

Infrastructure Brochure



OUR MARKETS

AIRPORTS/PORTS

We are dedicated to providing the essential materials that keep the airport and port infrastructure sector moving forward. With a wide range of products, including high-quality concrete, steel, and construction equipment, we have everything you need to build, maintain, and upgrade your facilities. Our commitment to innovation and sustainability ensures that our materials are not only reliable and durable, but also environmentally responsible. Our team of experts is always on hand to provide guidance and support, ensuring that you have the right products for the job. Whether you're building a new airport or maintaining an existing port, we are your one-stop-shop for all your infrastructure needs.



BUILDINGS

We are committed to providing the essential materials that make infrastructure buildings safe, durable, and efficient. With a wide range of products, including highquality steel, concrete, and insulation, we have everything you need to build, maintain, and upgrade your facilities. Our team of experts is always on hand to provide guidance and support, ensuring that you have the right products for the job. We are dedicated to innovation and sustainability, ensuring that our materials are not only reliable, but also environmentally responsible.

ROADS/BRIDGES/STORMWATER

We are proud to offer comprehensive solutions for the construction and maintenance of bridges and roads. Our wide range of high-quality materials, including concrete, asphalt, and steel, are designed to meet the demands of even the most challenging infrastructure projects. Our team of experts has extensive experience in the design and construction of bridges and roads, ensuring that we deliver innovative and efficient solutions that meet your needs. We are committed to providing sustainable materials that not only improve the longevity and reliability of your infrastructure, but also help to protect the environment.

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WATER & WASTE WATER

Water and wastewater refer to the collection, treatment, and distribution of potable (drinkable) water, as well as the management and treatment of wastewater generated from homes, industries, and other sources. We provide comprehensive services for the efficient and effective management of water and wastewater systems, including design, construction, operation, and maintenance. Our mission is to ensure that communities have access to clean, safe, and sustainable water and waste water services, contributing to a healthier and more sustainable world.











The Civilmart Group combines the history and expertise of over nine Australian precast concrete brands, to bring you a unique and specialised buying experience. They have locations in Queensland, New South Wales, Victoria and South Australia, and serve customers Australia-wide.

- 100% Australian owned and operated
- Manufacturing network spanning across QLD, NSW, VIC & SA
- Distribution network Australia wide
- Our products are available anywhere in Australia
- Your closest Civilmart specialist is a local, here to support local business
- Custom products are our specialty
- Working with you to ensure you project is on time and on budget, every time
- Expertly designed products, built tough to withstand the harsh Australian and Pacific climate.





ELECTRICAL& COMMUNICATIONS

For a wide range of Electrical & Communications products that are purpose built and easy to install think Civilmart. From precast electrical pits, risers, covers, plastic communications pits and more, they have what you need.



RURAL CONCRETE SOLUTIONS

Civilmart is a company that specializes in providing a wide range of concrete products and solutions for rural communities. Their offerings include everything from precast concrete panels and building blocks, to cattle feeders, water troughs, and septic tanks. Their mission is to support rural communities in building stronger and more resilient infrastructure, by providing high-quality concrete products at affordable prices.



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BRIDGES & EARTH RETENTION

Looking for an instant precast solution for bridges or earth retention? Browse their range of Massbloc instant precast concrete retaining walls. These can be used for various retaining applications as well.



POLES

Civilmart offers a wide range of concrete poles for a variety of applications, providing reliable and durable solutions for rural communities. Their products are manufactured to meet the highest standards of quality and safety, ensuring long-lasting performance in even the harshest conditions. Whether you need poles for electrical distribution, telecommunications, or lighting, Civilmart has the products and expertise to help you build the infrastructure your community needs to thrive.







EJ IS THE WORLD LEADER IN THE DESIGN, MANUFACTURE AND DISTRIBUTION OF ACCESS SOLUTIONS

EJ is a family-owned company that has a long history of fostering strong customer relationships. As a family business, they have the freedom to exercise their family values, which have been carried down for generations, without compromise. This heritage is their charter, their compass, and their guide.





GRAF develops, manufactures and markets an extensive range of products for water management. They provide solutions to global challenges, such as protecting watersourses, purifying wastewater and preventing flooding, with typical German quality. Their focus is on avoiding environmental pollution and having a responsible attitude towards people and nature. They can draw on their experience of 60 years in business.

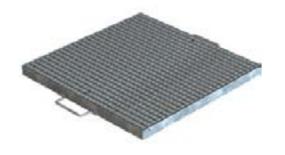


SUMP & TRENCH GRATES

Cast ductile iron drainage grates to AS3996 and meeting bicycle safety requierments.

CIRCULAR COVERS

Circularmanholecoversformanycommoninfrustructure access solutions.





283 PART COVERS

263 Part machined covers for greasetraps, cable pits, telecoms, and other utility services.



RETAIL HARDWARE

pacificislands.com.au

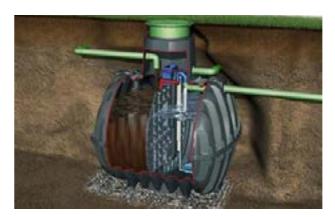
GASTIGHT COVERS

Machined covers for water and gas resistance for footpaths, roads to ports and airports.



STORMWATER





WASTEWATER





Hauraton

For over 60 years they have been internationally successful as a specialist in surface drainage. With their extensive range of linear drainage and point drainage, rainwater treatment and infiltration, they have been a reliable partner in the construction industry. Individual solutions, such as the tailor-made slotted channels are their strength.

DRAINAGE FOR CIVIL **ENGINEERING**

Road construction and industrial sites make the highest possible demands on the load-bearing abilities of drainage channels. The RECYFIX range for Civil applications meets all the demands. RECYFIX is a material made from 100 % recycled composite. The light-weight material is also very stable and especially easy to handle; parts can even be cut to size on site without any trouble

RECYFIX MONOTEC

IDEAL FOR: heavily frequented applications with high retention volume up to class D 400, such as supermarkets, car parks and petrol stations.

RECYFIX NC

IDEAL FOR: heavy duty applications with higher traffic up to class E 600, such as car parks, industrial estates and petrol stations.





Vinidex is a leader in Australian manufacturing and supply of advanced pipe systems and solutions, connecting Australian people with water and energy.

They provide a broad range of pipeline systems and solutions for building, infrastructure, irrigation and rural, mining and industrial, gas and energy applications.



PRESSURE SYSTEMS

Using only the highest class of raw materials and manufactured at high standards to meet Vinidex's uncompromising standard of quality control, Vinidex offers a superior range of PVC non-pressure pipe systems for a multitude of project requirements and different applications.





PVC DWV & STORMWATER SYSTEMS

Vinidex manufactures a comprehensive range of quality PVC pressure pipes and fittings for complete pipe system requirements. Using only the highest class of raw materials and manufactured to meet Vinidex's uncompromising standard of quality control, Vinidex offers a superior range of PVC pressure pipe systems for a large range of project requirements.











High quality HDPE Pipes and Fittings for water transmission systems which are also applicable for water pressure systems and manufactured accordingly to international standards, free from cracks, rust resistant and no chemical

AS/NZS 4130:2009 Standard

Standard: AS/NZS 4130:2009 Sizes: 40 / 50 / 63 / 75 / 90 / 110 / 140 / 160 / 180 / 200 / 225mm 250 / 280 / 315 / 355 / 400 / 450 / 500 / 560 / 630 / 710 / 800mm Spec : PE100 PN Rating: PN4 / PN6.3 / PN8 / PN10 / PN12.5 / PN16 Lengths: 5.8 / 6 / 11.8 / 12m 50 / 100 / 150 / 200 / 300 / 500mm

- High Impact Strength

- High Flow Capacity
- Abrasion Resistance
- Chemical Resistance
- Flexibility
- Ease of Installation
- Weathering Resistance
- Longevitiy





HDPE FITTINGS

The PLASSON range includes metric and rural poly pipe fittings for water, waste water, industrial fluid and utilities pipelines.

Rural, or green stripe class B Ag pipe, comes in imperial measurements while metric pipe is metric sizing. PLASSON has developed the rural range in Australia to allow the safe and secure connection of ag pipe. Our rural range is a quality engineered solution that joins rural pipe without the need for special tools . saving you time and water.

Connecting with PLASSON means you get the benefit of innovative engineering – our compression fittings go on the pipe and seal water-tight instantly!

Standard: AS/NZS 4130:2009

Sizes: 16 / 20 / 25 / 32 / 40 / 50 / 63 / 75 / 90 / 110 / 125 / 160 mm PN Rating: PN16

Why choose Plasson Compression Fittings?

Plasson fittings are:

- Reliable
- Chemical resistant
- Abrasion resistant
- Impact resistant
- UV resistant
- Economical
- Reusable and simple to disassemble

Plasson Compression fittings offer solutions for connecting PE pipes, used for conveying water and other fluids in urban and inter-urban infrastructure, industrial, mining, landscape and farming applications and for carrying communication lines.









GEOFABRICS IS AUSTRALASIA'S GEOSYNTHETIC SPECIALIST

GEOFABRIC helps their clients deliver and maintain their infrastructure by minimising their risk and increasing their value through the innovative use of geosynthetic products.



MEGAFLOW GREEN

Megaflo Green is an excellent drainage system, removing water from your structure faster than any other drainage system.

Megaflo Green system is manufactured as a corrugated panel supported by internal pillars along the length of the drain. This shape and structure give Megaflo Green a high crush resistance whether the drainage system is used vertically or horizontally.

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CONCRETE CANVAS

Concrete Canvas GCCM, allows concrete construction without the need for plant or mixing equipment. Simply unroll and position Concrete Canvas, and then just add water (any type of water, including sea water). Concrete Canvas has no impact on the pH of runoff water.

Concrete Canvas is widely used as a cheaper alternative to non-structural shotcrete.



SOIL EROSION MATERIALS

Fibromat is a company specializing in the production and distribution of fiber-reinforced concrete products. Their products offer a unique combination of strength and durability, making them ideal for a wide range of construction and infrastructure projects. Whether you're building a retaining wall, a bridge, or a dam, Fibromat's fiber-reinforced concrete products provide the reliability and stability you need to ensure the success of your project. With a commitment to innovation and sustainability, Fibromat is dedicated to providing the best possible products and solutions to its customers, contributing to the growth and development of communities across the world.



EROSION CONTROL BLANKET

The erosion control blanket is a kind of geosynthetic product that is made of natural agricultural straw and fibers and stitched together with degradable thread to a double layer photodegradable polypropylene netting. The Fibromat Biodegradable Erosion Control Blanket (ECB) immediately reduces soil erosion losses by 85% after installation. Subsequently, effective grass establishment is achieved by hydroseeding. It is the best Erosion Protection System that uses together with hydroseeding.





COIRLOG

Coir logs are cylindershape erosion control geosynthetic product that is made of 100% compressed biodegradable coconut fibers in a polymer exterior netting to form a bioengineering solution known as the Coconut Coir Logs, Biodegradable Coir Fiber Logs or Straw Wattles. The flexible structure of Coir Log provides Embankment & Toe Protection whereby it ensures stabilization on stream banks; enhances vegetation while acting as a silt check and sediment control tool. It plays a critical role as a temporary root support system for plants before they are vegetated and developed a profound natural root system protection.







Sika is a multinational company that specializes in the production and distribution of construction chemicals and materials. With a focus on innovation and sustainability, Sika offers a wide range of products and solutions for the building and construction industry, including adhesives, sealants, coatings, concrete admixtures, and more. Their products are designed to improve the quality and durability of construction projects, while also reducing the environmental impact of building and construction activities. Whether you're working on a large-scale infrastructure project or a small renovation,

Sika has the products and expertise to help you get the job done right. From start to finish, Sika is dedicated to providing its customers with the highest quality products and services, ensuring the success of every project.



CONCRETE

Sika develops and markets a complete range of admixtures and additives for use in concrete, cement and mortar production. These products enhance specific properties of the fresh and hardened concrete, such as workability, watertightness, durability, or early and final strength.

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FLOORING INSTALLATION SYSTEMS

This segment provides specialty solutions for tile installation materials, facade protection and decoration, and technical mortars for the construction industry, from individual housing and building projects to industrial infrastructure. Tile installation materials comprise of primers, waterproofing membranes, adhesives, grouts, and sealants for both new build and renovation projects.





When it comes to roads, interchanges, airports, hospitals, schools and any other place along our routes in life-we don't always think about how they are constructed or the science behind how they work-we just expect them to. That means every country, government, contractor, architect and engineer needs the right tools at their disposal to make sure the communities under their watch are protected by high-quality, well thought out infrastructure that keeps them safe and the world running smoothly. That's why every Ennis-Flint, Inc. product and application is designed for quality-quality that ensures safety, reliability and clarity



PRISMO CRYSTALEX

High performance road marking with excellent durability that can be screed or extruded formulated to meet all climatic weather conditions. Economical refurbishment for touching up worn, liner thermoplastic markings, intended for use in areas where a night time reflectivity is required.





AIRMARK DURABLE MARKINGS FOR AIRFIELDS

Long-lasting color pigments are organic and contain no heavy metals, resistant to aviation fuels, motor fuels, lubricants, and de-icers. Indents in surface provide a visual cue for proper application. Manufactured in an ISO 9001 certified facility.







AUTOMOTIVE

As one of the world's leading producers of advanced automotive paint systems, PPG provides customers with a wide range of product options featuring specific properties to suit virtually any application.

INDUSTRIAL COATINGS

PPG continuously develops innovative products which enhance custom-ers' revenue streams through new aesthetics, enhanced performance properties and increased application efficiency. PPG has an integrated global team of professional colour stylists, chemists and technical application experts to help manufacturers to turn new coatings technologies into viable products which will integrate seamlessly into global supply chains.

PROTECTIVE AND MARINE COATINGS

PPG is widely recognised as a world leader in protective and marine coatings, developing innovative, cutting edge products and services that are designed to deliver value for money and protect customers' assets.







Tnakita

Covering all bases with Hammer Drill Drivers, Impact Drivers and Impact Wrenches, plus the increasingly popular Angle Grinders, Circular Saws, and Compound Mitre Saws. Their new 18V x 2 range delivers 36V of power whilst still utilising the same 18V battery you already have. This is a real game changer for the more power hungry lines such as Angle Grinders, Blowers and Lawn Mowers.

CATEGORIES:

- Drilling & Fastening
- Rotary Hammers
- Demolition Hammers
- Cutting
- Grinding
- Sanders & Polishers
- Specialty Concrete - Specialty Woodworking
- Building Maintenance
- Measuring
- Multi-Tools
- Applicators
- Dust Extraction
- Clothing & Lifestyle
- Inflators & Pumps
- Heat Guns
- Lighting & Fans
- Radios & Speakers
- Batteries & Chargers



INFUSTRUCTURE 13





INFRUSTRUCTE





Pacific Islands International is a leading exporter for Steel materials into the Pacific islands, shipping dircetly from reputable Steel mills to your nearest Port at competative prices. PII can source & supply all of your Steel requirements including:

- Reinforced Steel (Deformed Redbars / Reinforcing Mesh) .
- Structural Steel (Universal Beams, Columns, Parallel Flange Channels)
- Sheet Plate & Coil products
- Wire & Mesh products •
- Pre-Fabricated Steel
- Fencing
- Metal Stud & Truck Framing









BITUMEN CLASS 170 & 320

Paving grade bitumen manufactured to a tighter specification than prescribed in AS 2008 and is suitable for standard sealing and lightly trafficked asphalt applications. Bitumen used in road construction and maintenance are refined and blended to meet strict road engineering requirements and industry specifications. Paving grade bitumen's are categorised according to viscosity (degree of fluidity) gradings.

Class 170 is widely used in sprayed sealing and light asphalt applications to provide durability and fatigue resistance. It is also used to manufacture cutback bitumen, bitumen emulsions and modified bitumen. Class 320 is most commonly used to manufacture asphalt mixes while Class 600 is primarily used to manufacture extra heavy-duty asphalt pavements that need to endure substantial traffic loadings.



PENETRATION GRADE BITUMEN

The penetration grades bitumen is refinery bitumen which is produced by different viscosity. In fact, Penetration bitumen is semi hard black material known as petroleum grade bitumen. The penetration test is carried out to characterize the bitumen, based on the hardness. Therefore, it has the name penetration bitumen.



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Artcraft>

At Artcraft they engineer, design, manufacture, install and maintain effective signage solutions for industry and infrastructure. All their products are Australian Standard compliant and State Authority certified. From a single supply through to a sophisticated in-line, integrated project-managed solution. They are 100% Australian owned, they manufacture locally with an absolute commitment to innovation and quality.



MONOLITH, PYLON & AFFIXED

Engineered design, fabrication, installation and maintenance of identification, directional and information signs for branded sites such as entry statements and building namings. Civic and private properties such as hospitals and health care, transport hubs, mine sites, offices,

building complexes, car parks and open spaces such as parks and walks.



IMPACT ABSORBING

Engineered life-saving strong, lightweight frangible and self-righting posts, bollards and masts. Australian Standards compliant and internationally certified. Permanent and temporary roadways, car parks, building complexes, mine sites, airports and aviation traffic locations.



MAIN ROAD & INFRASTRUCTURE

Fabrication, installation and maintenance of Australian Standard and State Main Roads compliant directional and informational reflective safety signs. Freeways, highways, main roads, streets, runways, mine sites, work sites, complexes, entries and exits, parking areas and places of interest.



ELECTRONIC AND LED

Engineered design, fabrication, installation and maintenance of permanent or temporary ITS and digital directional, informational and regulatory signs. Infrastructure, freeways, highways, roads, railways, runways, building complexes and construction sites.





FlexTool is a company that specializes in providing innovative solutions for concrete finishing and material handling. With a focus on quality, reliability, and customer satisfaction, they offer a wide range of products including concrete screeds, power trowels, material placers, and more. Designed to increase efficiency, reduce downtime, and improve safety, FlexTool's cutting-edge equipment helps contractors tackle any job with ease and precision.



DRIVE UNITS

Flextool Drive Units are fitted with a quick action coupling for quick and easy connection of a wide range of flexible shaft submersible pumps and concrete vibrators. They are available with petrol or diesel engines to suit any specific job site requirement.

PUMPS

Flextool Pumps are highly efficient submersible units which are operated by petrol or diesel portable drive units. The new FP212 series now come with flexshaft support springs which protect the drive shaft when operating over the sharp edge of excavations, pits, dams, etc.

CONCRETE VIBRATORS

Flextool's is home to Australia's original series of immersion Concrete Vibrators which produce high frequency vibration allowing for the efficient compaction of all types of concrete mixes. They are lightweight and highly portable, easy to operate and is fitted with a Honda 4-stroke engine for hassle free operation.

WALK BEHIND POWER TROWELS

The FT series 2 of Walk-Behind Power Trowels are available in 34" and 40" working widths. These trowels are robust, durable and safe concrete power finishing units. They are used to create a level, smooth finish on a large, flat area of concrete slabs.

RIDE-ON POWER TROWELS

The FP series 3 of Ride-On Power Trowels offer exceptional power to weight ratios, they are the ultimate force in tackling concrete pours of all sizes. Powerful engines deliver maximum performance to the heavy-duty gearboxes resulting in a perfect finish every time.













Since 2016, PPI has established itself as a prominent player in the infrastructure market by offering tailored electrical solutions to clients across Asia Pacific and Australia. PPI6#39;s distinctive range of expertise encompasses every stage of the process from design and procurement to supply and project management.

PPI, an active participant in the infrastructure industry, places great importance on embracing advanced technologies. The company's primary focus involves nurturing a comprehensive network of global manufacturer relationships, often exclusive in nature. This strategic approach allows PPI to acquire high-quality materials consistently and reliably. By efficiently sourcing components and materials from across the Asia Pacific region, PPI ensures that clients receive the finest quality materials at competitive prices, reflecting their commitment to excellence in the industry.

Our infrastructure division have a specific focus on the following infrastructure markets:

- Transportation Infrastructure
- Energy Infrastructure
- Water and Sanitation Infrastructure
- Telecommunications Infrastructure
- Our products include:
- Pits Samp; Conduits
- Cables
- Transformers
- Joints & amp; Terminations
- Underground Cable Cover
- Light Poles & amp; Lighting
- Electric Motors
- Switchboards & amp; Switchgear
- Lightning Protection and Earthing
- Overhead Line Hardware
- Security and CCTV Solutions
- Voltage Regulators

Unlock the power of tailored infrastructure solutions with our team of electricians and engineers. With their expertise, we have the ability to provide customised solutions that perfectly align with your unique infrastructure requirements.





COMPREHENSIVE TURN-KEY CAPABILITIES

At PPI, we believe in providing a truly customised service. Whether you simply need the very best components or a turn-key electrical solution designed, procured, supplied and managed from start to finish, we can work with you to plan and deliver the very best outcome.

1 - DESIGN

From mining and manufacturing companies to developers and architects, we work with a broad range of clients to design electrical systems. As well as full engineered solutions, we can design industry-specific solutions from power generation systems to renewable energy and general building services design.

2 - PROCURE

Whether we've designed a project from the start or been brought in at a different stage, we can work on your behalf to research, select, negotiate and finalise the procurement of the products needed to make it an optimised reality. With manyb years of experience in the industry, we've built up a preferred supplier list of the very best electrical product manufacturers across Asia, Australia, Europe and America, and can be relied upon to source only the highest quality materials and components.

3 - SUPPLY

With our physical locations in Australia and Asia and extensive global network of manufacturers, we can supply everything your project needs in the most cost-effective and timely manner – working efficiently to ensure on-time shipping and with optimal supplier-to-customer contact.

4 - PROJECT MANAGEMENT

Our sister company, PPI Project Management, can guide a building services project from design to overseeing installation. Drawing on experience as designers, procurers and suppliers of a vast range of electrical solutions, PPI can provide expert consultation and advice at every stage of a project – from a full, turn-key service to design, project and cost management, we can ensure a smooth, painless and efficient process that results in the best possible outcome.







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Artcraft>





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