and were pioneers in Australia, building composite yachts with the introduction of the S&S34 in 1968.

Glenn Swarbrick has carried on the family tradition of building yachts and has grown the business into a diversified company building composite structures as varied as bridges and sculptures.

Glenn has shared the vision and dreams of countless clients, creating products to the highest quality standards, designed and custom made to the clients brief.

With over 30 years of composite yacht building we are using this expertise to develop composites into market places that have been traditionally using timber, steel and concrete.

Capabilities

Product Capabilities

- Infrastructure
  - Bridge components
  - Bridge repair and upgrade
  - Buoyancy vessels
  - Design – structural
- Industrial, mining and petrochemicals
  - Mining equipment
  - Pipe repair
- Building and construction
  - Façades and features
  - Modular structures
  - Roofing
  - Sheeting – flat
  - Sheeting – modular
  - Structural members
- Ground transportation
  - Automotive components
  - Composite repair of vehicles
  - Fireproof structures
  - Large structural elements
  - Rail car panels
  - Truck and bus panels
- Marine and maritime
  - Buoyancy vessels
  - Motor powered leisure craft

Product Capabilities (Cont.)

- Marine and maritime (cont.)
  - Masts, keels and boat accessories
  - Sailing vessels – single hull
  - Underwater (ROV, dive vessels)
- Consumer and leisure
  - Arts and design
  - Caravans and camper vans
  - Surf boards

Process and Service Capabilities

- Manufacturing processes
  - Compression moulding
  - Open moulding (incl. chopper gun)
  - Resin transfer moulding (RTM)
  - Vacuum infusion
- Service capabilities
  - CNC machining
  - Design of composite structure repairs
  - Design of composite structures
  - Inspection and repair of composite structures
  - Manufacturing process design
  - Prototyping services
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

We have the ability to think outside the square in the way to solve problems in both design and construction.

We utilize many manufacturing processes and unique mould designs to be able to construct the most complex of shapes and sizes.

Our CNC and general machining capability is large and we can produce patterns, moulds and items in materials such as foams, plastics, composites, timber, aluminium and steel.
Company Overview

Sydney’s Aerospace and Defence Interest Group provides a focus and a forum for Sydney’s Aerospace and defence industry sectors, to facilitate their growth working closely with government agencies and industry associations to attract a higher percentage of defence and aerospace business into the greater Sydney region.

SADIG’s purpose is to identify new additional strategic opportunities which can only be tackled on a collaborative basis, to provide feedback to industry members and other stakeholders, including the State and Commonwealth governments, on the make-up and health of the aerospace and defence industry sectors; to identify key factors and trends affecting it and to help facilitate industry access to available government support and services.

SADIG has a growling list of industry associations, companies and research bodies involved in the defence and aerospace industry within the greater Sydney region.

Capabilities

Service Capabilities
- Education and training
- Provision of research and development services
- Networking

Industry
- Aerospace
- Automotive
- Marine and maritime
- Defence and manufacturing

Unique Selling Propositions and Key Partners and Programs

We help our members to help themselves by facilitating, encouraging and supporting collective efforts and initiatives designed to benefit the industry as a whole.
Company Overview
Sykes began its journey back in 1966 as a small rowing boat builder run by enthusiasts but has long since transformed.

Employing a highly trained and experienced workforce, Sykes Racing now drives innovative design and manufacturing techniques to produce gold medal winning rowing craft and other composite components.

With one of the largest 5-axis CNC machines in Australia, dedicated design team and many years of experience with advanced composites Sykes Racing is now looking to leverage its experience, skills and technology to enter into new market segments.

Capabilities

Product Capabilities
- Marine and maritime
- Skiffs and small competition boats
- Rowing shells
- Prototype to manufacture
- Vacuum bag technologies

Process and Service Capabilities
- Manufacturing processes
- Continuous laminating
- Vacuum infusion
- Service capabilities
- CNC machining
- Prototyping services
- Tooling and mould design
- Tooling and mould manufacture

Industry
- Consumer and leisure

Certification/ Accreditations
- Working towards quality standard ISO 9002

Unique Selling Propositions and Key Partners and Programs
Innovation at Sykes happens daily in design and construction but also via partnerships with world leaders in technology.

So that we stay in front of the pack, our team of leading craftsmen in their field are backed by the latest equipment to evolve our designs every day.

We do this in collaboration with top international competitors, coaches and industry experts from around the world.

Using advanced computer modelling, we can now evolve and test designs faster than ever before.
Company Overview

Talon conducts contract R&D for 3rd parties. Taking projects from pencil sketch to volume production in one of a number of Asian mass manufacturers.

We also conduct in-house R&D programs that develops core technologies and explore the outer limits of what is possible in advanced materials technology.

Most of our work is in consumer products, primarily sporting goods and furniture, however we have done parts for major defence contractors.

We have a number of products in the permanent collectors of the Powerhouse and Scienceworks Museums and have won The Australian Design Award for the hydro 2 fin for FCS.

Capabilities

R&D Services in

- Building and construction
- Bathroom fittings
- Consumer and leisure
- Arts and design
- Furniture
- Helmets
- Skis, oars, and paddles

Process and Service Capabilities

- Manufacturing processes
- Compression moulding
- Resin transfer moulding (RTM)
- Vacuum infusion
- Service capabilities
- CNC machining
- Design of composite structures
- Manufacturing process design
- Prototyping services
- Provision of research and development services
- Tooling and mould design
- Tooling and mould manufacture

Industry

- Consumer and leisure
- Furniture

Unique Selling Propositions and Key Partners and Programs

Talon has over 20 years in all aspects of the advanced composites sector with an ability to develop truly innovative solutions to seemingly impossible problems.

Serious attention is paid to maintaining client confidentiality and IP. Talon has developed the worlds first composite hockey stick, composite café chair and carbon fibre hinge.
Company Overview

Tank Solutions Pty Ltd manufactures a wide range of tanks for a variety of on-ground and underground applications.

We have manufacturing facilities in both Newcastle and Brisbane, with a sales operation in Melbourne.

We design and fabricate tanks, made from a variety of composite and other materials, to meet customer specific needs.

Our focus is the industrial/commercial sector for the storage of water, wastewater, acid and fuel in sizes from as small as 1,000 litres up to 250,000 litres.

We have an in-house engineering and drafting department to assist customers in obtaining the tank that best suits their needs.

Capabilities

Product Capabilities

- Industrial, mining and petrochemicals
- Tanks

Process and Service Capabilities

- Manufacturing processes
- Filament winding

Industry

- Industrial, mining and petrochemicals

Certification/ Accreditations

- ISO 9001 Quality Management System

Unique Selling Propositions and Key Partners and Programs

Tank Solutions Pty Ltd is Australia's leading manufacturer of underground double wall FRP fuel storage tanks for the retail fuel sector.

We are involved in the manufacture of a range of tanks for a wide variety of industries.

Tank uses include storage of water, waste-water and various chemicals for both on-ground and underground applications.

We are able to manufacture tanks from a variety of materials, advising customers on the most cost effective material for their tank needs.
Company Overview

Tankpool Pty Ltd operates under the Tankworld and Summertime Pools trademarks.

In 1972, Tankworld began manufacturing rainwater tanks and has grown into a household name as a true Australian owned and operated company manufacturing both polyethylene & fibreglass rainwater tanks.

Our innovation was extended to the manufacturing of quality endorsed in-ground fibreglass pools by our subsidiary company, Summertime Pools.

Summertime Pools are multi SPASA award winners with their unique designs, huge range of pool shapes and colours.

Capabilities

Product Capabilities

- Industrial, mining and petrochemicals
- Pits and pit lids
- Consumer and leisure
- Spas, pools and accessories
- Supply of raw materials
- Carbon fibre reinforcements
- Gelcoats, flowcoats
- Resins - coating
- Resins – thermoset – vinyl ester
- Surfacing materials – gelcoats, paints, polymeric products

Process and Service Capabilities

- Manufacturing processes
- Open moulding (incl. chopper gun)
- Rotational moulding

Industry

- Building and construction
- Consumer and leisure

Unique Selling Propositions and Key Partners and Programs

Summertime Pools are 100% Australian made and owned.

Our many years of experience building in-ground fibreglass pools makes the process easy for you, as we handle it all from concept to completion.

We’ve invested decades researching and developing our products to offer a huge range of designer pools to suit every backyard.
TASSIE POOLS & SPAS PTY LTD

86 Gleadow St.
Launceston
TAS, 7250

Contact
+61 3 6334 1981
sales@tassiepools.com.au

www.tassiepools.com.au

Company Overview

Family owned fiberglass manufacturing business established in 1988.

Swimming pool and spa manufacture with design and construct capabilities for residential and commercial swimming pools, water features, spas and ice baths. Open mould construction with gel coat, chopper gun and hand layup. Approved applicator for Fibertech pool lining system with 25 years experience.

Retail outlets in Launceston and Devonport, stocking; pools, swim spas and spa baths, shower enclosures and shower bases.

Pumping and filtration supplies, fiberglass fire extinguisher cabinets and fire hose reel cabinets, aquaculture and chemical tanks.

Capabilities

Product Capabilities
- Infrastructure
- Pools
- Industrial, mining and petrochemicals
  - Pipe
  - Pits and pit lids
  - Tanks
- Building and construction
  - Façades and features
  - Sheet metal – modular
- Ground transportation
  - Tankers
- Marine and maritime
  - Motor powered leisure craft
- Consumer and leisure
  - Horse floats
  - Kayaks and canoes
  - Spas, pools and accessories

Process and Service Capabilities
- Manufacturing processes
- Open moulding (incl. chopper gun)
- Service capabilities
- Inspection and repair of composite structures
- Tooling and mould design

Industry
- Building and construction
- Consumer and leisure
- Industrial, mining and petrochemical
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

Accredited Builder & Building Designer CC2375Q.

CAD Drafting Capabilities
IEA Member 775930
HIA, TCCI
Member of the Swimming Pool & Spa Association

Awards
- Vic/Tas Gold Award 2013
- Best Water Feature
- National Silver Award 2014
- Best Water Feature
- Vic/Tas Gold Award 2014
- Best Fibreglass, Acrylic or Vinyl Lined Pool by a Country Member
- Vic/Tas Highly Commended Award 2015
- Best Fibreglass, Acrylic or Vinyl Lined Pool by a Country Member.
Company Overview

The Haines Group manufactures trailerable fibreglass boats (Haines Signature, Tournament Pleasure Boats, Seafarer) and caravans (Seachange), including spare parts and accessories, as well as industrial fibreglass.

The company also imports Suzuki Marine two stroke and four stroke outboard motors, spare parts and accessories.

Products are sold and serviced via an established dealer network in Australia and New Zealand.

Capabilities

Product Capabilities
- Marine and Maritime
- Motor powered leisure craft
- Consumer and leisure
- Caravans and camper vans

Industry
- Consumer and leisure
- Marine and Maritime

Unique Selling Propositions and Key Partners and Programs

The production of fibreglass boats involves a unique closed moulding manufacturing process developed by The Haines Group (called Resin Injection Vacuum Assisted Low Emission (RIVALE™) technology) which ensures a consistency of product, better product characteristics (durability, strength, weight etc) and reduced styrene emissions.
Company Overview

Tricomposite is a fibreglass manufacturing company located in the western suburbs of Melbourne.

Our company produces products for a range of industries including caravans, trains, fire vehicles, marine, busses, trucks as well as a variety of industrial applications.

We specialize in open and closed moulding.

Capabilities

Product Capabilities
- Infrastructure
  - Bridge components
  - Buoyancy vessels
  - Fenders
- Building and construction
  - Façades and features
  - Structural members
- Ground transportation
  - Automotive components
  - Composite repair of vehicles
  - Rail car panels
  - Trailers and components
  - Truck and bus panels
  - Truck bodies
- Marine and maritime
  - Buoyancy vessels
- Consumer and leisure
  - Caravans and camper vans
  - Horse floats
  - Kayaks and canoes
  - Trailer bodies and components

Process and Service Capabilities
- Manufacturing processes
- Open moulding (incl. chopper gun)
- Resin transfer moulding (RTM)

Industry
- Automotive
- Marine and maritime
- Transportation industry
Company Overview

UCCC is a wholly Australian owned manufacturer of polyester gelcoats, speciality resins, body fillers, and bonding putties.

We are distributors of PPG fibreglass products and all other products required in the composites industry.

The directors have combined over 50 years experience in composites, coming out of the closure of Valspar Composites.

Our strengths are custom designing of resins and gelcoats specific for customers needs and we are highly focused on maintaining a high level of customer service.

Capabilities

Product Capabilities

- Supplier of raw materials
- Bonding materials, adhesives
- Gelcoats, flowcoats
- Glass fibre reinforcements
- Pigments, Colorants
- Resins - coating
- Resins – thermoset – epoxy
- Resins – thermoset – unsaturated polyester
- Resins – thermoset – vinyl ester
- Surfacing materials - fibrous

Industry

- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Marine and maritime

Unique Selling Propositions and Key Partners and Programs

Key Partners - Spheretex, PPG glass products, Airex core materials.

Custom designing of resins and gelcoats
Company Overview

Value Pools is a Sunshine Coast manufacturer and supplier of easy to install fibreglass kit pools.

We have licensed builder dealers throughout Queensland and can arrange for a quotation for a complete installation in most popular centres throughout the state.

Value Pools is based on a simple concept, with the right instruction installing a fibreglass above ground or in ground pool is not a difficult job, with the average handyman having the skills to do a terrific job.

We supply a range of kit pools for the home handyman in the classic do it yourself project, alternatively provide you with the names of licensed pool installation professionals that can do it for you.

Capabilities

Product Capabilities
- Consumer and leisure
- Spas, pools and accessories

Process and Service Capabilities
- Manufacturing Processes
- Open moulding (incl. chopper gun)

Industry
- Consumer and leisure

Unique Selling Propositions and Key Partners and Programs

These pools are supplied with comprehensive instruction, factory warranty and range of pump, filtration and sanitation options. You can choose two installation alternatives, above ground pools or in ground pools.
Company Overview

TR VMS is Australia’s leading group of calibration laboratories; providing test equipment calibration and repair services to aerospace, defence, manufacturing, and many other industries.

Our laboratories are accredited to ISO 9001, and NATA accredited to ISO 17025 which ensures the quality, traceability of measurements, staff competency and international acceptance and recognition of test reports.

We are also the authorised Australian service agent for Barfield Aviation ground support equipment, Megger Electrical test equipment, Stahlwille torque tools, and GEC aircraft and truck weighing scales.

We also distribute the GE M&C and Barfield products in Australia. In addition to these companies we repair test equipment manufactured by many other companies such as Fluke and Tektronix.

Capabilities

Product Capabilities

Calibration and repair of test and measurement instruments, including pressure and vacuum, temperature and humidity, electrical, electronic, communications, frequency and time, torque, metrology, force and tension, weights and scales, vibration, high voltage, and electrical standards.

Process and Service Capabilities

- Service capabilities
  - Tooling and mould design
  - Tooling and mould manufacture

Industry

- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Marine and maritime

Certification/ Accreditations

- ISO 9001:2008 accredited Quality Management System including OHS, EMS, and RISK
- National Association of Testing Authorities Australia (NATA) accreditation to the requirements of ISO/IEC 17025 and ISO 9001
- First accredited by NATA in 1954
- Federal government endorsed

Unique Selling Propositions and Key Partners and Programs

Approved Australian Agent for:

- Service and distribution of General Electric (GE) measurement and control, pressure, level and aerospace product range
- Service and distribution of Barfield Aviation ground support test equipment
- Service of General Electrodynamics Corporation (GEC) aircraft and truck scales
- Service of Megger Electrical and Stahlwille torque products
Company Overview

The company commenced operation in 1949 in a small factory in Prahran, thus becoming the first factory to produce lace in Australia.

Expansion into weaving and knitting of fabrics enabled the company to become a significant supplier to the lingerie industry, in particular to many other manufacturers and wholesalers in the traditional textile arena.

Webbing Industries Australia became a wholly Australian owned company in 1986, when they were bought out by the Greatorex family.

This heralded a period of rapid change for the company. In 1988 the factory was relocated to the current premises at 204 Chesterville Road in Moorabbin.

New machines have been purchased in order to upgrade and expand the factory.

Capabilities

Product Capabilities

- Manufacture of raw materials
- Carbon fibre reinforcements
- Glass fibre reinforcements

Process and Service Capabilities

- Service capabilities
- Analysis of composite structures
- Design of composite structure repairs
- Design of composite structures

Industry

- Aerospace
- Automotive
- Building and construction
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

As Webbing Industries Australia has its own dyeing and finishing plant, we can colour match, dye and finish webbing and industrial webbing to our customers requirements.

We have now commenced weaving exotic yarns like dyneema, technora, fibre glass, basalt, high tenacity polyester, Nylon 6, Nomax and Carbon Fibre.
Company Overview

Worthington Industries is a highly respected, multi award winning manufacturer which commenced in 1975. Our expertise is in the production of unique and superior composite panels, oversize one piece panels, and the manufacture of our own Fire-X® fire retardant chemical which is uniquely impregnated into timbers for commercial use.

Our composite products are custom made for application to industry needs. The company supplies both national and international markets.

Capabilities

Product Capabilities
- Building and construction
- Façades and features
- Ground transportation
- Rail car panels
- Truck and bus panels
- Consumer and leisure
- Trailer bodies and components
- Horse floats
- Furniture
- Caravans and camper vans

Process and Service Capabilities
- Manufacturing processes
- Compression moulding
- Service capabilities
- Design of composite structures
- CNC machining

Industry
- Building and construction
- Ground transportation
- Consumer and leisure
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

Transport
We manufacture and supply composite and plywood flooring, walls, ceilings, seating, curves, doors and other panels for use in rail, light rail, bus, trucks, floats, trailers and marine applications.

Caravans and Recreational Vehicles
We manufacture and supply composite and plywood flooring, walls, curves, beds, fitout panels and other panels for use in caravans and recreational vehicles.

Building
We manufacture and supply composite and plywood panels for use in commercial and residential applications.
Company Overview

Xtreme Protective Coatings Pty Ltd specialises in the application, sale and training of polyurea, polyaspartics, polyurethane and spray foam.

Xtreme Protective Coatings Pty Ltd are highly experienced, world leaders in the application of polyurea, therefore giving us vast knowledge and experience over other competitors in our industry.

We offer a complete package including: equipment, training of application & setup.

Capabilities

Product Capabilities

- Supplier of raw materials
  - Polyurea
  - Polyaspartics
  - Polyurethane
  - Spray foam

Used in the production of

- Building and construction
  - Materials – polymer concrete
- Ground transportation
- Automotive components

Industry

- Automotive
- Building and construction
- Consumer and leisure
- Industrial, mining and petrochemical
- Marine and maritime
- Materials, engineering and support services

Unique Selling Propositions and Key Partners and Programs

Xtreme Protective Coatings Pty Ltd operates two divisions:

Automotive/vehicle protection

This division deals with the automotive side, i.e. spray on ute tray liners, commercial vans, trucks, trailers, horse floats, lawnmower housings and much more.

On-site

This division deals with all on-site coating and lining work. This includes but is not limited to: sewerage & waste water treatment plants, all mining vehicles & on-site buildings, cab roofs of draglines, wash tanks in coal processing plants, carbon tanks in gold mine plants, general concrete application & waterproofing membrane to splash and spill containment areas.
Company Overview

Zedtex is a global trading company representing major composite material manufacturers and technical textile related suppliers and manufacturers in Asia, Europe and the USA.

We specialise in the sourcing and distribution of composite materials and related products.

Our key customers are leading composite manufacturers in Australia and New Zealand and we are proud to support local business with quality service and niche products.

Capabilities

Product Capabilities

- Supplier of raw materials
- Bonding materials, adhesives
- Carbon fibre reinforcements
- Core materials
- Glass fibre reinforcements
- Surfacing materials - fibrous

Industry

- Aerospace
- Automotive
- Building and construction
- Consumer and leisure
- Ground transportation
- Industrial, mining and petrochemical
- Infrastructure
- Marine and maritime
- Materials, engineering and support services
- Defence

Certification/ Accreditations

- ISO 9001 Quality Management System

Unique Selling Propositions and Key Partners and Programs

Zedtex add value to the supply chain by offering:

- Technical support on product development
- Sourcing unique or custom-made products
- Flexible trading terms and convenient supply scenarios