

## **DE MARTIN & GASPARINI**

# TRUE BEAUTY EXPOSED

The team at DeMartin & Gasparini (DMG) have played an integral role in the development of many iconic buildings in Sydney. Just recently the team were involved with the DUO Central Park construction.

This captivating project features two 18-storey, interconnected towers sitting on a combined five level basement carpark. The DUO is a mixed use residential, commercial and hotel development which embraces the recently refurbished, heritage listed, Australian Hotel.

The \$290 million joint venture between Frasers Property Australia and Sekisui House forms a key part of the ongoing Central Park masterplan.

DMG were contracted to supply, pump, place and finish concrete for this significant project. With over 37,000m³ of concrete supplied by Boral, DMG used two stationary high pressure concrete pumps and four concrete placing tower booms on the job.

Renown architectural firm, Foster + Partners incorporated exposed concrete as part of the unique theme. Some of these exposed concrete elements were the lift and stair walls to the lobbies, the concrete truss with Y shaped columns and exposed facade columns.

DMG utilised Boral's self compacting concrete to assist in achieving this high level of finish to these exposed concrete elements. This enabled the consistency in concrete compaction and colourisation was maintained.

The use of self compacting concrete provided a significant reduction in manual safety risks and also added value for the client. The exposed concrete finish is a true highlight of the project giving the building a unique, timeless look.

DMG's distinction is in their people. All their project managers are registered with professional bodies and our continuous education programme ensures that they are on the cutting edge of construction management.

For more information contact De Martin & Gasparini, 16 Hill Road, Homebush Bay NSW 2127, phone 02 9748 5100, fax 02 9748 0041, website www.demartinandgasparini.com.au





#### **PERFORMANCE IN PLACE**

## PRECAST PANELS MANUFACTURED FOR LUX-UARY

LUX Precast are leaders in the production of precast concrete elements and panels.

The company manufactures and supplies panels with a range of finishes and specialises in customised formwork and moulds to create texture and pattern on concrete.

A recent achievement for LUX Precast was the large scale production of precast concrete elements and panels for the construction of East Brunswick Village for Hacer Group. The mixed use complex comprises two 6-storey apartment buildings with a supermarket and tenancies.

For the project, Lux Precast manufactured over 2,500 precast components including core and façade walls and precast columns. Combined with over 500 brick facing panels utilising Robertson façade system's rustic blend bricks.

"We manufactured everything in our facility in Dandenong over six months," said Construction Manager, Michael Clayton. "It was a quick production but the greater challenge was the large scale of the job."

LUX Precast also produces high end customised precast concrete elements and finishes for architectural features.

They provide customised panels with exposed aggregate and graphic concrete and has an extensive range of forms, rubber and metal moulds and colours to create different looks. Patterning concrete is an increasingly to the surface.

LUX offers their knowledge and practical approach to forming and casting concrete for building and architectural purposes, for every project.

"We specialise in the manufacture of precast elements using a vast range of materials and methods for high end architectural features," explained Michael. "We use quality materials and focus on structural integrity."

"Our large capacity production facility distinguishes us in the precast industry, we have over 1,000m<sup>2</sup> of table space and can produce up to 50 panels a day, and have storage for over 1,500 panels," Michael added.

LUX Precast has dedicated sales, project, logistic and floor staff to manage their precast projects through to completion.

"We pride ourselves on our excellent customer service," said Michael.

More of LUX Precast's work can be found in East Brunswick, with a 12-storey development at 7 Lygon Street. Lux Precast manufactured 900 timber look patterned panels for the façade utilising a Reckli formliner.

"The majority of our projects are mixed use apartment complexes in the Melbourne metropolitan area," Michael continued. "We also supply product for unique luxury residences, boutique retail tenancies and the commercial sector as well as schools and

For Deakin University LUX Precast manufactured 700 patterned panels that were used across the façades of three buildings as well as the precast lift and stair cores.

LUX Precast also manufactured and supplied the curved panels for flowing façade of the College Music and Drama building for St Leonard's Secondary College in Brighton.

Other successfully completed projects for LUX Precast include the manufacture and supply of custom mould façade columns popular method that adds depth and texture for an 8-storey residential tower at Burnley Street, Richmond for Hamilton Marino. At street level the units show façades of brick look Reckli pattern panels.



For more information contact LUX Precast, 5-23 Carter Way, Dandenong South VIC 3175, phone 03 8762 1500, email info@luxprecast.com.au, website www.luxprecast.com.au



KINGS OF CONCRETE FEATURE



#### ONE JUMP AHEAD

The Adcon Group of Companies has a well deserved reputation for delivering quality concrete projects on time and on budget.

The company has delivered world class facilities such as hospitals, stadiums, high rise hotels, residential and commercial buildings as well as rail, infrastructure, and underground works throughout South East Queensland, Northern Queensland, New South Wales, Victoria and the Australian Capital Territory.

Their success can be measured by the fact that 90% of Adcon's business comes from repeat clients who regard the company as a preferred contractor. Challenging projects are welcomed by Adcon Group who can call on over 30 years valuable experience in the concrete and construction business, both nationally and internationally.

Adcon Group is strongly focussed on systems development and innovation. Owner and Managing Director, Danny Isaac said that Adcon Group is not content to do things in the concrete and construction business as they have been done in the past.

"Our inhouse engineers and designers are constantly searching for smarter systems and better ways to achieve safe, structurally sound outcomes delivered to our clients' budgets and timelines. As an example, we have designed our own jump formwork system which is of great benefit to our clients particularly in relation to work cycles on high structures. The design allows the system to be adapted to a wide range of core or lift shafts."

Two recent major projects have highlighted Adcon's capability and innovative approach – the KoKo apartment building in Broadbeach on the Gold Coast and the Botanic Apartments situated at 25-29 Coventry Street near St Kilda Road and the Shrine of Remembrance in Melbourne.

A Morris Property Group development, KoKo has 99 apartments over 31-floors. Adoon Group devised an integrated formwork system that will be robust in all weather conditions during the construction process.

"Being right near the coast, high winds can be problematic. This was a situation that needed an approach utilising technology and systems management and we are providing that during the construction process," explained Danny.

The Botanic Apartments, being built by Icon, will have 288 apartments over 21-levels with three basements. Adoon Group was invited to deliver the concrete construction elements based on their intelligent design approach including their jump form system.

"We are rapidly expanding our activity in Melbourne and surrounds," Danny said. "The Botanic project will be a showcase for our work."

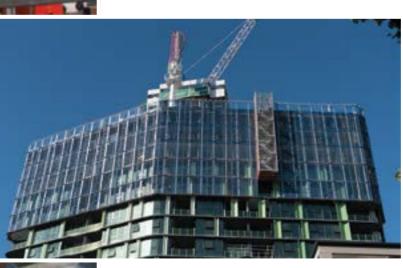
Adcon Group's progress highlights the value of the inhouse engineering team which works with their construction department, programmers and safety manager on all major projects. Adcon produces a certified engineering analysis on loads, reactions and all proposed elements during the design phase.

For complex and specialised project solutions, Adcon's design team will then finalise shop drawings for the manufacture department to fabricate including project specific solutions such as edge protection screens, jump forms, cantilever/spanning formwork systems or high strutting table forms to the specific requirements or constraints of clients. These project specific solutions will then match all relevant staging plans and proposed construction methodology.

"Having full design and fabrication capabilities for jobs that require technical engineering solutions allows us to do most tasks inhouse which ensures quality, costs and deadlines are well managed," Danny emphasised. "We tailor construction solutions and methodology for every project we undertake. Our steel fabrication facility works hand-in-hand with our engineering team designing our jump forms, quick stairs and various other equipment."

Adcon Group is firmly committed to continued innovation in the concrete construction business and building on their network of satisfied clients. As part of the commitment to Melbourne and consistent with the company's philosophy of giving back to the community, Adcon Group has supported the Port Melbourne football and cricket ground which will now be called 'Adcon Stadium'.

For more information contact Adcon Group, Level 1, 33 Longland Street, Newstead QLD 4006, phone 07 3118 1717, email info@adcongroup.com.au, website www.adcongroup.com.au





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# TRAINO GROUP









02 9723 1700 TRAINOGROUP.COM

## BEENAK CONSTRUCTIONS CONQUERS FOOD SAFE FLOORING

Beenak Constructions is at the forefront of providing concrete and formwork solutions for the building industry, with a special focus on food production facilities. Managing Director, John Salvitti founded Beenak Constructions in April 2003 and the company has grown to a team of 22 people servicing projects up to the multi-million dollar figure throughout Victoria.

Early on in the business, John identified a need for a specialist concrete provider to the food production sector where Food Industry Standards require specific attention to detail on aspects of construction including drainage, reinforcing of floors and coving. Beenak Constructions is now a leader in this field which includes abattoirs, boning rooms, cool rooms, smallgoods plants plus poultry, fish and vegetable production facilities.

"Our services range from the design and construction of new facilities to the refurbishment of concrete floors in existing buildings including the installation of expansion joints, concrete floor hardeners, coving and stainless steel slot and wide drains," John said. "We utilise all our experience to advise clients on appropriate construction principles to meet the hygiene standards laid down in the food production industry which will save them expensive repairs down the track."

Projects for many food industry companies have been completed, including Kraft,

MC Herds Geelong, PFD Food Services, Tip Top Meats, Hardwicks Kyneton, Pacific Meats Thomastown, Ridders Fresh and Richmond Oysters. The Tip Top Meats project involved converting a 3,000m<sup>2</sup> transport facility into a boning room which met industry standards.

"We ensure we give our clients an end result which will last 20 years, taking advantage of the specialist knowledge and experience of the Beenak Constructions team," John said. "We are not just a concrete company looking to do a job at a price. We provide ideas, detailed plans and workable solutions for our clients. As a result, nearly all our work now comes from long established clients and word of mouth."

One of the products in which Beenak Constructions has installation expertise is Surecove, an innovative system of coving for the commercial building and construction industry. It is particularly suitabile for the food industry and in facilities where hygiene protection is a priority. Surecove is a moulded vinyl ester pultrusion coving with a 50mm radius cove and 45 degree splay.

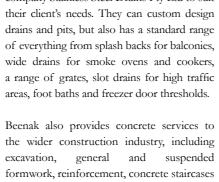
solution with high impact resistance and it can withstand chemical attack. "It is efficient to handle and install so offers cost savings. Importantly, it has the approval of the Australian Quarantine and Inspection Service, so is suitable for export establishments."

John said that Surecove provides a hygienic

Beenak Constructions has designed specialty stainless steel products through their associate company Stainless Steel Drains Pty Ltd to suit areas, foot baths and freezer door thresholds.

and refurbishment. A recent project for Lendlease saw Beenak provide concrete and formwork services over 18 months on an RMIT project. This included building a crane base 12m deep in a tight position. They also completed the concrete work on one of Lendlease's timber buildings at Docklands, providing the ground floor and first floor slabs plus a 75mm screed for sound proofing on 8-levels of the building.

John said that Beenak Constructions can handle intricate and difficult jobs as well as major projects. "Our reward is exceeding every expectation of our clients and delivering a professional job safely and within budget."











#### IN GOOD HANDS WITH SVG CONSTRUCTION

SVG Construction (SVG) operates a vibrant and successful construction and contracting business from their headquarters in Perth, servicing commercial, residential, mining and infrastructure projects throughout Western Australia. Family owned, SVG was established with a managment team having decades of experience providing structural and civil contracting works throughout Australia.

Managing Director Sean Gallagher has over 30 years experience which has given him the capacity to leverage the shifting climates within the construction and resources sectors. SVG is the only company in Western Australia which offers a total turn-key structures package, from the planning stage through precast to final structure. The SVG team have a vast knowledge and experience base to work from in offering this service, with the most challenging or compressed programmes within SVG's capability.

SVG works closely with their clients from the early planning stages to maximise opportunities and create efficiencies during the construction programme. This is assisted with inhouse 3D modelling capabilities

which can help SVG's clients in the tender phase with a competitive edge to secure the contract.

SVG Construction undertakes projects ranging from small works packages right through to large multi-million dollar developments for a range of clients including Multiplex, Jaxon, BGC, Doric and Clough to name a few. Most recent achievements to date include a 27-storey Mantra Hotel at 900 Hay Street in Perth, a hydrate storage facility for Alcoa at Pinjarra, the 13-storey plus four basements Vantage apartment development and an oxalate facility for Alcoa at Wagerup.

On the Mandurah Forum Shopping Centre redevelopment, SVG were able to maintain a suspended slab pour rate of 2,500m<sup>2</sup> per week. SVG continued this progress on the Midland Gate Shopping Centre redevelopment but also included the manufacture and installation of 400 precast panels.

Sean said that SVG has experience and proficiency in bulk and detailed excavations, major civil works, commercial building foundations, elevated suspended slabs, tunnels, retaining walls, culverts and bridges.



"We also regularly construct large reinforced concrete suspended slabs, utilising our own modern fleet of mobile concrete pumps and static concrete towers and pumps," said Sean. "Precast concrete is another SVG specialty, along with tilt-up panel construction and installation." SVG does not compromise on quality when it comes to their people, equipment and suppliers. SVG has a wide range of owned equipment ranging from formwork systems to concrete pumps to excavators.

In order to ensure the integrity of their equipment, SVG has formed strategic relationships with partners of choice for the supply and maintenance of all their heavy plant machinery, trade tools and equipment. Long standing supplier relationships, combined with a reputable logistics team, have been a contributor in successfully meeting project requirements, as well as ensuring fast and problem free mobilisation to site.



SVG's wide range of equipment includes excavators, watercarts, pozitracks, bobcats, telehandlers, forklifts, 39m and 47m mobile concrete pumps, static tower concrete pumps, 6,000m<sup>2</sup> of high shoring table formwork systems, 10,000m<sup>2</sup> of RMD formwork systems plus site offices and amenities.

Sean said that SVG is committed to providing an unparalleled service and continuing on a growth path for the benefit of their clients, staff, suppliers and the Western Australian building industry. Sean added that he and his pro-active management team were ready at all times to undertake projects of any size.

For more information contact SVG Construction, 79 Vine Street, Herne Hill WA 6056, phone 08 9550 3150, fax 08 9296 1492, email info@svgwa.com.au, website www.svgwa.com.au

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#### **CPS CONCRETE GROUP**

CPS Concrete Group is an experienced and highly respected Canberra based company specialising in concrete placing and finishing. With over 40 years successful involvement in the building industry, CPS Concrete is now set to expand their range of services to encompass steel fixing and landscaping.

Co-Director, Tony Costanzo said that steel fixing and landscaping were a logical extension to the professional services offered by CPS Concrete. "We have been involved in many high profile projects in Canberra and have developed a great working relationship with many leading builders. We observed that these clients also needed quality teams to assist with both steel fixing and landscaping, so we have developed a strategy to incorporate these activities into our corporate offering."

The CPS Group is adding qualified people with the right skill sets and strong local knowledge to their team to carry out the new functions. "This will ensure the high performance we deliver in concrete placement and finishing are carried through in the new activities," said Tony.

Many of the projects which CPS Concrete has undertaken have demonstrated the company's capacity and willingness to adapt their approach to challenging design scenarios. Innovative solutions are a trademark of the Group whether carrying out major commercial construction jobs or domestic assignments. This spirit of innovation will definitely be carried through to steel fixing and landscaping.

As with their established concrete placing and finishing business, CPS Concrete Group will have the best equipment available for any size task in steel fixing or landscaping. "We have an extensive range of equipment for jobs of any size and we maintain all plant and equipment to the manufacturer's specifications and applicable legislative requirements. We ensure that all our equipment and machinery operators are fully trained in all aspects of the equipment they use, with a high emphasis on safety," said Tony.

"Our expanded activities will ensure we can successfully deliver projects of all sizes and requirements from steel fixing, through to concrete services and the finishing touches of landscaping."

For more information contact CPS Concrete Group Pty Ltd, 7/63-65 Wollongong Street, Fyshwick ACT 2609, phone 02 6228 1552, fax 02 6228 1529, email info@cpscg.com.au, website www.cpscg.com.au

#### **CUT ABOVE THE REST**

Complete Cut Canberra is the largest concrete cutting and drilling business in Canberra, where they have been successfully delivering specialty concrete services since 2002.

The company proudly owns an array of modern technology for concrete cutting, including the biggest wall saw in the nation's capital. Director, Duane Clark said the giant saw can cut deep footings, up to 920mm deep. "Mounted on a track, the saw guarantees straight cuts every time and we have found it invaluable while working on the larger apartment projects around Canberra."

"The wall saw is just one of the many tools we have at our disposal to ensure we deliver on time results for even the most complex drilling and sawing projects," explained Duane. Other technology Complete Cut Canberra utilises includes a 72HP diesel hydraulic cutting saw with drill bits of up to 800mm diameter that have the ability to drill 680mm deep. Electric saws are also used inside buildings as they are safe to work with in enclosed environments as no fumes are produced.

Duane emphasised that it is not just advanced concrete cutting technology which gives Complete Cut Canberra their leading edge. "The skills of our operators are as important as the machines themselves. It is the combination of technology and our skills that ensures work is completed in a professional, safe and timely manner."

While Complete Cut Canberra has many major projects to their credit, the company welcomes the opportunity to undertake smaller jobs, including minor hand sawing tasks. The company's range of services includes precision drilling, expansion joints, core drilling, concrete floor grinding, hydraulic ring sawing and concrete removal.

Complete Cut Canberra has an impeccable onsite safety record and has implemented high quality safety standards and risk management procedures to ensure that their team and clients' staff stay safe on the work site. With a well trained team equipped with the latest technology, Complete Cut Canberra are poised to build on their excellent reputation in concrete drilling and cutting in the nation's capital.

For more information contact Complete Cut Canberra, 1 Loureiro Street, Conder ACT 2906, phone 0417 485 771, email completecut@grapevine.com.au, website www.completecutcanberra.com.au



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In addition to the above services, Nova-Cut has recently purchased a remote controlled DXR 140 from Husqvarna. Director Waru said that the recent purchase of this robot has greatly increased the ability of the business to tackle demolition job with even greater efficiency.

Major projects completed in recent months include work on the safety augmentation project at Keepit Dam in the Tamworth district and the Westfield Kotara extensions. Other contract work has taken Nova-Cut Concrete Sawing, to Moree and Goondiwindi.

At Nova-Cut we do not limit ourselves to any one segment. Nova-Cut Sawing provides its services to a wide range of businesses ranging from owner-builders to leading construction companies, building industry nor to any geographical location. Nova-Cut is prepared to look at any project large or small", Waru said.



#### A CUT ABOVE THE REST

WHEN IT COMES TO PRECISION CONCRETE CUTTING, NOVA-CUT CONCRETE SAWING HAS THE SKILLED OPERATORS AND EQUIPMENT TO DO THE IOB.

Nova-Cut has recently worked worked on the University of Newcastle's New Space project in the city's central business district and the Newcastle Light Rail Interchange

Owner and director of Nova-Cut Concrete Sawing, Waru Whiteman said that he had operators trained in all areas of sawing, drilling, removal and polishing of concrete. We also have the specialized equipment available when needed to do precision circular holes with core sizes from 18mm to 1m.

Based at Edgeworth in Newcastle with nine employees, Nova-Cut Concrete Sawing, delivers concrete cutting and sawing services throughout New South Wales and Central Queensland.







#### NOVA-CUT CONCRETE SAWING PTY LTD

We perform Concrete precision road sawing to depths from 30mm to 700mm including electric road sawing for jobs in confined spaces where petrol or diesel equipment cannot be used. In addition to our wall sawing and core drilling services, we undertake concrete grinding, joint sealing, soft cutting, wire sawing and concrete scanning to locate structural items. With a reliable team of employees we can provide a 24 hour, 7 days a week service.



For further information contact Nova Cut
Concrete Sawing Pty Ltd
7 Aluminium close,
Edgeworth NSW 2285
Phone 02 4958 3798
fax 02 4913 5353
mobile 0412 388 413
email:
info@novacut.com.au
website:
www.novacut.com.au



#### KINGS OF CONCRETE | Pro Concrete Group





#### THE COMPLETE PACKAGE

Pro Concrete Group delivers a complete concrete package, with expertise in concrete supply, pumping and finishing services. Operating throughout south-east Queensland, the company was formed with the merger of leading concrete pump operator Pro Concrete Pumping and one of the largest concrete placement and pumping companies in New South Wales, De Martin & Gasparini, creating one of Australia's strongest and most experienced concrete supply, pump and place companies.

With a non-negotiable focus on safety and quality, Pro Concrete Group ensures their inhouse equipment fleet is expertly maintained. The company's working assets include 25 mobile and stationary concrete pumps, 40 stationary placing booms, laser screeds and a full suite of quality concrete placing equipment.

State Manager, Graziano Barbaro believes that this range of the latest concrete equipment, plus the skill and proficiency of the company's staff, facilitates Pro Concrete Group's ability to specialise in high rise residential and commercial buildings, shopping centres, hospitals, infrastructure projects and warehouses. "The capability of the Group is highlighted by the complete concrete packages the company is currently delivering for Hansen Yuncken at the

University of Sunshine Coast's Petrie Campus and the University of Queensland's Liveris Building."

Pro Concrete Group proudly employs around approximately 40 local people. Their production team is highly qualified and includes experienced project managers, engineers, contract administrators and specialist supervisors. The whole team has a dedication to concrete structures, taking the stress out of concrete construction for their clients.

"We have a professional project management approach to all our assignments and strive to deliver the highest quality standard of work for all our clients. We greatly value our client relationships which range from Australia's leading Tier One builders to smaller developers. The formation of Pro Concrete Group ensures our clients throughout south-east Queensland can deal confidently with a strong, high performance, innovative team, offering the complete concrete supply, pumping and placement service," said Graziano.

For more information contact Pro Concrete Group, phone 07 5593 7860, email info@proconcrete.com.au, website www.proconcrete.com.au

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# GFRP reinforcement for concrete

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0400 814 144

or email: ian@corrosionsolution.com.au

mateenbar.com













#### MASTERS OF THE MEDIUM

When you're passionate about your work, it shines through in your creations, and this is certainly the case for Concrete by Design. Based in Sydney, Concrete by Design are masters in their field specialising in benchtops, wall panels, customised furniture and sculptures as well as polished floors, created from their medium of

With vast technical, material and decorative application knowledge, Concrete by Design are leaving competitors in their wake delivering innovative designs with supreme quality finishes. Working with both normal and high performance ready mix concrete as well as advanced technology mixes such as Glass Fibre Reinforced Concrete (GFRC/GRC/GFC), Concrete by Design create customised solutions for interior/exterior design and landscaping applications. Each piece possessing a sculptural beauty and quality.

GFRC results in a light weight alternative, featuring higher flexural and tensile strengths than normal concrete, making it suitable for numerous applications such as splash backs, vanities and lightweight façades for shopfronts. Unique as well are the concrete benchtops and countertops, each individually crafted to suit customer requirements.

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With experience spanning 30 years, Principal Dallas Mexon's advice and leadership is well respected within the industry. With his educational series for architects and builders focused on continuing professional development and expanding understanding of design outcomes possible in concrete, he is passionate about sharing his skills and knowledge with others in the industry, and is always up for a challenge.

Winners of five international and three local awards, Concrete By Design carry out highly precise work and take on each project with dedication and enthusiasm. Whether it be working on major stadium projects or intricate work at a Penthouse complex, Concrete by Design strive to be the best at what they do.

For more information contact Concrete By Design, Sydney NSW, freecall 1300 364 057, email info@concretebydesign.com.au, website www.concretebydesign.com.au, facebook @concretebydesign