

A FIRST CLASS CENTRE FOR TRUE EXCELLENCE

The new Sunshine Construction Futures building will provide a centre of true excellence - high quality, accessible, industry-responsive facilities from which to deliver building and construction training.

VIC UNI SUNSHINE CONSTRUCTION FUTURES / KANE CONSTRUCTIONS



Left The impressive Vic Uni Sunshine Construction Futures Building constructed by Kane Constructions

The construction company engaged to build the “Victoria University Sunshine Construction Futures” project is Kane Constructions, one of the largest privately owned construction companies in Victoria. They are a highly successful, commercial construction company active in all sectors of the industry with a turnover of \$460 million, employing 285 full time employees.

Kane Construction’s success is a testament to the company’s integrity, expertise and ongoing commitment to a broad range of industry sectors including education, health, recreation, community and defence. The company was established 39 years ago and operates throughout the east coast of Australia and overseas from offices in Melbourne, Sydney & Brisbane.

As principal contractor, Kane is proud to be delivering this exciting new project for Victoria University which has been designed to achieve a 6 Star Green Star credit rating. Paul Christian, Project Manager for Kane stated “Once complete, the project will be a state of the art training facility for carpentry, joinery and bricklaying apprentices, which will include permanent displays of construction methodology and materials, so stringent quality assurance processes have been followed to ensure we set an example to those learning a trade.”

Professionalism and experience gained from 40 years in the industry has helped Kane build a reputation second to none. Paul observes “One of the most challenging aspects of this project was the contractual obligations which required additional staff to carefully review and manage documentation it’s a real credit to the Kane team, our sub-contractors and the consultants, that we have achieved the desired outcomes for the client.”

“The new building is dominated by a 250 metre long geometric twisting facade constructed from sustainable materials. The team worked very hard to bring together the key trades required to complete the design.”

Kane has achieved steady and sustainable growth and the company is well placed to take on a mix of short, medium and longer term projects in the \$1 million to \$150 million value range. The company has a strong balance sheet, no debt and significant cash reserves which provide a high level of comfort for clients – especially in the current uncertain economic climate.

At Kane, staff with the appropriate skills, experience and technical qualifications are engaged and promoted within a ‘flat and open’ management structure. Graduates in building, engineering and architecture occupy project management and contract administration positions. Careful staff selection and training ensures site managers and foreman of the highest calibre make up the on-site teams. Teamwork, backed by effective programming, communication and administration skills, result a highly motivated and positive approach to the most challenging projects.

Employing young people and mentoring them in the ‘Kane way’ is a key success factor. The company places a strong emphasis on training and empowers its staff to take on new challenges and fulfil their potential. They are rewarded accordingly. Kane is an opportunistic, entrepreneurial company that welcomes new ideas and has a supportive environment and systems which assist staff in managing and enhancing their performance.

To ensure that Kane Constructions delivers on its commitments to all stakeholders – clients, employees, the community, its service providers, suppliers and subcontractors and its shareholders- the company has a Business Management System (BMS) that is fully certified and complies with ISO9001, ISO14001 and AS4801. Kane Constructions successfully delivers quality projects for its clients across all sectors – from any location – at any scale.

For more information contact Kane Constructions, website: www.kane.com.au.

Right Signal & Hobbs were mainly responsible for the installation of the metal roofing and polycarbonate façade system.

Signal & Hobbs

roofing specialists

Signal & Hobbs have been involved in fabricating and installing metal roofing and sheet metal rainwater products for over 38 years. In this time they have been involved with many of Victoria's major construction projects. This vast experience in their chosen industry is why builders and developers have chosen this company as their preferred contractor.

Whilst providing roofing solutions for major construction projects Signal & Hobbs has established trusted relationships that has seen the business awarded major projects. Westfield D&C Doncaster Shopping centre and Chadstone Shopping Centre are just two examples. The company growth has been slow and steady and now with the logistical support to complete multiple projects, Signal & Hobbs are able to work across many projects at the same time.

The growth of any business is linked to the employees and their contribution and at Signal & Hobbs their core group of employees have been constant. Signal & Hobbs are committed to the plumbing industry and all of the roofing plumbers are registered with the plumbing industry commission and have trade qualifications. They believe training for the industry is critical and ensure the quality of workmanship within their trade is maintained, and remain committed to apprentices and their training.

Signal & Hobbs are proud to be involved in the construction of the new \$35 million first class facility for "Victoria University Sunshine Construction Futures". Up to 15 employees are working on this project and their main role was the installation of the metal roofing and polycarbonate façade system. One of the main challenges involved includes the delivery and installation of the long length metal roofing material. Their expertise and experience along with the best quality products sourced will ensure the best results for this particular project. The newly used material to be applied to the walls and façade "Lexan Thermoclick" will ensure results are achieved.

Include Signal & Hobbs on your tender list to receive competitive estimate quotations for

all construction projects. With experience in architecturally designed projects and design and construction developments they can provide design assistance and advice for all metal roofing projects.

Signal & Hobbs are proud to own their own range of plant and equipment which provides great flexibility and cost efficiency for their access needs ensuring the project runs smoothly.

With ISO 9001 Certification pending and a NCOP compliant sub contractor working on many of Victoria's major projects Signal & Hobbs is committed to quality workmanship and products for their builders and their clients, understanding that roofing installation is in the critical path for most projects and employing upwards of 80 full time people they are able to deliver large scale roofing projects on program, saving time and money.

Metal cladding can provide a great alternative to some more expensive and traditional forms of external cladding products, at Signal & Hobbs they have significant experience in the installations of many types of cladding products from hi-tensile metal profiled sheet claddings on industrial warehousing to custom folded and powder coated aluminium panels. As well as having installed polycarbonate glazing style systems to building façades.

Flashings made to order are fabricated within their sheet metal workshop. Signal & Hobbs can fabricate almost any light weight sheet metal product. Customers have been coming to signal & Hobbs for many years for their sheet metal rainwater products. From flashings, rain heads and box gutters to bay window canopies and roller shutter pelmets.

Signal & Hobbs also supply all roll formed products made for the use of collecting and shedding of rainwater for any roof installation.

For more information contact Signal & Hobbs, Unit 11, 6-12 Airlie Avenue Dandenong VIC 3175, phone 03 9791 5355, email: sighob@sighob.com.au



Below Nanokote applied its EcoBarrier™ anti-graffiti coating to the Danpalon polycarbonate walls for the Victorian project.



Nanokote was engaged to apply its EcoBarrier™ anti-graffiti coating to the Danpalon polycarbonate walls for the Victoria University Sunshine Construction Futures project. The Danpalon substrate was particularly susceptible to permanent damage from both graffiti markers and removal agents that would result in permanent damage to the surface.

EcoBarrier™ is founded on organometallic nanotechnology which means that the coating possesses properties of both in-organic or metals and non-metals or organic components. In simple terms this means that with the use of EcoBarrier™, Nanokote can form a very hard, chemically resistant coating that provides high bond strength, excellent durability and resistance to UV light along with extreme resistance to the latest aggressive graffiti markers. You can think about it terms of protecting surfaces with a clear layer of steel, the steel giving the metal property and the film forming property arising from the non-metal or organic components.

EcoBarrier™ achieves a strong bond and is virtually invisible on most surfaces. Application of the barrier is straightforward via roller or spray.

Recently Nanokote released a patent protected decorative concrete coating that combines the functions of anti-carbonation (protection from concrete cancer) and anti-graffiti coating. Nanokote has been working with government road & rail authorities for five years as the need for the next generation concrete coating materials was identified. The brief called for best practices in order to achieve cost efficient design, enhanced service life, reduced maintenance costs and the utmost in safety.

ProGuard™ from Nanokote Pty Ltd is a single coat solution for decorative anti-carbonation and anti-graffiti protection requiring no priming. This allows for a single coat (or two coat wet on wet) to be directly applied to dry or damp concrete. This replaces typical competitor systems of a standard 4-coat: primer, two separate coats of acrylic (24 hours apart) followed 7 days later by a polyurethane clear coat.

ProGuard™ can be applied directly to damp concrete at temperatures as low as 3°C reducing lost time from rain or environments where morning dew or high humidity cause delays. Typical competitor systems cannot be applied on damp surfaces or at temperatures below 10°C.

The speed of application and reduced ancillary costs of traffic management and access equipment combine to reduce risk and cost to the contractor by up to 75%. Chemical or fusion bonding with the concrete creates an incredibly durable coating that resists peeling, flaking and blistering providing long term downstream benefits for the asset owner.

Nanokote is a division of Australian company Micronisers Pty Ltd. Founded in 1987 the group of companies are trail blazers in the field of nanomaterials in Australia and has worked closely with CSIRO in developing commercial applications in nanotechnology.

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With an increasing requirement for commercial and residential developments to include secure bicycle parking facilities, it is now more important than ever to select products with a proven record in security, durability, performance and quality. Cora Bike Rack is a specialised Australian company that designs, manufactures and supplies bicycle parking racks, rails and lockers across Australia. Already a key supplier to most local governments and major builders since 1997, Cora Bike Rack has the experience, knowledge and product selection to provide the ultimate end of trip bicycle parking facility for cyclists.

Recently, Cora Bike Rack supplied its Expo Series bike racks to provide 100 secure bicycle parking spaces for students at the innovative Victoria University Sunshine Construction Futures building. As with all Cora products, the Expo Series racks are certified by EcoSpecifier to comply with AS2890.3 guidelines and are eligible to earn points towards Green Star ratings. Cora Bike Rack's full range of Australian made products can be found on their new website which allows viewers the ability to create online quotes as well as download product specifications, price lists and CAD drawings. With an extensive range of secure and attractive products, door to door delivery across Australia, and the best product guarantee in the industry, Cora Bike Rack can provide the ideal bicycle parking solution to make your project a success.

For more information contact Cora Bike Rack Pty Ltd, phone 1800 249 878, fax 1800 249 879, email: sales@cora.com.au, website: www.cora.com.au