

SPECIAL FEATURE

PERFECT

PRODUCTS

FOR MAJOR CONSTRUCTION PROJECTS

BUILDING PRODUCTS

GUIDE

CONCRETE PROTECTION  
SEALANTS & ADHESIVES  
CAR PARK SOLUTIONS  
BATHROOM PRODUCTS  
PARTITION SYSTEMS  
COVERS & GRATES  
GREENSCAPES  
SHADE SAILS  
BENCH TOPS  
FLOORING  
PLUMBING  
DOORS  
LIFTS



## COOLING BROTHERS ANNOUNCE RAFT OF NEW INNOVATIONS FOR 2023

Cooling Brothers Glass Company has a national reputation for its glazing innovations, including decorative glazing, and producing solutions to withstand natural and artificial extremes, including solar, noise, security, ballistics, and cyclonic customised glass solutions.

The business works closely with architects, artists, building designers, and specifiers, and its landmark projects include the Mineral Resources' headquarters, Brookfield Place, and Crown Resorts.

Moving into 2023, Cooling Brothers has released significant updates to the company's core product ranges of Insulcool Double Glazing, Toughened Laminated Glass, and Imagink Digital Ceramic Printing.



For more information scan the QR code or visit [coolingbros.com.au](http://coolingbros.com.au)

## NEW STEEL COIL SUPPLIER BRINGS COLOUR AND COMPETITION TO AUSTRALIAN FABRICATORS

A new Australian-owned steel coil supplier is snapping up customers across the fabrication industry with competitive prices, fast delivery and custom colour tinting to suit any brand.

Sovereign Steel, founded by two well-known building and procurement experts, is targeting small and emerging steel frame fabricators helping to meet the surging demand for steel frames. Sovereign Steel Co-founder and Operations Director Aaron Hinkley said the company's ability to supply steel coil in any colour was creating a genuine alternative for fabricators and their customers in the light-gauge steel framing sector.

"Steel coils are not actually blue," Mr Hinkley said. "In fact, they can be supplied in all colours so when new residential homes/products are at the frame stage, builders can show off their own brand colour rather than giving a free plug to the product manufacturer."

"We have set out to offer a genuine alternative source of reliable, high-quality steel with the personal service and flexibility that comes from a nimbler, customer-focused business. From competitive prices to 30-day

credit terms, fast delivery times and small minimum order requirements, Sovereign Steel is determined to shake up this industry for everyone's benefit."

As steel procurement specialists, the Sovereign Steel team works with global mills to provide products tailored for each customer with quality assurance guaranteed. Every order is inspected in the country of origin prior to shipping with independent testing in Australia, full traceability and compliance documentation.



## LINKSAFE PARTNERS WITH NIROVISION, TO CREATE SAFER WORKPLACES THROUGH HOME-GROWN AI TECH

Australia's leading digital contractor management platform, LinkSafe has recently partnered with Nirovision, an Australian-owned and developed AI software company that provides a visitor management solution powered by facial recognition, eliminating the need to use any other external system to ensure workplaces are safer and more secure.

LinkSafe's use of the Nirovision Doorkeeper Pro system will allow for seamless integration into LinkSafe's existing contractor management platform. This provides clients from all industries the ability to streamline the processes of workplace access, safety, and security automation into a single platform, by turning an iPad into a touchless face check-in kiosk.

Nirovision's home-grown AI technology empowers workplaces with the ability to identify vehicles and drivers, cross-check compliance, automatically open doors,

turnstiles and boom gates, log time and attendance, and alert site managers of any inconsistencies or anomalies.

LinkSafe CEO, David Erczmann said that the collaboration aims to expand LinkSafe's capabilities to provide an even more robust contractor management experience with the help of advanced AI technology.

"Integrating Nirovision's AI technology into our existing contractor management platform allows us to add a true contactless solution to our offering - this means, based on biometrics, it can ascertain compliance in the LinkSafe platform and further to that, then integrate with access control."

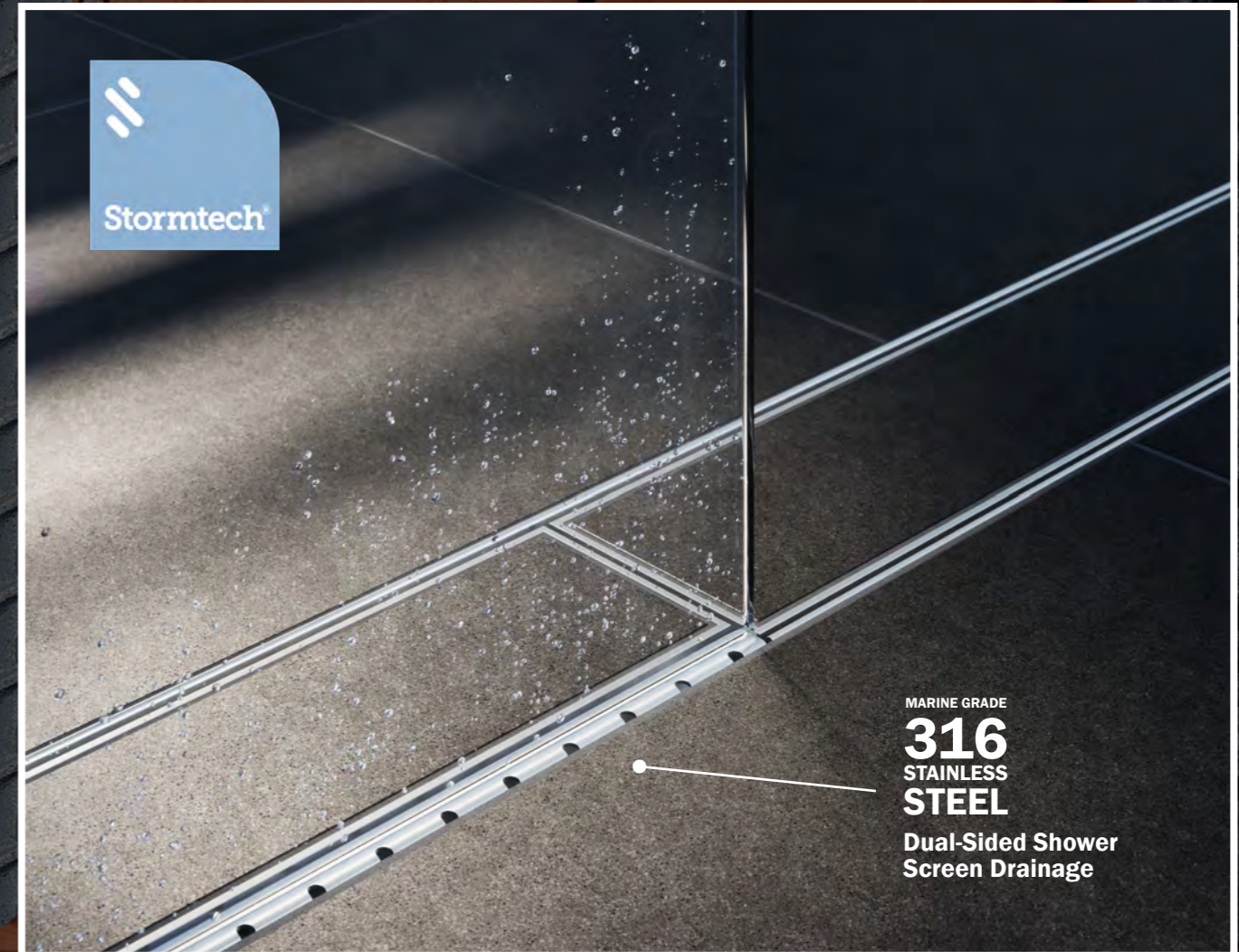
"Adapting new tech and making sure we keep up to date with the changing technological landscape is important to us. Our alliance with Nirovision is a testament to that, and offers our clients some amazing features that

compliment our contractor management platform," said David.

Nirovision CEO Jimmy Lee said the partnership with LinkSafe not only provides tremendous value to workplaces that have a need for compliance, but also saves workplaces money and time.

"Combining LinkSafe's compliance expertise with Nirovision's powerful AI vision is going to make it so much easier to ensure a safe and secure workplace - the future of this partnership is very exciting," said Jimmy.

For more information scan the QR code or visit [www.linksafe.com.au](http://www.linksafe.com.au)



## MULTI RESIDENTIAL DRAINAGE MASTERPIECE WITH STORMTECH'S LATEST INNOVATION

From the inventors of the revolutionary linear drainage system, Stormtech, comes a new invention that is set to change bathroom design all over again. The culmination of Stormtech's wealth of industry experience and after extensive collaboration with designers, builders, tilers, regulators and waterproofing consultants, the 120SCS Shower Screen Support drain represents the latest innovation in bathroom drainage. Stormtech's 120SCS Shower Screen Support Channel drain drastically simplifies bathroom design and installation. This all new product, which includes a Shower Screen Support Channel for any Stormtech grating style, is a versatile linear drainage system that provides dual function as a drain for both sides of the shower screen, and a support for the shower screen itself.

Made from 316 Stainless Steel, the 120SCS is designed for flexibility. Wall-to-wall installation allows a simple dual fall across the bathroom. As a result, a single floor waste can drain the entire bathroom, meaning designers are no longer required to detail the intricate geometries in which the bathroom floor will fall to a traditional centred floor waste. Additionally, as the simple dual fall sheds water more effectively, they are free to use larger format tiles to create the impression of space in smaller bathrooms.

With Stormtech's groundbreaking 120SCS design, builders and tilers do not need to have complex falls or undertake intricate tile cutting as is required for most dual drain (shower and main bathroom) layouts. There is less tile wastage from having to re-cut tiles and breakage, plus a faster and simpler tiling process. Waterproofing is even easier too as the waterproofed substrate falls towards the location below where the Shower Screen Support Channel drain will be, and less water will find its way through grout joints due to effective watershedding.

Furthermore, as the drain is away from the entry door to the bathroom, any water thrown towards the door will run back to the drain, reducing the risk of bathroom flooding. Over recent years, Stormtech has improved the design of this solution, and, with bleeding-edge equipment and technology, the company has been able to leverage its unique capabilities to reduce the cost of manufacture and lead times significantly – a benefit they can pass on to their customers. Available in all Stormtech designer grates and finishes, the 20SCS Shower Screen Support drain exceeds all Australian Standards, is WaterMark certified and is exclusive to Stormtech.

For more information contact Stormtech, website [www.stormtech.com.au](http://www.stormtech.com.au)



## WHERE DESIGN AND INNOVATION CONNECT

Atmosphy provide bespoke indoor garden installations that transform interiors into stunning beautiful spaces. They grow, source, design, install and maintain unique indoor gardens to create greenscapes, areas of natural green foliage, for residential and commercial developments.

Owner and Horticultural expert Laura Henry designs her greenscape plantings to maximise the use of floor, wall and ceiling spaces, turning them into unique growing environments. The living systems of foliage process the surrounding air, reducing pollutants and improving air quality as well as creating a pleasant relaxing environment that reduces stress for office workers, improving mental health and productivity.

Originally established in Queensland, Laura spent the first two years in business focused on research and development. “With a team of five, I investigated the aesthetic characteristics of indoor plants along with learning about their needs including light and air movement as well as the feeding and watering requirements of different species. As a result, I am able to specify certain species that will thrive in different indoor environments as well as being suited to the desired look and budget,” said Laura.

“Our approach is both innovative and sustainable, we design and grow tailor made solutions, choosing plants that reflect the image or brand of our clients. Atmosphy is passionate about the greenscapes, we aim to provide a personalised healthy and thriving workspace and that’s what inspired us to develop GROWSTAR – our own vertical, fully irrigated garden greenwall system, customisable and scalable to any place.”

GROWSTAR is a cleverly designed greenwall system distinguished from other greenwalls by its individual plantings, with each plant in its own pot, secured to metal framework. This allows each plant to be fed, watered and bedded in soil that suits its unique requirements and the result is a beautiful greenwall, a vertical garden, comprising different varieties of healthy green foliage. These greenwalls create surprising architectural features and can be positioned to work as internal dividing walls and screens.

With over a decade of expertise Atmosphy work alongside architects, interior designers and individuals to provide living infrastructure. For new developments or existing spaces Atmosphy provides complimentary design consultations and concept plans as well as

specifically tailored after care programs for workplace or home as well as designs and plantings for garden restorations. Atmosphy’s greenscaping solutions can be purchased or leased on a long-term basis with an all-inclusive plant life guarantee maintenance package.

“Our maintenance work is especially important to keeping the greenspace healthy,” said Laura. “There are many aspects to indoor growing that are quite specialised, for example air conditioning can be very damaging reducing the required moisture level, the absence of birds and bees in indoor plantings can result in a build-up of pests, and closed-in spaces can encourage the growth of moulds and fungus. It really is quite important to have expertise in indoor growing to keep the plants looking their best.”

“There is growing evidence that nature and we are not two separate entities. A growing body of scientific research shows that the brain and even human behaviors are closely linked to the natural world. Our lifestyle today follows a pace dictated by increasingly advanced technologies designed without consideration for the biophilic fraction of the user, and our activities take place almost entirely inside buildings.”

“Fortunately, we have ascertained that direct contact with nature has important beneficial effects on human beings and specifically can make a valuable contribution to preventing and treating multiple pathologies. Sensory contact can help us fully utilise the regenerative potential of Nature for greater inner balance,” explained Laura.

Working across Victoria, Atmosphy maintains a warehouse nursery in Dingley Valley which allows them to offer competitive prices, a controlled supply chain and delivery of every project on time and to budget.

An especially successful job for Atmosphy can be seen at the Ballarat Government Hub. Working for the Kane Nicholson Joint Venture in 2021, Atmosphy designed and installed greenwall dividers to the interior of the building. The design and installation were critical in helping the building achieve its goal of a 5 Star Green Star rating.

**For more information contact Atmosphy**, 8, 1-5 Lake Drive, Dingley Village VIC 3173, phone 1300 425 600, email [laura@atmosphy.com.au](mailto:laura@atmosphy.com.au), website [www.atmosphy.com.au](http://www.atmosphy.com.au)



**DESIGN, SUPPLY & INSTALLATION OF CAR PARK SOLUTIONS.**

Established in 2010, AGD Systems designs, manufactures, distributes and installs products for traffic management systems in private developments. AGD Systems products are essential to the safe and efficient movement of traffic through car parks at residential apartment developments, childcare and aged care centres, commercial buildings, loading docks and warehouses.

“We are one of the few companies in New South Wales that provide a complete solution, from the design manufacturing and installation of this type of traffic system equipment. We receive traffic engineering reports and specifications, and we look at the swept path plans that show the movement and path of different vehicles in a specific area. We then design a suitable traffic control system. Our designs use the space efficiently with the installation of programmable logic controllers, traffic lights, ultrasonic vehicle detectors, boom gates

and mirrors and are used for DA submissions, we are very particular about safety in our designs and specialise in a detailed, safety-focused design and installation” said Office Manager, Lisa Phillips.

“One of the main applications we receive are residential apartments where the car park is narrow, allowing only one vehicle to maneuver throughout the car park at any one time. We design the system so we can give each vehicle priority to enter and exit the car park safely, reducing the risk of any accidents occurring” Continued Lisa.

Sydney based, AGD Systems have installed their superior traffic management systems across developments along the east coast of Australia as well as supplying these systems to interstate contractors. They employ six staff with permanent teams of subcontractors ready for quality installations.

02 9653 9934  
admin@agd-systems.com.au  
trafficmanagementsystems.com.au



**EXPERT PROTECTION, ADVICE AND SERVICE**

mageba is a team of specialists who design, manufacture, supply and install high-end structural bearings, expansion joints, vibration damping and seismic protection systems.

“The key aspect of mageba is that we are a company run by engineers, working for engineers. One of the most common problems experienced by engineers in the Australian and New Zealand market is the disconnect between original design models and the structural bearings and expansion joints available,” said Virendra Ghodke.

“We understand these issues and work collaboratively to design custom made bearings and expansion joints for significant infrastructure, commercial and industrial projects.”

“All our products are custom made,” added Virendra. “Unlike our competitors who resell standard product, we design and manufacture product uniquely suited to individual engineering requirements. For every job our products are heavily engineered for structural efficiency and cost effectiveness.”

mageba are dedicated to innovation and focus on making their products ‘smart’ by including monitoring systems to gauge performance and

provide feedback about the structural health and operating efficiency of their products.

Established in Switzerland in 1963, mageba started as a family run company and quickly expanded to become a global presence with subsidiaries in over 50 countries including Africa, Europe, the Americas and the Middle East. More recently mageba has established offices and manufacturing facilities in the Asia Pacific with their largest factory of 15,000m<sup>2</sup> in Shanghai and a 2,000m<sup>2</sup> facility in Sydney.



For more information contact mageba Australia, 8/42 Peter Brock Drive, Eastern Creek NSW 2766, phone 1300 624322, email info.au@mageba-group.com, website mageba-group.com

# DECINA

DISCOVER INDULGENCE



## AUSSIE-MADE BATHS AND SO MUCH MORE

With more than thirty years at the forefront of bathroom ware design, manufacture and supply, Australian-owned Decina offers an extensive range of quality bathroom products for every style and budget.

All Decina's inset and island baths are made in Australia. Manufactured with premium grade acrylic and steel rod reinforced rims, bath bases are double reinforced with timber and fibreglass and come with a 15 year warranty.

Satisfying the trend towards luxury spa-like bathrooms, Decina also has an extensive freestanding bath collection

offering a range of styles and sizes, including back-to-wall and back-to-corner models.

If you're after the benefits of hydrotherapy you can't go past Decina's spa baths. All their spa baths are assembled in Australia by experienced manufacturing teams who are experts in spa bath technology.

Decina's range of stylish sanitary ware is manufactured from the highest quality vitreous china. The extensive basin collection features a basin to suit every bathroom, from modern counter top to vanity inset styles.

The toilet suite range features advanced hygiene technology and soft close seats and lids. From link connector and close coupled options, to wall faced and in-wall cisterns, all Decina toilets have

a ten year warranty and a four star WELS rating.

Various installation options for showers are available from alcove shower systems to freestanding glass panels. Shower seals and strips are anti-fungal and UV-resistant, with screens featuring an easy-to-install gasket wall system.

Backed by competitive warranties, Decina's products comply with stringent Australian Standards, so you can be assured of consistency, safety and reliability.

When you choose Decina, you join leading architects and builders who continue to select Decina as their number one choice for hundreds of prestigious projects across Australia.



Scan for bathroom inspiration.

30+ YEARS PROUDLY AUSTRALIAN OWNED & MADE

1300 DECINA [DECINA.COM.AU](http://DECINA.COM.AU)



## A STRIKING ENTRANCE

TORMAX is Australia's leader in the manufacturer and installer of high-quality automatic doors for commercial developments. Operating since 1982 with inhouse designers, technical advisers and service technicians TORMAX automatic door systems are stylish and functional and are designed to meet the requirements of modern environments.

TORMAX supply and fit standard automatic sliding and revolving doors for commercial applications as well as stunning custom-made pieces. The TORMAX range includes fire and smoke doors, burglar resistant doors, water-tight and sound-proof doors. They also design and fabricate hermetic sealing doors for use in laboratories and operating theatres as well as for clean-rooms and for pharmaceutical production. TORMAX also cater to unusual and harsh environments with doors that are corrosion resistant and offer insulation or protection against radioactive radiation.

"All our doors and hardware are made from high quality Swiss materials. We send specifications to Switzerland for the exceptional European engineering and manufacturing carried out by our parent company the Landert Group," explained Sales Manager, Aaron Cannata.

Automatically opening doors eliminate the risk of transmitting bacteria and viruses with motion detectors or switches that responds to hand gestures, an elbow button or foot rocker. TORMAX also offer regulating automatic doors that can be controlled to ensure physical distancing, operated from a smartphone.

TORMAX is Melbourne based with offices and distributors across the country, their automatic doors can be found in shopping centres, Bunnings and Woolworths developments, hotels, restaurants and across the food industry as well as in airports, train stations and ships.

In 2022 TORMAX completed the installation of contemporary automatic doors for the Darebin Cultural Centre at Preston City Hall.

"We were contracted for the full design, manufacture and install package," said Aaron. "We fit a steel and aluminium frame, an elegant feature sliding door with a shallow curve as well as a number of frameless glass-sliding doors and automatic swing doors."

For more information contact Tormax Australia, 13 Lillee Crescent, Tullamarine VIC 3043, phone 1800 608 000, email [info@tormax.com.au](mailto:info@tormax.com.au), website [www.tormax.com.au](http://www.tormax.com.au)

# SOUDAL

## SOUDAL HAVE YOUR MAJOR PROJECT COVERED

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We have an intensive distribution network ready to provide your project needs.

**BUILD THE FUTURE**



Table 1 - Fire Resistance Periods (FRP) For Insulation And Structural Adequacy – Adapted From AS3600 (2018) , Tables 5.5.1 & 5.5.2(a)

FRP for structural adequacy (mm)	Fire Resistance periods (FRP's) for insulation for slabs	Minimum dimensions (mm) for structural adequacy for flat slabs including flat plates	
	Slab thickness	Slab thickness	Axis distance (as)
30	60	150	10
60	80	180	15
90	100	200	25
120	120	200	35
180	150	200	45
240	175	200	50

## CONCRETE PROTECTION SYSTEM FOR NEW AND EXISTING BUILDS

The Patent Pending TBA Firefly™ Intubatt® Concrete Protection System enables structural engineers to design fire resistant concrete structures with 40% reduction in concrete and maintain structural adequacy under fire due to its superior insulation at high temperatures.

The Fire Resistance Level (FRL), or Fire Resistance Period (FRP) for concrete is defined by three criteria when subject to a standard fire endurance test.

- **Structural Adequacy** – the duration that the element will resist collapse
- **Integrity** – the duration that the element will prevent the passage of fire from one side to the other
- **Insulation** – the resistance to heat transfer from the fire exposed side of the element to the unexposed side.

This innovative and lightweight system has been recently tested to AS1530.4 (2014), using a 120mm thick concrete slab protected with the 50mm lining of TBA Firefly Intubatt, and subjected to four hours of the AS1530.4 (2014) fire endurance curve – which reaches 1,133°C at 240 minutes. At the same time, the slab was point loaded with 2400kg

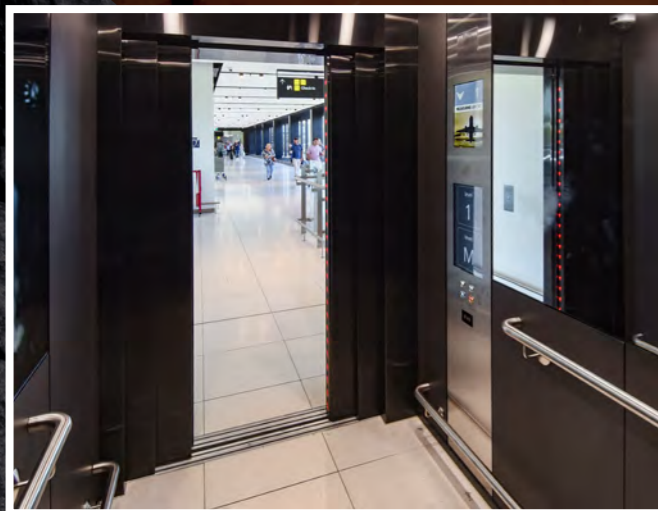
and the deflection and temperatures measured at critical locations. The test data demonstrates that 50mm TBA Firefly Intubatt installed on the underside only of floors, or both sides of walls can:

- Upgrade 100mm concrete steel reinforced elements to provide 240/240/240.
- Provides the equivalent insulation as 145mm of concrete for four hours FRP.

Benefits for Building designers:

- Potential Retrofit for 'change of use'. For example, where occupancy type for a building is changed requiring a greater FRL of floors and wall.
- Lighter structures for new build – 40% reduction in concrete mass to achieve equivalent fire resistance incorporating TBA Firefly Intubatt protection.
- Thinner floors, saving up to 100mm per floor where an unprotected 250mm floor slab is required.

For more information contact TBA Firefly, 44 Gindurra Road, Somersby NSW 2250, phone 02 8004 3333, email [sales@tbafirefly.com.au](mailto:sales@tbafirefly.com.au), website [www.tba-pt.com.au](http://www.tba-pt.com.au)



Photos taken at Melbourne Airport.



## LIFTING THE BENCHMARK IN SERVICE DELIVERY

United Lift Services is Australia's largest independently owned vertical transportation company. They work closely with a wide range of clients to supply and install elevators and escalators, with a focus on premium service packages to ensure their clients vertical transport assets remain in tip top condition with years of safe and reliable operation.

Established in 1998, United Lift Services operate from their head office in Melbourne with branches in Sydney, Brisbane, Adelaide, and strategic partners all over Australia. With over 200 employees – they serve the commercial, industrial and government sectors across the country.

For new installations, United Lift Services inhouse design team offer non-proprietary packages to suit unique site-specific requirements. They are a local company with an impressive portfolio of work including national contracts with Telstra and Aldi as well as continuing work with Metro Trains, Department of Health and Human Services, and multiple tier one builders.

"United Lift Services are Australia's leading third-party elevator provider," says Construction Manager, Josh Dales. "This means our broad supply chain enables us to deliver quality products that are built for sustainability and longevity. We pride ourselves on working

proactively with the project team to deliver innovative solutions tailored to our client's needs.

"A recent successful project for United Lift Services was the installation of two large goods lifts and 2 passenger lifts for Next DC Data Centre through Kapitool Builders," continued Josh. "The short build cycle meant we had to come up with creative methodologies to ensure we met the project critical path requirements in a safe and timely manner".

At Melbourne Airport, United Lift Services completed the installation of a 4-tonne goods lift, an escalator and a passenger lift with stunning custom fit out including black stainless steel, mirrors, and speciality cladding.

United Lift Services also offer modernisations of existing vertical transport systems and provide fully tailored upgrade packages, life cycle reports and performance analysis. Upgrades to elevators improve performance and safety with the inclusion of OH&S controls and facelifts for interiors and appointments.

For more information contact United Lift Services, phone 1300 161 740, email [john@unitedlifts.com.au](mailto:john@unitedlifts.com.au), website [www.unitedlifts.com.au](http://www.unitedlifts.com.au)

## HIGH QUALITY BENCHTOPS

Manooga Products is a solid surface fabricator, producing high quality solid surfaces for bathroom vanities and kitchen benchtops and all surfaces for wet areas.

"We fabricate and install stylish contemporary bathroom vanities, kitchen benchtops and surfaces for high quality residences, including laundry and alfresco situations," explained Owner, David Page.

"We also supply and install all types of commercial benchtops, reception desks, shelving and break-out areas for kitchens. We supply for commercial fitouts with Corian being our most popular product."

Solid Surfaces for moulded tops and vanity units provide seamless joins, hygienic and stain resistant. It is renewable with repairs made without the cost of removing the whole benchtop.

Australian owned and operated since 1965, Manooga Products is a family owned company run by David and brother Michael. Manooga Products have invested in quality machinery and first class raw materials at their West Ryde factory and have a showroom with samples and advisors to show a range of solid surface products.

"We are distinguished in our manufacturing by our can-do attitude, our ability to manufacture state-of-the-art product for high end developments. All our product is custom made, specially for each home or project."

"We have inhouse design and also work to specifications to create a cost-effective and buildable product. We have knowledge and experience of our product and craftsmen on board for hand finishing and our research and development team has led to the production of some new and elegant bowl shapes for vanity units," said David.

Manooga Products supply across the Sydney CBD and metropolitan areas, Newcastle, Canberra and the south coast of New South Wales.

Recently Manooga Products completed the fabrication of 40 units for the bathrooms and kitchens at the highrise residential development Loftus Lane at Circular Quay. They also provided 630 vanities for the apartments Natura at Macquarie Park.

For more information contact Manooga Products, 13 Rhodes Street, West Ryde NSW 2144, phone 02 9807 3511, website [www.manooga.com.au](http://www.manooga.com.au)



## Connected to Country

Left: Energy efficient solar panels on our site powers our administration buildings. Right: Newly launched Natralis™ range, a popular commercial product inspired by Australian nature

### Authentically Australian

Australia's only manufacturer of commercial vinyl flooring, Armstrong Flooring, is set for rapid expansion with new owners, investment, and interest in the Australian manufacturing business. Originally commencing operations in Australia as Armstrong Nylex in the 60's as part of a multinational company, and a brand that has been built over many generations, Armstrong Flooring is now entirely Australian owned and will continue to operate and expand into new markets as Armstrong Flooring. Armstrong Flooring take pride in producing durable high-performance flooring products for projects in Healthcare, Education, Retail, and Hospitality.

The new owners are known for their extensive experience in the manufacturing and distribution of residential and commercial flooring products and are further developing the business with the acquisition of new plant equipment and expansion of the product ranges.

### High performing, durable products that inspire

Whilst being a local manufacturer of trusted high performing product ranges that meet functional needs over many decades, the recently launched Natralis homogeneous sheet vinyl range is a good example of continued investment in new ranges that perform and inspire.

Inspired by our very own local history, iconic locations and the flora and fauna of Australia, each of the 20 colourways in the Natralis range has its own story about its source of inspiration. The collection captures our connection to country through colour in an authentic and playful way – play with colour, connect with place.

### Sustainability & Social Responsibility

A leader in responsible manufacturing and environmental practices for more than 50 years, Armstrong Flooring have been a supplier to the construction industry producing durable, high-performance products. Our Braeside, Victoria manufacturing facility, sales and administration teams employ over 100 people across the country that include members from 25 different nationalities and family members across multiple generations.

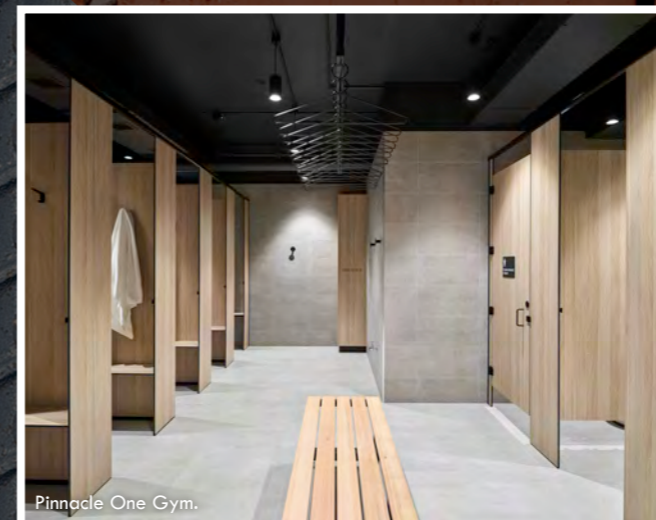
Armstrong uses resources wisely, have achieved national recognition for environmental practices, and have numerous accreditations including Best Practise PVC, ISO 9001 & 14001.

After 53 years of local manufacturing, Armstrong Flooring continue to be the only manufacturer of resilient flooring in Australia. We are excited to be continuing to serve the Australian market, our local community and economy as an Australian owned business.

Right to Left:  
Executive Director  
Hamish Mckendrick &  
General Manager  
Rob Mclorinan



1800 632 624  
www.armstrongflooring.au



## QUALITY DESIGNS AND PRODUCTS

**Backed by 85 years of expertise for quality you can trust, Laminex Waterloo has a range of different systems and products to suit every project.**

The Laminex Waterloo Partitioning Systems range is assembled locally in Australia using only Global GreenTag certified Laminex substrates and includes Shower and Toilet Partitions, Locker Systems, Vanities, Seating, Privacy Panels and Wall Panels.

“The systems can be customised for applications ranging from offices, retail spaces, health care facilities, educational facilities, sports and recreation venues and everywhere in between,” said Laminex Category Manager, Josh Woods.

Laminex Waterloo Partitioning Systems are delivered cut-to-size and pre-drilled as ‘flat packs,’ complete with instructions, fixings, and tools. In addition, the substrates can be cut on site if required.

“The range is available in a broad array of colours, substrates, and hardware, while providing all of the security, comfort and aesthetic appeal that is required in effective contemporary design,” said Josh.

Laminex Waterloo Partitioning Systems is available in Laminex Multipurpose Compact Laminate, a thick, versatile, extremely scratch, moisture and impact resistant laminate panel. The Laminex Compact Laminate range includes Protec+ anti-microbial surface technology, that inhibits the growth of bacteria and fungus. This technology helps to create a safer, cleaner environment anywhere.

Backed with superior warranties and guarantees on substrates and hardware, Laminex Waterloo Partitioning Systems is ideal for completing your next project.

“Laminex is dedicated to keeping manufacturing local, investing in industry skills growth as well as supporting communities and our industry,” said Josh. “Through innovation and a strong belief in Australian Made, Laminex continues to invest in new technology to produce locally made products with a focus on sustainable business practices.

For more information contact Laminex, phone 132 136, website www.laminex.com.au





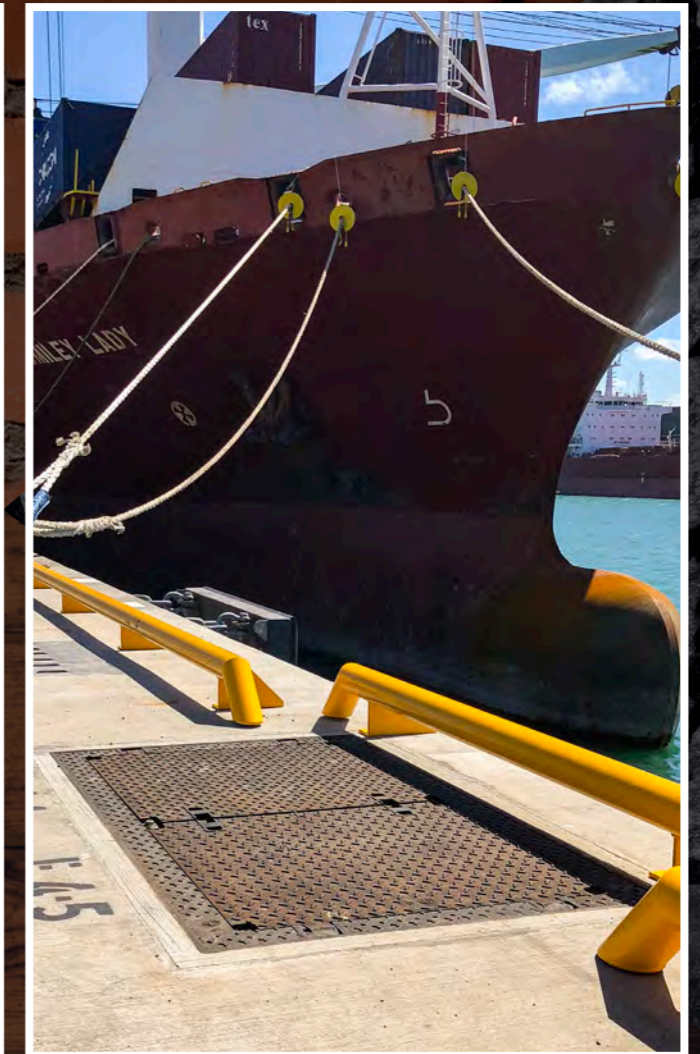
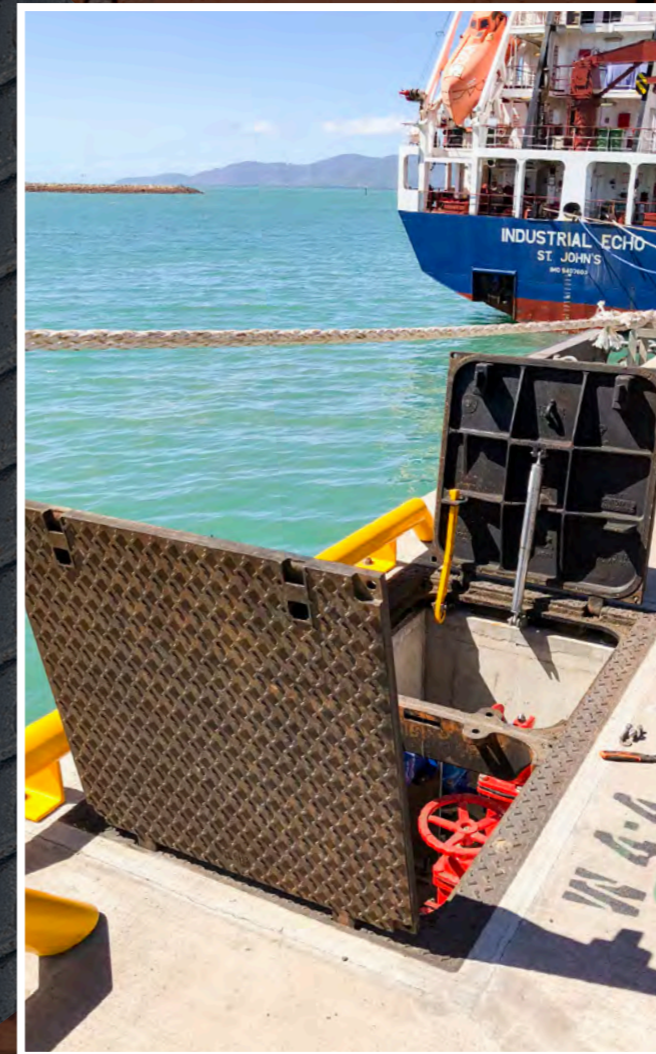
**Vanity Tops. Beautiful. Forever.**

The right choice for durability and strength, Duroclass is the manufacturer of beautiful Mineral Composite vanity tops and basins that stand the test of time.

Duroclass vanity tops will look beautiful now and in years to come. Made in Australia and made to last. Just like a diamond – beautiful, forever.

**Want to know more?  
Get in touch!**

[duroclass.com.au](http://duroclass.com.au)



**LIFT ASSIST ACCESS SOLUTIONS**

**EJ are the leaders in the design, manufacture and supply of access covers for utilities and infrastructure projects.** With safety and ergonomic design as a priority EJ produce easy to use and hard-wearing access covers to water and sewage services, electrical, gas and telecommunications infrastructure.

Founded in 1883, EJ built its first manufacturing facility in East Jordan, Michigan USA. With such a history EJ has accumulated years of experience growing their expertise alongside growing industries and infrastructure projects. Today EJ is a global enterprise promoting innovative design and manufacturing high quality product.

The designers at EJ are skilled at optimising every detail of the final product, ensuring the efficient use of materials, cost effectiveness and compliance with national guidelines.

In 2022 EJ won the North Harbour Business Park Award for Advanced Manufacturing Excellence at the Moreton Bay Region Industry and Tourism (MBRIT) Awards, an acknowledgment of EJ's high standards of design and manufacture. "For the construction of today's high tech airport and port facilities, contractors depend on EJ as the leader in the design, manufacture, and distribution of the

most innovative infrastructure access solutions. EJ has a proven track record for delivering the highest product reliability and mechanical efficiency available," said Sales Director, Ian Maddocks.

EJ has offices in the Americas and Europe. In Australia they operate from Brisbane, Sydney, Melbourne and Perth to serve projects across the country.

Recently EJ was contracted to supply an access cover package for the berth four terminal upgrade at the Port of Townsville, northern Australia's largest container and automotive port.

Queensland Sales Manager for EJ, Marty De-Wit, offered contractor Civilplus an alternative design with a superior access product that didn't need machinery to remove the covers, nor did it require ongoing servicing and maintenance and is designed with the safety of port workers in mind.

*For more information contact EJ, 2/354 South Pine Road, Brendale QLD 4500, phone 07 3216 5000, email [au.info@ejco.com](mailto:au.info@ejco.com), website [www.ejco.com](http://www.ejco.com)*



## RINGER AL2000

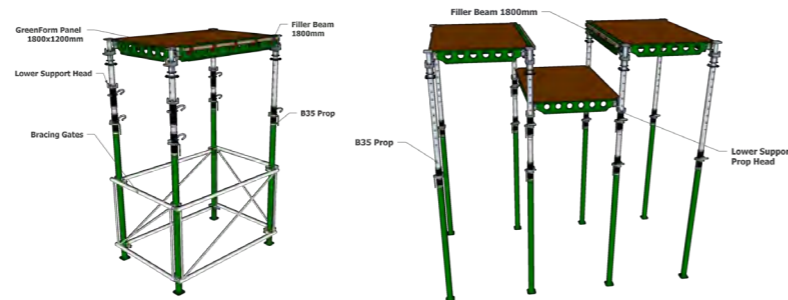
LIGHT FORMWORK SYSTEM IN ALUMINIUM OR STEEL

The compact 'Ringer AL2000' formwork system from RINGER, offers Australian construction sites a low weight and high resilience formwork solution.

Ringer AL2000 RINGER

- Hand-set
- 60 kN/m<sup>2</sup> fresh concrete pressure
- Panels sizes from 250mm-3000mm
- Closed hollow chamber profile made of aluminium
- Easy to clean
- Simple handling thanks to additional handle tubes
- Available with Phenolic, ply, plastic coated ply, or Alkus panel

The system can be configured for a range of applications including; shaft formwork; basement construction; foundations, beams and parapets; round walls and columns; and Hall walls.



## GREEN FORMWORK



PROP | PANEL | DROPHEAD  
EARLY STRIP

### SUSTAINABLE

- Bamboo-composite boards constructed from renewable resources
- Stripping heads are cast with recycled steel
- Reduction in onsite waste, removal, transport and disposal costs

### SAFE

- Stable system with locking restrictions in six directions. Unique wind-lock design.
- System can be erected from the ground eliminating working at heights risks

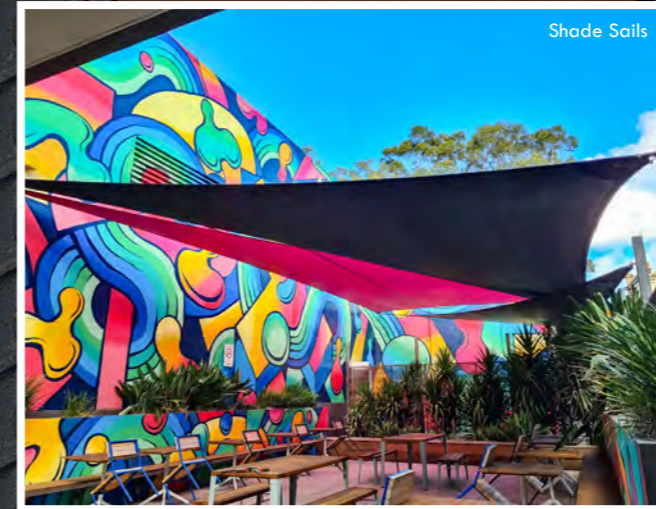
### INNOVATIVE

- Minimal components: Panel prop and infill beam
- Beam and soffit can be formed from the same prop

### EFFICIENT

- Only four people required for setup, stripping and removal with each achieving up to 100m<sup>2</sup> setup per person, per day

Engineered In Australia



Shade Sails



Camo Net



Shadex



Span Shade

## HIGH QUALITY, LONG LASTING SHADE SHELTERS

Family owned Sydney Shade Sails are ISO accredited for quality. The company's range of shade sails and canopies are custom made in their factory at Peakhurst, New South Wales, with their newest product, Camo net shade sails, manufactured in Vietnam.

"The Camo Net Shades are a high quality system that not only looks great but provides long lasting sun protection and can be installed over pergola frames, used as privacy nets and more," said General Manager, Serena Collins.

"They provide dappled shade, the netting broad leaf design moves in the breeze, creating a uniquely decorated space," said Serena.

Manufactured from heavy, durable, perforated Ripstop, Camo net shade sail sides are cut with an inward curve and are fixed to a stainless-steel cable meaning the shade sail camo net doesn't sag when installed and tensioned. With low wind resistance, heat can rise through the nets which provide dappled, 70-80% shade.

"Shade Sails create a cool aesthetic outdoor environment with commercial grade shade cloth, steel posts and anchor points," said Serena.

"Designed to be strong and durable, they have double layered corner patches, seat belt webbing reinforcement and double stitching. Combined with stainless steel cable and hardware, the result is a premium quality product."

Sydney Shade Sails have a range of products to suit the diverse needs of sites, including Span Shade Structures, which are a cost-effective shade solution to larger areas.

Shadex shade structures are another great investment for an outdoor all weather shade solution. An architectural PVC membrane and precast connector are used to fix arched tubular rafters to tubular bearers which Serena says, "eliminates the costs of welding and galvanising."

"Our structures are site specifically engineered to withstand the wind pressures of the site they are to be installed at. Cloth canopies are cooler than metal and polycarbonate rooves," Serena said.

For more information contact Sydney Shade Sails, 23-25 Norman Street Peakhurst NSW 2212, phone 02 9592 0401, email enquiries@shadesailsydney.net.au, website www.shadesailsydney.net.au

## NEW ALUMINIUM ELITE RANGE

Hume Commercial Doors & Frames, a division of Hume Doors & Timber, are experts within the door manufacturing sector. Their passion for innovation drives them to continually reinvent and create new products to meet their customer needs, such as their newest commercial product, architecturally designed Elite Aluminium Doors, the result of a transformative step within the industry.

### What is unique about the Elite Aluminium Doors?

Traditional timber entrance doors require overhead protection to shield them from damage caused by exposure to weather. Whereas the Elite Aluminium doors are highly durable and effective in exposed weather situations – the perfect solution for entrances that have little to no protection from the elements.

Unlike other aluminium doors, the Elite range can be hung in a timber frame, which means they can be retrofitted to an existing opening. They can also be supplied with the Weatherguard timber entrance frame to provide a complete weather protection solution.

These low-maintenance doors have a powder coat finish and are ready to install.

### What type of environment would these particular doors be perfect for?

The Elite doors are the perfect entrance doors for any residential housing, but are particularly suited for home designs where the entrance has limited overhead protection. These doors can also be made to size, to suit a variety of client's needs.

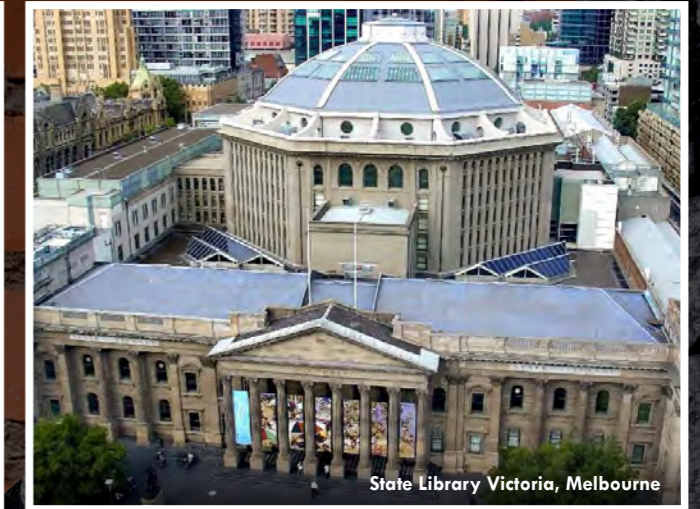
### What can customers and clients expect from Hume Commercial?

We have a dedicated and experienced team, as well as innovative manufacturing solutions, which means that you will always receive excellent customer service and precision products that are manufactured to specifications, every time.

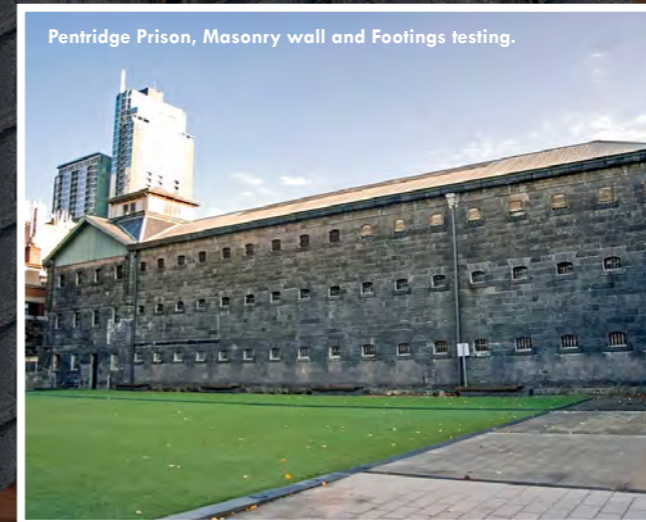
Hume Commercial Doors & Frames offers a National, State and Local network, as well as dedicated estimating services, onsite solutions and consultation services for builders. Their highly skilled team can help with design recommendations and offer CAD expertise.



Testing underway at the Sugarloaf Road Bridge, Axedale Victoria



State Library Victoria, Melbourne



Pentridge Prison, Masonry wall and Footings testing.



Testing underway at the Sugarloaf Road Bridge, Axedale Victoria

## SHOCKINGLY EASY FORENSIC ENGINEERING

Integrity Testing is proud to provide an exciting method of non-destruction testing using the Mod-shock® System. 30 years in development and extensive successful field use, Mod-shock® is a revolutionary, non-destructive way of testing wood, concrete and steel poles, columns or piles, for a range of structures including bridges, buildings and civil infrastructure.

“In simple terms, the Modified Shock Test (MOD-SHOCK) is a refined seismic test using a hammer blow as the force and a transducer to pick up the resultant vibrations,” said Director and Civil Engineer – NDT Specialist, Rikki Tongue. “The system then determines the load carrying capacity and integrity of in-service bridge supports.”

The Mod-shock® testing methodology is an in-situ test which directly measures the structures (buildings/bridges) existing support (pile, pier, column) capacities to determine what additional loads can be applied safely. The Mod-shock® system can set up to deal with a range of situations depending on the project needs, interfacing with integrity poles, integrity piles or integrity rock bolts.

“Studies have demonstrated that Mod-shock® identifies the defective piles, poles or columns and it directs the client to where the element is

defective,” said Rikki. “It can also give geotechnical data on the soils surrounding the pile or foundations and the bearing capacity of the soils to support the foundations.”

This technology is particularly useful when looking at heritage buildings, as the Mod-Shock® method is able to determine avenues of refurbishment, conservation or upgrade to suit any aesthetic and durability concerns, by verifying the structure’s supporting load capacity, and what additional loads can be safely applied onto existing supports.

Integrity Testing are leaders in non-destructive testing and specialise in helping their clients find innovative, cost-effective strategies for the repair and maintenance of their built infrastructure assets. By combining their extensive experience as engineers and material specialists with the latest advances in testing and digital technology, Integrity Testing provides the answers you need to manage your infrastructure.

For more information contact Integrity Testing, phone 1300 000 332, website [www.modshock-equipment.com](http://www.modshock-equipment.com)