

GA



AGGA

AUSTRALIAN
GLASS & GLAZING
ASSOCIATION

GLASS AUSTRALIA Official publication of the Australian Glass & Glazing Association

October 2018 – ISSUE 93

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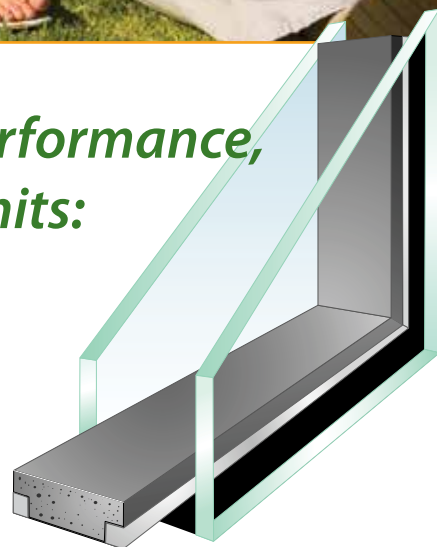
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President's Update

Greg Hunt – President

Firstly, I would like to thank our Events Coordinator, Jane Docherty, and the AGGA team for putting together another fantastic and successful conference at Sanctuary Cove. As President this year, I have been privy to just how much time and effort goes into organising one of these events. From all reports, the attendees enjoyed their time at the conference, and I believe 'Engage: Connect: Experience' was an appropriate theme for the event. I would also like to congratulate all of those nominated for the various awards at both a national and state level. Continue reading further in the magazine for all of the details.

Our Accredited Company Program continues to gain momentum. At the time of printing the June edition, we had 87 companies signed up and we now have 110 – Congratulations David Robertson, well done. I noted in my June report that David set a goal of 100 Accredited Companies by the end of June, which he achieved and has now upped the ante with a goal of 150 Accredited Companies by the end of 2018. We wish him every success.

I would also like to take this opportunity to welcome our long-term financial guru, John Carnovale to his new role as Interim CEO. It took a lot of convincing, but he finally agreed!

The proposed merger of AGGA and the AWA is moving forward, with several key decisions being made at our respective Board meetings held recently:

- The proposed constitution for the merger entity has been agreed upon. If you wish to view a copy, please go to the members' section of the AGGA website.
- Both AGGA and the AWA have agreed to the makeup of the 13-person Board of the merged entity (12 + CEO). To ensure the consistency of involvement, the majority of Board members have been selected from the current AGGA and AWA Boards.

At this stage, both associations are still working towards a 1 January 2019 kick-off.

As we approach the last quarter of 2018, let's hope we see a traditional busy Christmas run-up heading into the remainder of the year.

Glass & Glazing

Industry Events Calendar 2018

OCTOBER 2018

23-26 GLASSTEC
Düsseldorf, Germany

NOVEMBER 2018

14-16 GLASSTEC ASIA
Kuala Lumpur, Malaysia

JANUARY 2019

30-31 GLASSMAN ASIA
Jakarta, Indonesia

MAY 2019

14-15 GLASSMAN
SOUTH AMERICA
Sao Paulo, Brazil

SEPTEMBER 2019

17-18 GLASSMAN EUROPE
Lyon, France

Contributors

Hannah Blackie, Jane Docherty, Patrick Gavaghan, Greg Hunt, Jill Johnson, Tim Roberts.

Photography: Fotogroup, and photos courtesy of Spadaccini Homes, Bent & Curved Glass, Cooling Brothers Glass Company and Summit Homes Industria Display Baldivis.

This month's cover

This month's cover features the luxurious Sorrento residence, the AGGA 2018 National Design Award Winner - Residential Over 20K.

Westec Doors and Windows in WA glazed this multi-award winning light-bathed beachfront dwelling.

More details on page 20.

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AGGA EXECUTIVE BOARD MEMBERS

Elected Board Members

Mr Gerard McCluskey, Landson Glass
Mr Joe Finn, Bent & Curved Glass
Mr Sandro Ianni, LiSEC
Mr Philip Mauviel, Jim's Glass (Australia)

Multi-State Glass Processors

Mr Greg Hunt, G.James Glass & Aluminium (President)
Mr Adrian Grocott, Express Glass

Local Glass Manufacturer

Ms Renee Van Vught, Viridian

State Association Representatives

Mr Peter den Boer, GWAWA
Mr Michael Kruger, AGGA Victoria

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Australian Insulated Glass	Glass Supplies
APQ Glass	Glassworks Aust
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CSI	Jason Windows
Chevron Glass	Lincoln Sentry
Clark Windows Tasmania	LiSEC Aust P/L
Cooling Brothers	Melbourne Safety Glass
Dargavel Windows	Modern Glass
Dreamhaven Glass	National Glass
Edgetech	Oneglass Pty Ltd
Efficient IGU	Overseas Glass
Elegant Glass Supplies	Agencies
Flat Glass Industries	Thermal Insulated Glass
George Fethers	Viridian
G.James Aust P/L	Walshs Glass
	Winsulation Glass

Editor's Notes

Congratulations to Jane and the AGGA team for hosting another fabulous conference at Sanctuary Cove, Queensland in September.

Many attending the event have commented on the camaraderie and spirit at GA18 – the resort-style venue strengthened valuable networking opportunities and the carefully selected speaker program was very well-received.

Congratulations to all our design and individual award winners, to our talented apprentices and safety award finalists – they all feature in this edition.

October is National Safe Work Month, providing another timely reminder to all working across the glass and glazing industry to take extra care. Ensure your individual workplace and worksite is safe, and keep an eye on those working with you. For further information, log onto safeworkmonth.swa.gov.au

Both Chevron in South Australia and Kingborough Glazing in Tasmania have introduced simple but effective safety programs, and we encourage you all to consider similar initiatives.

Special Congratulations to Landson Glass in receiving the AGGA National Safety Award.

I hope you enjoy reading this post conference and awards edition of GA.

Jill Johnson

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Australian Glass Group	03 9730 7400	Sydney Glass	02 9790 2830
Bent & Curved Glass	02 9773 1022	Tremco	02 9638 2755
Bremner Glass Equipment	03 9706 4432	Viridian	1800 810 403
C R Laurence	02 9774 5077	Gimbal Training	1300 446 225
Chevron Glass Pty Ltd	08 8277 7188	Progressive Training	08 9964 9497
Cooling Bros Glass Co.	08 6104 1777	TAFE Queensland Skills Tech	1800 654 447
Dreamhaven Glass & Aluminium	03 9408 3466	TAFESA	08 8207 4940
Eastman Chemicals Australia	03 9249 9520	Upskilled	1300 009 924
Express Glass	1300 666 234	Holmesglen Institute of TAFE	1300 639 888
G.James Glass & Aluminium	07 3877 2333	TAFE NSW	13 7974
George Fethers & Co.	03 9646 5266	GOTAFE	1300 468 233
Guardian	03 8774 0131	AGGA Queensland	07 3489 1900
Intermac Australia	02 9609 5355	AGGA SA	08 8346 6997
Jim's Glass	08 7111 0000	AGGA Victoria	03 9536 3118
Landson Glass Pty Ltd	03 9699 9916	AGGA NSW	03 8669 0177
LiSEC Australia Pty Ltd	02 9485 8900	AGGA Tasmania	03 8669 0177
Lincoln Sentry Group	1300 551 919	Glass & Window Assoc'n WA	admin@gwawa.org.au
Melbourne Safety Glass	03 9579 3844	AGGA National Office are now able to respond to any member queries. Please call 03 8669 0170.	
National Glass	07 3131 3581		

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Photo courtesy of Tweed Coast Glass

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“ Aided by our company's culture of mutual respect, I aim to further strengthen our reputation as a trusted manufacturer and supplier devoted to quality workmanship ”

Taking a Clear View of the Future



> Jamie & Sharon Rice

Jamie Rice, General Manager of G.James Victoria, has spent three decades dedicated to promoting quality, consistency and innovation within industry. Since joining G.James three years ago, these defining values have continued to drive him.

Before beginning his illustrious path in glazing, Jamie majored in Mechanical Engineering at Swinburne Institute of Technology. Entering the workforce as a new graduate at 24, he was interviewed and hired by industry icon Kevin Trotman at T&K Glass in Southeast Melbourne.

At T&K, Jamie ensured full compliance of all glazing applications and jobs, also gaining valuable materials handling experience in the process. He was soon invited to participate in the BD-007 National Standards Committee – the beginning of a lifelong parallel career representing industry across various bodies.

When Pilkington acquired T&K Glass in 1988, Jamie was seconded to the Pilkington Port Melbourne branch. While continuing to advise on compliance issues, he also assisted industry with design and technical matters.

Shortly after Jamie and his wife, Sharon, were married in 1989, he moved to DMS (who had just installed their new toughening plant) to assist with technical support and glazing applications. This was followed by a lengthy sales stint at George Fethers & Co in Port Melbourne, a building materials importer representing a number of glass companies including US glass manufacturer PPG. Jamie's sound technical footing and extensive product knowledge proved invaluable in his role as a problem-solver for this respected supplier to top-end commercial buildings.

Jamie describes his current position as General Manager at G.James Victoria – with his 70-strong team – as 'the dream job'. Yet while relishing the challenges, Jamie equally recognises his responsibilities. 'My key focus is to continue to grow the business as my

predecessor Phil Jones did so well over his 25-year reign. I am extremely aware of my duty in supporting our G.James employees and their families, who are relying on me to make well-considered decisions,' he reflects.

Jamie's impressive range of industry positions include being a representative on the Australian Standards BD-7 Committee since 1994, a member of the BD/21 Windows and Doors Committee, and a recent addition to the BD/75 Skylights Committee. Jamie is also inaugural Chairman of the AGGA Technical Sub-Committee, and represents IGMA Australia on their sister association IGMA North America's Technical Committee.

Jamie's long list of industry advisory roles include being part of the ABCB Energy Efficiency Reference Group, representing Australia on the International Standards Organisation TC 160 Glass in Building Committee, and serving as both IGMA Chair (2010–2017) and AGGA President (2011–2013).

As a highly respected professional, Jamie places great faith in flexibility. 'Our industry has repeatedly demonstrated its ability to find solutions through responsiveness to ongoing building code updates and in recent years, energy regulations,' he says. 'However, inconsistent energy policy makes future planning extremely difficult. Positive change needs to be driven by more stringent energy building regulations, but these are currently inconsistent at a national level.'

Jamie also acknowledges the continued imperative to attract bright young minds to the industry. 'It's difficult finding the right blend of skills, attitude, ambition and passion,' he confirms. 'Although the AGGA has been working hard to attract school leavers, more needs to be done.'

Still in his mid 50s, Jamie has much to do. 'I'm looking forward to identifying and developing new business opportunities within G.James,'

he explains. 'Many skilled and long-term staff members, some of whom have worked here for over 25 years, are now presently building up the skill level of our next generation – new teams with a sound knowledge base are taking on the beacon as others move towards retirement.'

Jamie's management style is conciliatory. 'Many people have much more experience and knowledge than I do, which I respect and draw on,' he says. 'Aided by our company's culture of mutual respect, I aim to further strengthen our reputation as a trusted manufacturer and supplier devoted to quality workmanship. We ensure optimal results by investing in innovation, world class machinery and our people.'

In keeping with his aim to amplify the impact of industry, Jamie fully supports the AWA/AGGA merger. 'Having a combined voice to government will enable us to make a stronger and more compelling argument on issues affecting the glazing industry,' he observes.

Jamie's associates are delighted with the recent AGGA announcement and fully support him being awarded this prestigious accolade. 'Jamie's a colleague, a great friend, and a bloody good bloke,' confirms Greg Hunt, General Manager of G.James Glass Group and current AGGA President.

Family is a source of sustenance for the work-focused Jamie. Jamie and Sharon's daughter Emma is studying business at RMIT with the aim of working in HR; and their son, Michael, is working on his PhD in Biomedical Science at Monash.

Even with long workdays consuming most of his week, Jamie still finds time to make Windsor chairs in his home workshop. To polish his skills, he has also completed two courses in Tennessee with master chair maker Curtis Buchanan. It's the perfect pastime for Jamie, a true aficionado of quality. **GA**



From grandfather to granddaughter:
Charlie Hill, owner of Washington Art Glass, with granddaughter Nicole Slater, who works with him in the business.

Top-of-the-line tempering for innovative digital ceramic glass printing

Washington Art Glass invests in Glaston RC Series

"We're the new kids on the block with our latest offering of digital ceramic printing on glass, bringing affordability to one-off glass pieces that can be tempered into a long-lasting masterpiece. It was all by chance that we met Dip-Tech at Glasstec in Dusseldorf in 2016. After 18 months, we've brought our business idea to fruition," says Charlie Hill, owner of Washington Art Glass in Tyne and Wear, UK. "The key to our success has been an investment in Glaston's RC Series tempering furnace for top-quality, flat glass results."

Recently established as a standalone company in 2017, Washington Art Glass is the UK specialist that offers digital ceramic printing capabilities innovated by the Israeli Dip-Tech firm that pioneered in-glass printing technology.

"We saw a huge potential for this technology that only a handful of companies can offer today in Europe," Charlie says enthusiastically. "Ceramic glass provides totally UV-resilient glass that does not fade in the sunlight. It also costs the same for a unique one-off piece as making 100 screenprinted pieces. If you bring a photo in to me today, I can have it turned around overnight into a high-quality

piece of flat tempered glass."

The final result of this breakthrough technology is a high-resolution, vibrant, durable, color-fast – and toughened – product that is guaranteed for 20 years.

PRINTED GLASS, ALIVE WITH COLOR

"The process for printing with ceramic ink entails crushing colored glass that is printed onto glass. Then it is tempered at up to 700–800 °C so that the glass melts and is absorbed into the glass," he says.

"I've been in the glass business some time with replacement windows for large contracts and have a tempering

line already. But it did not have the technical capabilities to match the level of professional quality needed for ceramic glass printing."

Charlie says that he looked around the market to find the right tempering furnace. He read reports about the furnaces.

"Glaston's furnaces always came out on top. They were the most expensive, but also the best in terms of quality – and that's what we were looking for. We needed to be sure we had the quality to produce the kind of flatness this special glass requires."

STARTING TO KICK OFF NOW

"What's even better, our customers are happy with the quality," Charlie confirms. "For example, Pilkington Glass came out last week with a new mirror product. Normally, mirrors are not toughened on a commercial basis."

"We demonstrated that we could indeed toughen 20 mirrors for them, eliminating any future edge deterioration. We're the first company to be able to toughen these

mirrors. And I feel Pilkington came to us specifically because they knew our Glaston furnace has the quality to do the job."

Charlie has also been asked to send samples of digitally printed shower screens to a large hotel chain in China, as well as glass to Saudi Arabia for use as back-lit crossrail signage that withstands the blistering sun.

SAMPLES AND REFERENCES SELL

Since Washington Art Glass began tempering the specialized glass at the start of June 2018, they've already had numerous new customers inquiring about the possibilities of this technology.

Interior decorators and architects, in particular, have been fascinated with the idea of using glass cladding with colored glass that doesn't fade. Hotels, airports and other architectural projects are ideal uses for the glass.

"You can't sell digital ceramic printed glass, though, online," he admits. "You need to present it, since it's really a touchy-feely type of product."

FLATNESS IS WHAT COUNTS

Charlie continues: "A guy saw a report about us on TV and wanted to make a log-burning fireplace in glass to fit around an alcove. It's amazing what the Glaston machine is capable of doing. The glass covers the entire wall!"

The key to making this printed glass is that



"Glaston's furnaces always came out on top. They were the most expensive, but also the best in terms of quality – and that's what we were looking for. We needed to be sure we had the quality to produce the kind of flatness this special glass requires."

— Charlie Hill, owner of Washington Art Glass, UK

it has to be perfectly flat for freestanding units. With double-glazed glass panes, the glass can be slightly bent. Once the interior and exterior units are combined and glued, the end result meets specifications.

BRAND-NEW BUSINESS, BRAND-NEW PEOPLE, BRAND-NEW PRODUCTS

It took four weeks to install the furnace at the facilities. "Glaston's team was very professional and worked non-stop. Our local Glaston service technician has been excellent with commissioning and training," Charlie says.

Learning to use the Glaston machine was not actually a problem. The challenge came with finding people trained in glass printing in the UK. All of the new operators have been sent for training in Amsterdam and will continue their training at Dip-Tech in Israel later on once they have a bit more experience working with the new technology.

"It's been a big investment for us – so hopefully we'll see a big profit," Charlie smiles. "But we feel it's worth it!"

Glaston RC Series



More about RC Series

www.glaston.net/machine/rc-series/



Interior decorators and architects, in particular, have been fascinated with the idea of using glass cladding with colored glass that doesn't fade. Hotels, airports and other architectural projects are ideal uses for the glass.

GA18

GOLD COAST
29TH - 31ST
AUGUST 2018

A GA18 to

The Gold Coast's Sanctuary Cove formed a stunningly serene backdrop for this year's AGGA conference, which included everything that could be hoped for in a celebration of Australian and global glazing innovations.

Chosen for its class and reputation, the sumptuous InterContinental Hotel made the most of its unrivalled setting within Sanctuary Cove's inimitable surroundings. Those lucky enough to attend the conference were treated to three days of revelry coupled with an insider's perspective on what makes the industry tick ... and where it's headed.

The GA18 Awards Gala Dinner showcased the State Finalists and culminated in announcing the winners of the National Design Awards, the National Safety Award, and the National Apprentice Award. As the night's esteemed (and highly entertaining) MC, Tim Ross of 'Merrick and Rosso' fame, made the most of his enduring passion for architecture and design.

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Remember

Golf Day

In classic tradition, Wednesday featured a Golf Day enjoyed on the beautiful Palms Golf Course (ranked in Australian Golf Digest's Top 50), combining excitement and challenge in a picturesque setting. The GA18 Welcome Reception kicked off that same night on MacArthur Terrace, with guests enjoying local beverages and cuisine.



Day 2 featured a series of enjoyable professional events, including the lunch and exhibition sponsored by AGC Flat Glass Asia Pacific; the G.James-sponsored Exhibition and Networking Drinks; and the GA18 Casual Dinner sponsored by LiSEC and Elegant I.G featuring local craft beers. The first two events were held on Sanctuary Cove's Grand Terrace, with the third taking place at the show-stopping beach lagoon.

GA18 was both an inspiration and a spur to further progress. We look forward to an equally vibrant, exciting and memorable year ahead in 2019.



Golf Day Winners

> L-R: Ted Olberg - Sydney Glass, Pekka Nieminen - Glaston (Golf Day Sponsor), John Remmers - Admil Adhesives, Nick Ogilvie - Tremco, Michael Bates - GCS.

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www.agga.org.au/news-events/agga-national-conference---ga18

Welcome Reception

National Apprentice Award

National Safety Award & Exhibitor

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Speakers

Worldwide industry professionals were treated to insights from an illustrious list of speakers on Thursday and Friday, each with a valuable perspective on the industry's successes and future challenges. The packed roster included Keynote Speaker Philip Halton Deputy Commissioner for Housing and Public Works in the Queensland Palaszczuk State Government.

Attendees were also treated to addresses from Melissa Greenall, Executive Director of the QLD chapter of the Australian Institute of Architects, who drew on her expertise in glazing and architectural trends; and former professional footballer Shane Webcke, who spoke on the importance of safety.

Kurt Fearnley OAM, one of Australia's most respected athletes and multiple Gold Medallist, shared his inspirational experiences; author and coach Dave Clare delved into his invaluable leadership wisdom; and Paul Hendy, TS4 Living founder, presented key insights on technology and sustainability derived from his knowledge of building techniques and industrial design.

Architectural Engineering Leader Kerryn Coker applied her insights into sustainable building design and building physics to speak on innovative facades; while Marketing Development Manager Axel Demberger shared his technical knowledge of advanced materials.

Professor James Laurenceson offered an enlightening take on the industry's economic outlook; Peter Moeller, Executive General Manager of Viridian and an AGGA and AWA Board Member, shared his masterful understanding of Australia's glazing industry; and Perry Just, Portfolio Director of the Sunland Group and veteran of multi-storey projects, provided a construction expert's perspective.



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iplus Advance 1.0	77	0.52	1.35
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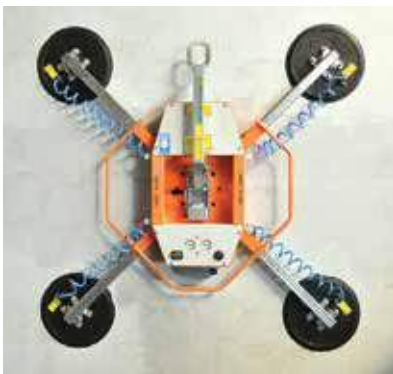
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Own weight: depending on equipment 35 - 45 kg.

Equipped with blow off device, crane arm: manual turning by 360°, in the 45°-grid lockable, manual tilting by 90°.

Oktopus[®] Glass-Jack GL-LN400



Field of application

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Own weight: 45 kg.

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Exhibitors

Throughout the conference, the Trade Floor was once again the epicentre of cutting-edge developments and industry innovations. With innovative glazing systems rapidly advancing in so many ways, the Trade Show hosted an extensive collection of technological marvels.



AGGA 2018 Apprentice of the Year – Reece Evans

Reece Evans has been an employee at the G.James Glass group for the past seven years, and just recently completed his glazing apprenticeship. He is based at the G.James Woodridge glazing division, just south of Brisbane.

Reece is widely recognised for his professionalism and skill within the G.James group, and has earned the respect of his peers and the G.James management team for his sound work ethic and attention to detail.

Problem-solving skills and a strong focus on customer service and satisfaction are also recognised, enabling Reece to be promoted into a field service installation role with minimal supervision.

Reece's skills extend to design, measuring, manufacturing, logistics and installation to residential and commercial projects on behalf of the G.James Glass Group. Reece is recognised as a role model and a worthy ambassador for the glazing industry.

Stuart Hill, Branch Manager at G.James Woodridge, considers Reece to be a standout. 'In my 35 years in the glazing industry, I have employed many apprentices and Reece would be one of the very best –



> Chris Dale - MEGT, Reece Evans - G.James

he's also made a significant contribution to the overall success of our branch. He's a true professional and a pleasure to work with.'

Reece is married to Acacia, and they have two young boys (four and two). As a family, they enjoy the outdoors and camping holidays.

AGGA 2018 National Safety Award Winner – Landson Glass



> Daniel McCluskey - Landson Glass, Peter Moeller - Viridian

Landson Glass were awarded the AGGA 2018 National Safety Award, recognised for their engineering solution for timber endcap and case construction.

Landson Glass harnessed their team's many years of experience and expertise to highlight and solve an important safety issue for all glass wholesalers and processors throughout the industry. They identified a structural

weakness of traditional endcaps and cases, potentially causing the endcap to fail.

To address this hazard, Landson Glass engineered an endcap and certified timber packaging for the safe transport and storage of volume glass.

The Landson Glass solution outlines a structure and details a clear step-by-step process to ensure bulk glass is packaged

and transported safely, providing the glass industry nationally with a fully engineered solution.

This key initiative has significantly heightened workplace safety related to glass handling and transportation, and can be easily and affordably adopted across the industry.

Landson Glass wish to share this intellectual property with the Australia glazing industry and its supply chain.

Please email Landson Glass on glass@landson.com.au and request a copy of the construction details of their Timber Endcap and Case engineered solution.

AGGA congratulate all state finalists for their safety initiatives and award nominations

Walshs Glass – Developing an improved safety measure for working at height control for canopy glazing.

G.James – Engineering a solution for endcap storage.

Chevron Glass – Identification of First Aid personnel.

Kingborough Glazing – PPE solution for their glazing team.

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JDPower GRM 250 Glass Handling Robot to the Rescue



CA



GRM 250

When modern architectural design and luxury apartment block building intersect there will inevitably be challenging glass installation points somewhere along the build. And so it was when Suncoast Enclosures had to install glass panels in a luxury department block in Bondi.

Suncoast Enclosures had 2 very different challenges during this build – both of which were easily handled by Glass Handling equipment designed and manufactured by JDPower Tools.

- 1) The first was to install multiple 1.4 x 0.9 metre, 100kg glass panels as an awning at 4 m above the street using the JDPower CA 400GL
- 2) The second was to install a large 2.6 x 2.6 metre glass panel weighing 250kg into a horizontal steel frame that slid over a roof opening to create a spectacular roof top windows using the JDPower GRM 250.

After investigating several options for both challenges, Suncoast Enclosures settled on JDPower's Glass handling lifters as the solution of choice for both challenges.

For the glass awning challenge, a framework of aluminium beams was ready at 4 meters to accept the glass panels. The ease of use of the CA400GL meant the panes were easily picked up by the 4 vacuum cups from the vertical plane straight off the vehicle – ready to moved into position on the CA 400 and lifted into position. The smooth electric operation of the CA400GL allowed each pane to be lifted through the frame and then lowered and manoeuvred quickly and safely into position.

Courtney James, General Manager of Suncoast Enclosures said "It was so easy, with one operator on the ground operating the machinery and one other team member on top doing final positioning and sealing. We completed the job in less than half the allotted time frame."

James went on to say, "There is a Work Health and Safety assurance here too, the CA 400GL's ease of use allows the operator to safely manoeuvre the glass panes in the vertical or horizontal plane in a 4 directional operation. It alleviated 'Man Muscle' as it can lift 160 kg directly overhead. It's clever, compact design allows for a one-man operation to transport and setup."

The second challenge – the skylight – had different challenges. The skylight was 4 stories up on a flat concrete roof with access only by crane.

For this challenge, James used the JDPower GRM 250. The GRM 250 was craned directly from the trailer in the street onto the roof top. The huge glass panel was then lifted onto the roof in the vertical plane and positioned on the edge of the roof where the GRM 250 was waiting to attach to it. Once the 3 vacuum cups of the GRM 250 were attached to the glass panel, the slings used to attach the panel to the crane hook were removed.

"The GRM's magic now came into play" said James, "and the glass panel was easily swung from the vertical to the horizontal and wheeled by only one person over to the waiting frame 6 metres away. Geared hand winches allowed the pane to be lowered at a safely controlled rate into position. This was

an important requirement as the centre of the frame was not directly over the GRM 250 due to the way it was designed. The glass panel was lowered off-centre onto packers on the frame, the GRM 250 robot then released the glass panel, moved backwards and then easily picked up the panel closer to the edge. From here we simply moved the Glass Robot forward and placed the glass in its final position after removing the packers."

Beautiful, easy and all done under 20 minutes with 4 men and a Robot.

Director of JDPower Tools in Australia, Emma Liou Roberts said "The geared hand winching on the GRM 250 Glass Robot has proven to allow effortless, incremental precision placing of even large glass panes without the jerkiness of other glass handling equipment. The GRM 250 Robot's ability to manoeuvre large glass panels from the vertical to the horizontal, spin panels 360 degrees, swing panels to one side for doorway access and install to a height of 2.1 metres makes it one of the most versatile and valuable pieces of machinery you will use."

For further information on the glass lifting and handling equipment at JDPower Tools, contact JDPower:
Office: (02) 42287708
email: info@jdpowertools.com.au



Castles in the Air

> Text by Tim Roberts, Photography courtesy of Spadaccini Homes

There's luxury, there's opulence ... and then there's the Sorrento Residence. This light-bathed dwelling appears to be suspended on air, thanks to the consistently bold use of glazing. Corey Wilson, General Manager of Westec Doors and Windows, discusses what makes this sumptuous beachfront house an unrivalled luxury escape.

'The scale of our involvement is expressed in the front elevation, which provides much of the building's visual impact,' Corey explains. 'From this angle, the sheer extent of the glazing incorporated into the residence becomes apparent to visitors. Whichever way it's viewed, this forms a memorable entrance. The scale of the glazing in the house is virtually unparalleled, with some of the panels weighing 500kg.'

Installing the glazing for the imposing front elevation created unique challenges. 'To install the glazing onsite, we had to carefully consider the logistics and investigate a means to safely access the area – but this wasn't carried out in the usual way. The residence's substantial overhang prevented us from craning the massive window at the front of the house, which would have been our preferred option.

'Instead, we used a Hiab Lifter on the back of a truck – a crane which projects the whole piece of glazing towards the building instead of lifting it straight up,' says Corey. 'So, we telescopically projected the glazing into position instead of dropping it straight down as we usually would. It was an extremely awkward angle, with absolutely zero room for error.'

The consistent use of quality materials throughout the project is a key to the Sorrento residence's impermeable air of luxury. 'The glazed expanse visible in the photographs features the extensive use of SKY-FRAME and AWS Thermal Heart joinery, with SKY-FRAME being a revered Swiss Sliding door product,' Corey notes. 'The company produces minimalist design sliding doors with extremely thin vertical mullions enhancing their visual impact – hence their motto "a view, not a window".'

The benefits of using SKY-FRAME and AWS Thermal Heart extend to offering high thermal performance, which impacts positively in the seafront environment. 'All frames used in the perimeter are finished in 25-micron clear anodised finish and are thermally broken, a durable and efficient system for harsh conditions,' adds Corey.

→



2018 Design Award
National Winner –
Residential Over \$20K



(The Sorrento Residence – continued)

As SKY-FRAME's West Australian representative, Westec is proud of this commitment to bringing this unrivalled product to the local market. 'SKY-FRAME's reputation as the Rolls Royce of doors is widely known to Australian architects,' Corey asserts. 'Many architects have contacted us about the product after seeing it featured in magazines; in this sense, it's proven to be an architecturally driven product.'

The framing is coupled with premium glazing supplied by European manufacturer Saint-Gobain. 'The double-glazed "triple silver" glass used in the Sorrento Residence is acknowledged as the "bees' knees" of performance glass,' Corey says. 'The product's thermal properties alone are amazing – the insulation properties have proven equally essential in WA for reducing heat gain in the warmer months and retaining heat in the home in the colder months.'

The residence's other glazed highlights include the balustrade, featuring 14.28mm toughened laminated glass. 'Extensive engineering was required for the balustrade extending out from the front of the house, which is just a stone's throw from the ocean,' Corey says. 'All components have

been professionally engineered to meet the challenging design and environmental conditions.'

A range of glazing work was also carried out by Westec Doors and Windows in the house's interior, notably the glazed frameless spiral staircase, the triple laminated glass floor area, and all the internal glass doors. 'With extensive glazing work featured throughout both the interior and the exterior, the residence turned out to be a very involved and challenging project.'

The building's unique shape involved retaining a perfectly uniform radius all the way around its perimeter. 'Consistently maintaining that level of precision was very involved work,' Corey notes. 'All the curved glass for the task was specially ordered and shipped from Glasshape in New Zealand. Representatives from Glasshape came over to work with us to ensure a precise measure; the panels were then made in New Zealand and freighted to us for installation.'

'Our design brief from our client was to use the best available products, hence specifying the right glazing system and sourcing the appropriate hardware throughout required detailed investigation and consultation. We

aligned with engineers at Pretec Consultants throughout the design and building process. 'The N4 wind ratings specified to us by the engineer meant that only the highest-rated products would work, and we believe we were able to meet and exceed this requirement.'

The project's accolades include winning a WA Building Home of the Year \$3M and above Award (2017) as well as being voted Australian Home of the Year by HIA and MBA 2017 by Spadaccini Homes. 'We're very proud of this result, as it is the first time that a builder has achieved this, Corey continues. Clearly, we would like to think our input helped with the builder achieving this amazing award. As one of the major contributors to this project, we have very much appreciated the many accolades and recognition received for our contribution to the building's final form.'

'While the result may look seamless, the design and construction process involved in such a significant project took approximately three years from start to finish,' he says. Yet it only takes one look at the luxurious result to appreciate the stunning results of that mammoth effort. **GA**



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2018 Design Award
National Winner –
Commercial Over \$50K

A Rooftop Crowned with Marvels

> Text by Tim Roberts, Photography courtesy of Bent & Curved Glass

CASE STUDY (GREEN SQUARE COMMUNITY HALL)

A memorable public space has taken shape in the new Green Square Community Hall in Zetland, NSW. Steve Togher, Architectural Products Manager at Bent & Curved Glass, elaborates on the challenges involved in co-creating this building's sinuous outdoor roofline, which opens its undercover exterior to the heavens.

The roofline soars majestically above the paving stones below. Created by seven undulating curved copper-clad barrel vaults, the ambitious roof required six gutters to form a reverse curve sitting neatly between each barrel. The challenge for Bent & Curved Glass was to achieve a 180-degree bend with flat tangent legs extending up to the roof flashing line.

'The glass was manufactured within tight dimensional tolerances to ensure watertightness was maintained while maximising light to the area below,' Steve explains. 'The gutter had to be trafficable for cleaning purposes, and the butt joints needed to remain flush to achieve the required water flow.'

'Glazing plays a dual role in the Green Square Community Hall as a roof light element and a functioning gutter,' Steve says. 'Initially Perspex seemed the easy option, but lifespan and aesthetic limitations led Peter Stutchbury Architecture to investigate glass as the superior product. They approached us with the challenge to create a solution with glass, in what is a unique application.'

It turned out to be an ambitious decision. 'Initially, we weren't sure if we could achieve the extremely tight 180-degree bend while retaining the glazing's dimensional tolerances,' Steve notes. 'From the initial stages, we had to pay close attention to the glazing's interaction with the roof's weatherproofing elements.'

The architect requested trafficable guttering which required increased structural strength. 'Ensuring the glass was capable of comfortably carrying one person was very difficult with this extreme curve,' says Steve. 'Toughened glass is normally used for this type of application, but it can't be shaped into such a tight radius. We needed to use annealed glass instead, requiring extensive consultation with the structural engineer. Fortunately, the extreme nature of the curvature increased the glazing's inherent strength, and with the addition of a structural interlayer the engineering criteria were achieved.'

The two glazing pieces for the gutters were manufactured oversized, then individually hand-cut back to the finished dimensions on each edge around the curve before being precisely matched and completed in the laminating process. 'The gutter needed a minimum 1-in-100 angle fall to allow the water to drain,' Steve says. 'Each piece was hand-cut to a raking profile, accommodating the gutter's fall while keeping the geometry constant between the flashing and roof. The glass depth increases as the gutter moves away from the building to the outer edge. The exposed ends are cut around the curve at a 45 degree angle to mirror the profile of the copper-finished roof barrels.'

→





(Green Square Community Hall – continued)

'There was no certainty we could achieve what the architect wanted when we began, so we used detailed prototypes to ensure aesthetics and functionality were exact,' Steve recalls. 'We worked with the architect from concept to sign-off, a journey requiring approval from stakeholders, council, clients and structural engineers. The techniques we needed to develop to meet this building's unique challenges will assist us in future jobs.'

The extensive hand working of glass carried out by Bent & Curved Glass made the task a labour of love for this passionately dedicated company. 'We have carefully retained hand glass-cutting skills from an era where glazing involved more detailed craftsmanship,' Steve says. 'There are fewer who can do that now, so we're proud to keep the tradition alive in projects such as this.'

The extensive acclaim has added poignancy for Steve and his colleagues, as the company's founder, Neil Finn, sadly passed away this year. 'Neil was always one to take on a challenge, and his work ethic has filtered down to our next generation of glaziers at Bent & Curved Glass,' Steve reflects. 'The job would not have been

possible without the resource of Neil's incredibly broad range of glazing skills handed down, so winning this award was particularly gratifying. Neil's belief in the culture of craftsmanship is being passed down the generations of this family business with five of his seven children in key roles in the company today.'

This assignment placed Bent & Curved Glass right at the intersection between manufacturing and architectural design. 'Architects are often maligned for coming up with amazing design concepts that are hard to translate into real life – but at Bent & Curved Glass, we see their ambition as a *spur* to creativity rather than an obstacle,' Steve notes. 'To fully engage with others' challenging ideas, you have to be willing to use glass in interesting and unexpected ways.'

It's a rare company that manages to combine these diverse areas with such clear-eyed confidence. As Steve concludes, the opportunity to work on resolving complex problems as part of a very close-knit team results in a unique experience on every project.' Contributing to this unique and exquisitely detailed building is an ideal way to honour the founder's illustrious memory. **GA**

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A Sense of History

> Text by Tim Roberts, Photography courtesy of Cooling Brothers Glass Company

The Perth College Underpass project has proved a rewarding endeavour for Commercial Account Manager Nathan Vartesi and his colleagues at Cooling Brothers Glass Company.

Open to students since May, the underpass now serves one of Perth's most historic and architecturally significant schools. 'The school supplied the impetus for the underpass renovation, which they wanted to architecturally upgrade as it had become increasingly dilapidated and graffitied,' Nathan begins. 'As well as fully landscaping the surroundings to spruce up the area's overall appearance, the architects sought to introduce extensive natural light into the stairwell while providing students with protection from the elements.'

Cooling Brothers eagerly responded to the architect's request for a submission containing minimum steel and maximum glazing. 'We worked closely with our engineers to devise the optimum glazing solution allowing for the glazed panels to span substantial distances with minimal steel supports. This permitted maximum natural light to flood into the area,' Nathan notes. 'As the photos make clear, glazing is by far the dominant visual element of this new underpass, with the steel structure around it playing a supporting role.'

The underpass's aesthetics were expertly handled by Cooling Brothers, who have been responsible for the supply and installation of many visually brilliant projects Australia-wide. 'We printed a 20mm black band on the glass to conceal the overhang,' Nathan remembers. 'The ceramic frit to the border had to align perfectly with the steel framing once the glass was installed, to cover each part of the steel without overhanging it.'

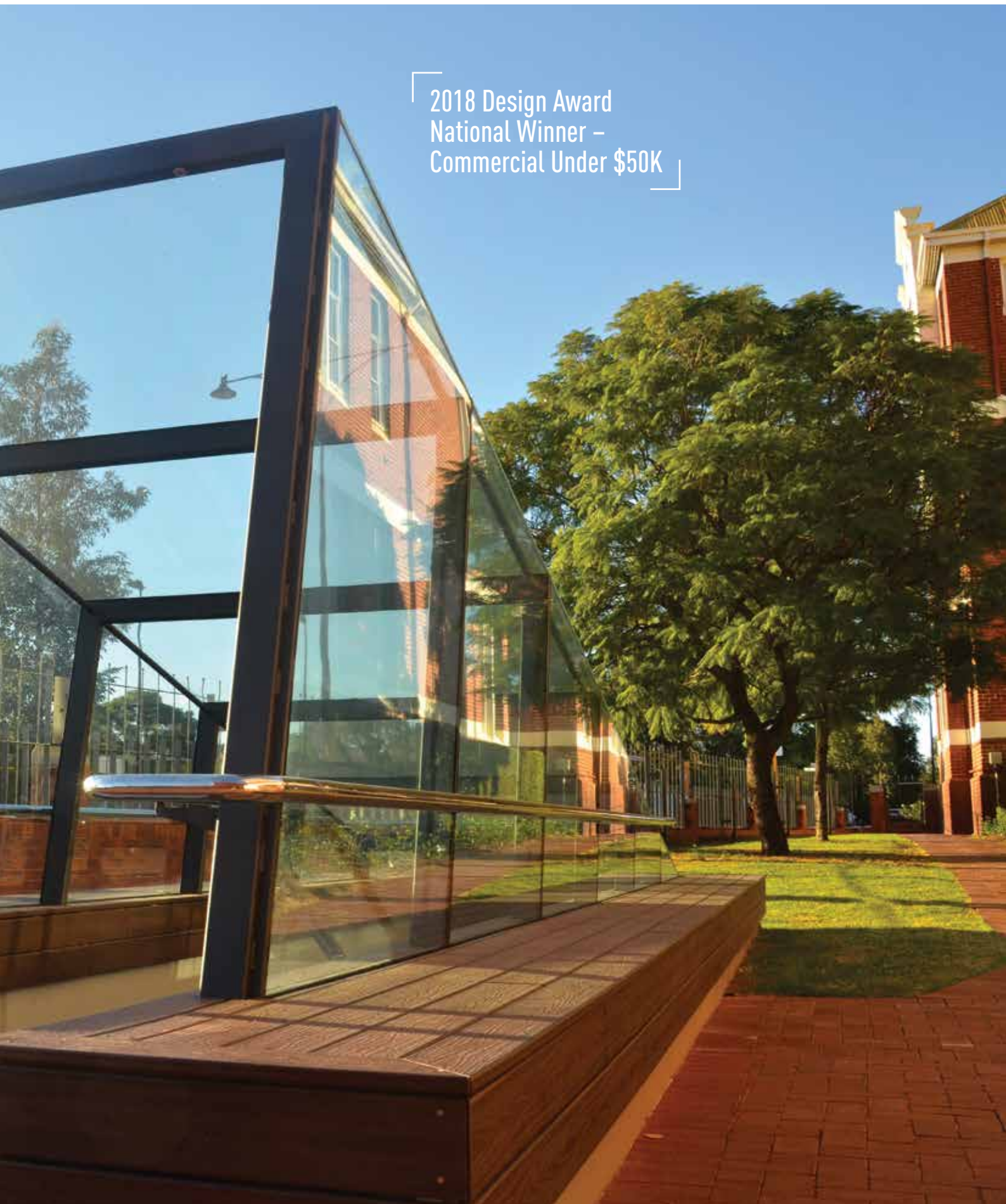
'To prevent this black band from sticking out on the underside of the glass, we had to make very precise measurements using our ImagInk® ceramic printing technology,' Nathan continues. 'This task was complicated further by each of the panels being uniquely shaped. Many pieces had out-of-square corners, further adding to the complexity of our task.'

The project's success hinged on effective collaboration, with every step coordinated in detail with the steel fabricators onsite. 'We were heavily involved with the architect and the structural engineer from early in the design stage of the underpass,' notes Nathan. 'To achieve a high-performance glazing solution that would allow for oversized spans between the structure's steel framing,

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2018 Design Award
National Winner –
Commercial Under \$50K





(Perth College Underpass – continued)

we consulted with the engineer on every detail regarding the loads placed on each area of the glazing.'

The decision of Cooling Brothers to use an extremely strong and durable 17.52mm SGP structural interlayer for the panels of the underpass was pivotal in allowing the quantity of steel to be significantly reduced to meet the architect's design brief. 'This choice of interlayer substantially increased the strength of the glazing, allowing for a span of far greater distance between each of the steel sections than would have otherwise been possible.'

The project involved several other deceptively complex logistical challenges. 'As we had a crane onsite, we had to be extremely sensitive to the school's requirements,' Nathan confirms. 'All work was done during school term time, so we had to submit extremely detailed safety documentation noting our safety protocols, including all exclusion zones as well as the crane and panel positioning.'

Drainage was another issue solved jointly by Cooling Brothers, the design and engineering team. 'Having steel joints protruding between two pieces of glass caused a water trap, which needed to be eliminated,' Nathan explains. 'We took two steps to fix this problem – firstly, adding 20mm steel notches to the steel to improve runoff; and secondly, angling the silicon sealant to push the volume of water aside more quickly.'

Preventing construction of the underpass from disrupting the students' access was a challenging task on its own terms. 'To ensure the construction schedule was on track, the glass had to be manufactured before the steel was onsite and ready to measure,' says Nathan. 'Doing this enabled us to shorten the schedule quite dramatically.'

Now an integral part of Perth College, the underpass fits in beautifully with its burnished antique surroundings. 'We are extremely proud of the outcome, resulting in a clean, geometrical appearance,

unobtrusively complementing the school's history and tradition,' Nathan observes. 'The underpass's gentle angles work especially well when viewed in context with this historic area.'

The aesthetics of the project bear the fruit of Cooling Brothers' extensive planning. Although the underpass must withstand existing weather conditions for decades without incident, this durability has been achieved with an enviable lightness of touch. The delicate shadows cast by the underpass onto the school's adjacent brick wall further integrates the new structure with the old.

'Credit must go to everyone involved – including the builder, Western Projects; the engineer, Atelier JV; the architects, Coniglio Ainsworth Architects; and without a doubt our skilled production and installation teams', Nathan concludes. This tasteful enhancement to Perth's heritage is indeed a collaboration worthy of celebration. **GA**



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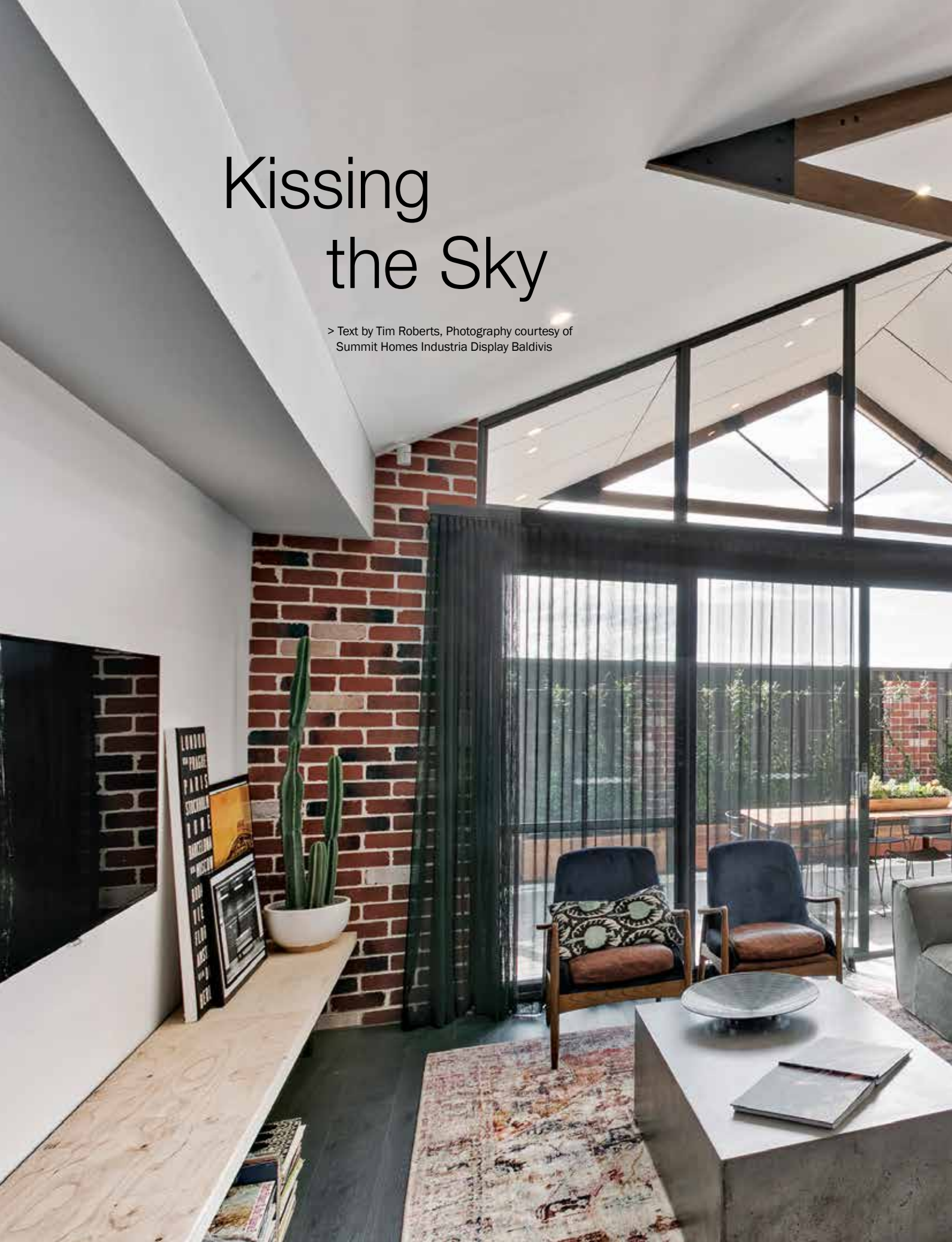
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> Text by Tim Roberts, Photography courtesy of
Summit Homes Industria Display Baldivis



2018 Design Award
National Winner –
Residential Under \$20K

The award-winning Summit Homes 'Industria' Display Baldivis, features a contemporary update of the typical classic domestic layout. Mark Regan, Sales Manager at Jason Windows, delves into the many challenges of working on this rewarding slice of modern living, seamlessly incorporating an industrial aesthetic within the comforting surrounds of a family home.

Glancing at its silhouette, you might think the 'Industria' looks quite like a traditional brick family home. Look a little closer, however, and you'll immediately see the pivotal role of glazing in visually opening up what could have been a conventional interior out onto the elements quite spectacularly. The strikingly ambitious Jason Windows system commands the front view of the house, drawing attention to an interior with a uniquely light touch.

While the house has notable features throughout, the Jason Windows system lifts the front and rear elevations into something quite special. Their work on the project included raking fixed lites directly above awnings in the Master Bedroom at the front of the house, coupled with Benchmark fixed rakes above a stacking sliding door in the living room. The remainder of the house features residential sliding and awning windows, as well as sliding doors – all expertly manufactured and installed by Jason Windows.

The selection of glazing and window systems, fill the home's interior with daylight via the large spans of glass and minimal framing sections. While the house is structurally innovative in many ways, the window sections harmonise closely with the residents' needs for peace, calm – and above all, natural ventilation. In one notable example, the massive windows throw an impressive amount of light onto the capacious master bedroom's exposed brick walls and raked ceiling.

'Our brief with the Baldivis Display House was to ensure the maximum light transmission was achieved throughout the interior layout, as well as presenting a beautifully fluid conduit between interior and exterior, including in the alfresco patio area,' says Mark. 'We achieved this brief

→



('Industria' Display Baldivis – continued)

through using large spans of glass, with a minimal frame section to prevent light from being obstructed. All the glazing used in the house is 4mm and 5mm clear annealed and toughened glass.'

The new Summit Homes project has been met with high acclaim, especially given the airy and breezy effect achieved on such a limited budget. This ability to economically employ all available resources to remarkable effect is one of the many hallmarks for which Jason Windows is highly respected.

As is clear from the photography, Jason Windows' systems receive their perfect visual setting here. The raked triangular ceilings contrast with the horizontal planes of the kitchen/dining area, with its low, lithe appearance bathed in light from the bank of adjacent windows.

Energy efficiency is one of the key features in the Industria Baldivis display home. The exceptional energy rating would not have been possible without Jason Windows commitment to energy-smart glazing. Yet even while reducing energy consumption, the window system maximises living experiences and overall internal comfort. 'This project demonstrates that through innovative design, light ingress to small lots housing is still possible by using cost-effective window and door solutions,' the judges enthused. When careful planning is employed in commissioning the right glazing materials, smaller-scale builds can command the design advantages more commonly associated with major custom-designed architectural projects.

The aesthetic contribution of the glazing in the 'Industria' to the home's uplifting effect was deemed worthy of additional recognition, with the

judges reserving special praise for the 'contrast of expansive awning windows against the exposed face brick'. These combined features complement the house's minimalist aesthetic, with the sleek, slender characteristics of Jason Windows' door and window furniture adding considerably to the interior's generously relaxing and therapeutic feel.

The attention that has been given to the windows is deserved, as they completely transform the space without detracting from the architect's intentions. The windows echo the wall-plus-roofline's pentagonal form, with a common thread of exposed roof trusses throughout providing a further echo. The surrounding walls of the lounge seem to soar, as a strong visual connection is made by the glazing between interior and the sky above. The recurrent raked form flows through to the Master Bedroom, where irregularly shaped windows serve as a reminder of the window systems' visual innovation.

The Industria's angular visual motif continues right through to the secluded patio, which is again framed by the clean lines of the Jason Windows system. Their light, angular precision perfectly sets off the curvature of the porch area, its swooping form hugging the neighbouring shoreline. The effect is completed by extensive 1950s-style detailing, complete with a porthole-style window.

Jason Windows' systems have been incorporated seamlessly into this cleverly designed home, resulting in an uplifting fusion of functional practicality and clear vision. **GA**

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■ WA State Award Winners

WA Awards

AGGA WA 2018 Glass Person of the Year – Peter Bland

Peter Bland commenced his career in the glass industry as a sales Clerk at Pilkington, Myaree in the late 1980s. His ability and strong work ethic secured him a promotion to Sales Representative, then State Sales Manager of Viridian WA. His knowledge and experience in the application of glass were widely recognised and sought-after in the architectural, technical and design areas.

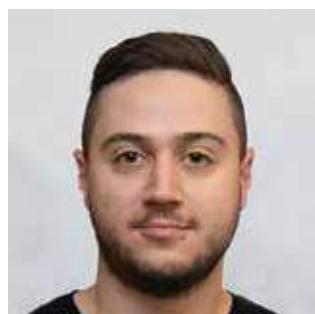
With over 20 years' experience in the flat glass industry, a new challenge called. Peter joined the Glasshape WA team, specialising in the manufacture and supply of curved and cyclonic glass applications.

Peter eventually decided to venture out to form his own company, and launched



> Peter Bland - Advantage Glass

Advantage Glass in Malaga, a glass processor and manufacturer of IGUs and supplier of specialty glazing systems.



> Damon Duran - Dial A Glass

AGGA WA Apprentice of the Year – Damon Duran

Throughout his studies, GWAWA 2018 Apprentice of the Year Damon Duran demonstrated a great work ethic, skill and commitment, taking on every task with great enthusiasm and professionalism.

His employer (Dial A Glass) referenced him as a model employee and a true standout apprentice.

At TAFE and within his workplace, Damon has demonstrated a positive outlook on everything. He studied diligently throughout his course, and remained extremely focused. Damon's communication skills also rated highly in his workplace, and he is admired for being respectful, articulate, and carefully considerate of every task.

Damon was also earmarked as an individual destined to be a future industry leader.

AGGA WA Winner 2018 Safety Award – Walshs Glass

Walshs Glass is widely recognised for their long-term commitment to safety in the workplace, and were officially awarded for their efforts with the 2018 GWAWA Safety Award.

In assessing all potential risks, Walshs Glass enforce strict safety protocols both within their factory and on every job site, going to great lengths to clearly detail and demonstrate these strict safe work guidelines when preparing tender documents.

Each task and protocol is noted, including the need for lifting equipment, inclusion of compliance certificates, harnesses if necessary, etc. – all calling for considerable time and attention to detail. In addition to demonstrating their commitment to a safer workplace, Walshs' initiative has also proven to be to their commercial advantage, separating them from the local competition and winning them projects.

QLD Awards

AGGA Queensland 2018 Glass Person of the Year – Ian Simeon

Ian has been involved in the Australian glass industry since leaving school, commencing his glazing apprenticeship in the mid-1970s.

Born in Western Australia, Ian eventually made his way to the Sunshine State and has been an active member, supporting the local Queensland glazing industry for over 45 years.

Over his many years in the glass and glazing industry, Ian has worked in a variety of roles including sales management, representing national organisations estimating shopfronts and commercial fit-outs, and managing national glazing teams.

Ian has managed his own successful glass businesses. Including glass replacement services. In recent years, he has also developed and launched Glass Software Planner to the industry, assisting glaziers and glass processors to maximise their operating efficiencies.



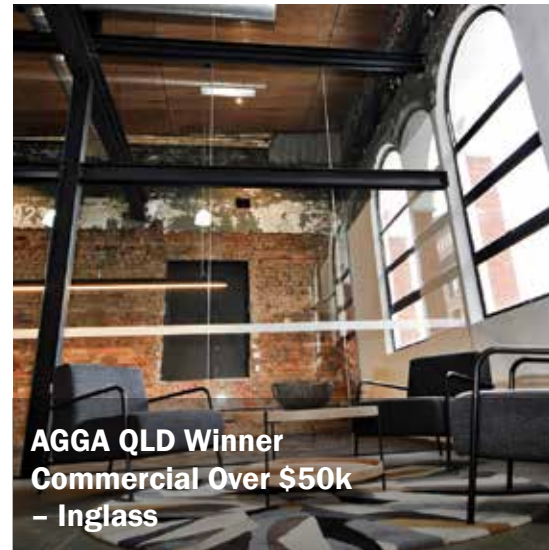
> Ian Simeon - Unity Glass

Ian represented the AGGA as the Queensland State Mentor for Apprentices in 2014–2015, influencing many young apprentices to excel in their studies.

He has been an active committee member of the GAAQ, including time as President and Vice President, and was of the very first Members nationally to achieve the role of Master Glazier.



AGGA QLD Winner
Residential Over \$20K –
– JH Glass



AGGA QLD Winner
Commercial Over \$50k
– Inglass



> Reece Evans - G.James

AGGA Queensland 2018 Apprentice of the Year Winner – Reece Evans

Reece Evans has been an employee at the G.James Glass group for the past seven years, based at the G.James Woodridge glazing division just South of Brisbane.

Reece is widely recognised for his professionalism and skill, and has earned the respect of his peers and the G.James management team for his sound work ethic and attention to detail.

His problem-solving skills and a strong focus on customer service are also recognised, enabling Reece to be promoted into a field service installation role.

Reece's abilities extend to design, measuring, manufacturing, logistics and installation to both residential and commercial projects on behalf of the G.James Glass Group. Reece is recognised as a role model and a worthy ambassador for the glazing industry.



AGGA QLD Winner
Commercial Under \$50K
– Inglass

AGGA Queensland 2018 – Safety Award Winner – G.James

G.James Glass QLD received the AGGA Queensland State Safety Award for their development of an engineered barrier system to improve safe glass storage, as well as the development of various-sized endcaps to secure large sheets of glass.


In addition to providing greater stability of stored glass, the engineered endcaps also allowed for a safer, more controlled access to stored glass for personnel via separated walkways.

A task-specific technical work instruction procedures manual was also developed, titled 'Move and Store Endcaps and Cases'. In recognising potential risk in the workplace, G.James management were instrumental in introducing this initiative, calling for competency, monitoring and practical assessment of all participants.


TAS Awards



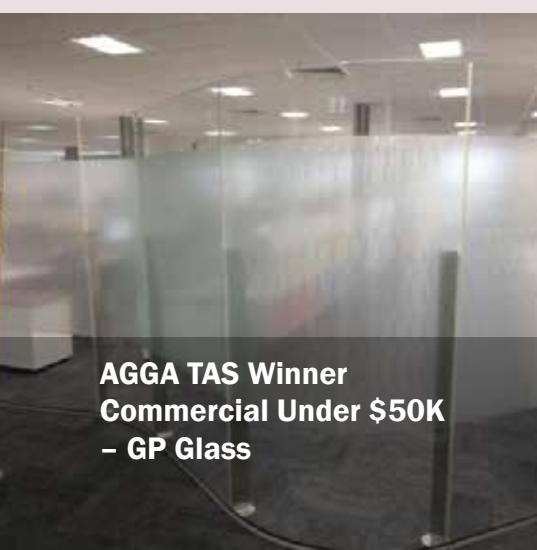
**AGGA TAS Winner
Residential Over \$20K
– Kingborough Glazing**



**AGGA TAS Winner
Residential Under \$20K
– GP Glass**



**AGGA TAS Winner
Commercial Over \$50K
– Vos Construction**



**AGGA TAS Winner
Commercial Under \$50K
– GP Glass**

AGGA Tasmania 2018 Glass

Person of the Year – Rob Betts

AGGA Tasmania Glass Person of the Year, Rod Betts, General Manager at Commercial Windows & Doors was a builder for most of his early career, only moving into glazing following the acquisition of a small joinery business. It accelerated from there, initially manufacturing window and doors for their own construction business, until eventually branching out as a standalone business. Commercial Windows and Doors now manufacture and install state-of-the-art glazing systems across Tasmania and have been the recipient of a number of project awards over many years.

Rod has served as AGGA Tasmania Secretary and Treasurer for over seven years and has made a significant contribution to the Association over that time. Rod was a keen



> Rob Betts – Commercial Windows & Doors

supporter during the development of the Accredited Company Program, and has recently been appointed to the Board of the MBA Tasmania.

AGGA Tasmania Apprentice of the Year

– Blair Hattinger

AGGA Tas 2018 Apprentice of the Year Blair Hattinger from Glass Supplies in Hobart demonstrated great leadership qualities throughout his formal training.

Blair was an excellent student and recorded as performing well above average ability in all areas. His level of skill and productivity increased with each job he undertook, a reflection of his effort and willingness to learn.

Blair maintained a professional, friendly, enthusiastic and cooperative attitude with staff, students and co-workers, and is a respected and valuable team player at Glass Supplies.

Blair's exceptional communication skills when dealing with homeowners and builders were also noted, as was his ability to think out of the square and solve problems and issues onsite.



> Blair Hattinger -
Glass Supplies Hobart

AGGA Tasmania Winner 2018 Safety Award – Kingborough Glazing

Kingborough Glazing was the recipient of the AGGA Tasmania State 2018 Safety Award for its innovative approach to safety in introducing new Safety Site Packs.

Kingborough introduced new, sturdy hi-vis Personal Protection Equipment bags for every staff member, including every piece of PPE required onsite and in the factory. A purpose-built cabinet was installed to house the bags.

The PPE bags are stocked with earmuffs, buds, gauntlets, glazing gloves, disposable gloves and dust masks, safety glasses, sanitiser, saline solution, sunscreen and hat, and a small amount of First Aid supplies to supplement kits in the company vehicles. Every staff member is required to have the PPE bag with them on every job.

VIC Awards



> Tracey Gofton - King Borough Glazing

AGGA Tasmania Women in Glass Award – Tracey Gofton

Tracey Gofton has had a lifetime of experience in the glass and glazing industry, starting in the business from an early age supporting her father Brian in his glass business, Brian Law Glazing. Tracey and husband John have run their own successful glass business, Kingborough Glazing, for the past 26 years.

Tracey is recognized widely for her knowledge and passion for the industry, especially for workplace safety. She has personally driven the introduction of many occupational health and safety initiatives at Kingborough Glazing, and is continually looking to make improvements in this area.

Tracey is a very deserving winner of this year's Women in Glass Award.



AGGA Victoria 2018 Apprentice of the Year Winner – Brett Carter

Brett Carter has been a long-term employee of Stegbar, joining the company nearly 19 years ago.

During this time he has worked in a number of areas, broadened his level of skill to include manufacturing, purchasing, and installation.

Demonstrating a strong work ethic, Brett was encouraged to commence his apprenticeship as a glazier, successfully completing the course ahead of schedule due to his hard work and commitment.

Within the Stegbar group, Brett is recognised as an integral part of their commercial installation team. He constantly performs well above the expectations of management. Brett demonstrates enthusiasm, a positive attitude, and a consistent willingness to learn and succeed.



AGGA VIC Winner Residential Under \$20K – The Splashback Factory



AGGA VIC Winner Commercial Over \$50k – Melbourne Safety Glass



AGGA VIC Winner Commercial Under \$50K – Melbourne Safety Glass

AGGA Victoria 2018 – Safety Award Winner – Landson Glass

NATIONAL WINNER

Landson Glass were awarded the AGGA Vic 2018 State Safety Award for their engineered for endcap construction solution.

Landson Glass identified a structural weakness in traditional endcaps and cases, potential causing the endcap to fail. Their engineered endcap, together with their certified timber packaging, has contributed to safer transport and storage of bulk glass.

The Landson Glass solution outlines a structure and details a clear step-by-step process to ensure bulk glass is packaged and transported safely, providing the industry with a fully engineered solution.

This key initiative has significantly heightened workplace safety related to glass handling and transportation, and can be easily and very affordably adopted across the industry.

SA Awards

AGGA SA 2018 Glass Person of the Year – Marc Kovacic

Marc Kovacic from Construction Glazing has been at the forefront of the SA glazing industry for over 25 years. He has achieved national recognition for his genius and numerous industry firsts, including his work on the spider web design, secondary glazed system in the late 1990s on the EDS building on North Terrace, Adelaide, design of the infamous Amazon Water Lily project with glass struts and beams, and more recently the Rubik's Cube at the D'Arenberg winery. Many of these award-winning structures may not have become a reality without Marc's vast experience and knowledge.

Marc has become an industry stalwart and someone who Architects and Engineers look to for advice and ideas. Marc has also worked to improve the overall level of skill within our



> Marc Kovacic - Construction Glazing

glazing industry, strongly influencing the direction of the Master Glazier Program, and has been an active member of the committee driving the Accredited Company Program.



**AGGA SA Winner
Residential Over \$20K
– Federation Glass**



**AGGA SA Winner
Residential Under \$20K
– Mt Barker Glass**



**AGGA SA Winner
Commercial Over \$50K
– Construction Glazing**



**AGGA SA Winner
Commercial Under \$50K
– Barossa Glass**



> Jayden Trezise - Robertson Glazing

AGGA SA Apprentice of the Year – Jayden Trezise

Jayden Trezise recently completed his apprenticeship at Robertson Glazing in Adelaide SA, where he is recognised as a great team player, a fast learner and a highly respected employee.

Working with minimal supervision, Jayden is a fast learner, regularly managing production shifts and has developed a sound knowledge of machinery operation and servicing.

Jayden is described as extremely enthusiastic – whatever requests are made of him, be it menial or the most challenging, he grabs every opportunity provided.

TAFE SA noted that Jayden showed a natural skill for glazing on commencing his studies, and this combined with his strong work ethic and insatiable appetite to learn more secured his 2018 state award.

AGGA SA Winner 2018 Safety Award – Chevron Glass

Chevron Glass were the recipient of the AGGA SA Safety award for Making First Aiders more recognisable in their workplace. Being aware of the increased risks in their work place, the Chevron WH&S Safety Officer and Safety Committee, introduced orange Hi-Vis vests for all First Aiders in the factory and office as opposed to all other workers wearing yellow Hi-Vis.

Speedy attention is often required for any workplace incident and making First Aiders more easily recognisable and distinguished from across a factory floor is important, more especially for workers that are new to the industry and workplace.

This award winning safety initiative was introduced at no additional cost to the business.

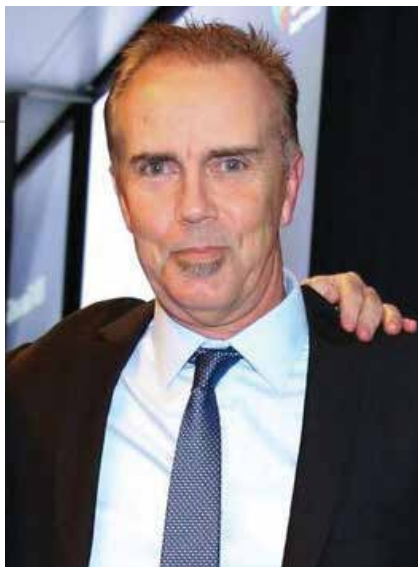
NSW Awards

AGGA NSW 2018 Glass Person of the Year – [Mark Nicholls](#)

Mark initially commenced his career as a sewing machine mechanic, but changed over to a glazing apprenticeship when joining the team at Western Suburbs Glass in Sydney.

Mark accepted a teaching role at Lidcombe TAFE in 1990 while completing a diploma of teaching at UTS and was appointed to the role of Senior Head Teacher of Glass and Glazing in 2006.

His many achievements at TAFE include, helping design the Lidcombe facilities, which are recognised nationally as the best glazier training facilities Australia-wide. Mark contributed to the modernisation of Cert III in Glass and Glazing in both content and delivery. And Mark is also recognised for stewarding the Glass and Glazing department at Liscombe TAFE through an extremely challenging time in recent years.



> Mark Nicholls - Liscombe TAFE NSW

Mark has always maintained an extremely high level of professionalism but it's also his strong personal interest in ensuring each of his apprentices succeed that is applauded. Mark's efforts have been widely recognised as going well above and beyond.



AGGA NSW Winner Residential Over \$20K – Palmers Glass



AGGA NSW Winner Commercial Over \$50K – Bent & Curved Glass



AGGA NSW Winner Commercial Under \$50K – Wellfix



> Jye Starr - Complete Glass

AGGA NSW Apprentice of the Year – [Jye Starr](#)

Jye Starr's extended family working in the glazing industry undoubtedly influenced his decision 4 years ago to commence his glazing apprenticeship with Complete Glass, in Pennant Hills.

During his 3 years at TAFE, Jye excelled at every task and assessment and showed exceptional leadership qualities amongst his peers. He was successful not only as the best student overall, but also best practical student.

Jye has continued with his professional development in the glass industry since completing his TAFE course and has now taken on a senior role as a leading hand within the Complete Glass business.

Safety Sub-Committee Update

> Joe Finn – Chair

At the recent conference we once again recognised the efforts of companies in our industry striving to improve safety for all. This award recognises excellence in developing and implementing a solution to an identified health and safety issue. This year's award was sponsored by the Queensland Government Office of Industrial Relations, Workplace Health & Safety.

A number of entries were received from the states including: G. James for an engineered solution for endcap storage; Chevron Glass for identification of first aid personnel; Kingborough Glazing for a PPE solution; and Walshs Glass for working at height control for canopy glazing.

The winner of the national safety award was Landson Glass for an engineering solution for end cap construction. Endcaps are widely used across the Glass & Glazing industry and vary in quality depending on origin. Substandard end cap timber casings present challenging storage, handling and retrieval risks to workers.

Benefits are achieved from standardisation of a range of timber cases/endcaps in terms of engineered design and quality which goes hand-in-hand with improved work processes that relate to storage and handling of varying size glass by workers on a daily basis. It was noted that analysis resulted in

a recommendation that each endcap only be used once. It is envisaged that there is potential for this initiative to be easily adopted across industry

October is National Safe Work Month in Australia and is a time to commit to building safe and healthy workplaces for all Australians. The theme this year is 'A moment is all it takes'

So check out the Safe Work Australia site or look out for events in your state by searching your WHS authority's website.



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BCG are forward thinking, we search out and embrace new equipment, methods, technologies and glass types. At the same time we respect and value the traditional craft glass skills embedded in the fabric of our company. Hand working and processing skills passed down from the previous generation are representative of a family tradition which enriches the companies endeavours. We believe this is a defining quality of BCG and translates to the most exciting and successful outcomes for our customers.



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- Drilling and /or countersinking perpendicular to the surface of the sheet
- Writing and drawing on the top side of the sheet

Pratica Plus is available in a variety of bed sizes to accommodate every sized glass processing facility;

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2. 4500	6. 13500
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4. 9000	8. 18000 metres

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Ian Bremner - M 0438 373 626

Ian Bremner - Celebrating Over 50 Years in the Glass Industry

Celebrating a career milestone, industry icon Ian Bremner is celebrating over 50 years of working in the Australian glass industry. In 1965 at 17 years of age and straight from school he joined his Grandfather William (Bill) at W.Bremner & Sons in Caulfield, initially working in a general administration role. The job regularly called for him to be seconded to the beveling shop, wrapping a hessian bag around himself (PPE) and assisting the team in processing large beveled mirrors. First on the rougher wheel, then onto a willow wheel and finally a flock wheel with cerium oxide. Worlds apart from the leading international glass processing machinery companies Ian represents today.

For a brief stint Ian partnered with a football teammate, starting their own sports and toys business before being offered a playing and coaching footy role in Tasmania. Over the three-year period in Tasmania he worked with Lansdell Glass in Hobart.

On returning to Melbourne in 1980 the family glass business had been sold, but one of his uncles (Alan Bremner) had set up a small steel fabrication shop BGE (Bremner Glass Equipment)

Over the following 14 years, Ian chose to further his knowledge in the glass industry, working with several major glass companies in various roles, including estimating.

In 1994 Ian joined BGE, excited with the prospects and opportunities in the business, especially given the progress in automation and sophistication of glass processing machinery. Ian's new machinery importing role complimented the BGE range of products manufactured locally such as truck bodies, lifting equipment and tilting air benches.

"After a career spanning some 53 years, (all but two in the glass industry) the knowledge and experience gained has proven to be invaluable, with so many lifelong friendships cemented," said Ian.

"It's been a journey, from the very early days with my Grandfather to the years working with such a dynamic group of glass companies. The past 24 years representing companies such as Bottero, Triulzi, Zafferani, Rbb, Hoaf and observing their advancement in technology has been astonishing.

"Today every customer we supply has a thirst for highly advanced glass processing machinery, to improve efficiencies and to gain a competitive edge - we're in an ever- changing market place. I share my experience and knowledge daily with my customers, building smarter more profitable glass businesses."

Ian can be contacted on 0438 373 626.

Industry Funding and Subsidy Overview

Below is a list of financial benefits/incentives that an employer may be eligible for. Incentives for glazing apprentices are paid throughout the apprenticeships program for new or existing staff. Other funding options are normally paid on a as need basis and requires an application process.

All States

- \$4,000 to \$8,000 Federal incentive. \$4,000 if the apprentice is under the age of 25 and \$8,000 if they are over the age of 25
- Trade Support Loans provide up to \$20,000 to apprentices in glazing to assist them with the costs of living and learning while undertaking an apprenticeship. (Eligibility applies).

WA

- \$8,000 from CTF (Construction Training Fund) <https://ctf.wa.gov.au/>
- Payroll tax exemption if they are in that bracket. State based incentive.

NSW

- No annual student employer fees. State based incentive.

QLD

- Subsidised Recognition of prior learning programs. State incentive
- Subsidised Job Seeker program upto 6 months wage subsidies.

VIC

- Free Certificate II Glass and Glazing training from January 2019 (Subject to State election).

Note

Funding and subsidies change on a regular basis so contact AGGA before you commit to taking on a new employee, upgrading qualifications or going through Recognition of Prior Learning.

Please contact Patrick Gavaghan at the AGGA for further details and how to lodge your application. Funding and subsidies may also change, so contact Patrick for up-to-date information on 0401 4555 656 or via email patrick@agga.asn.au

IGMA Update

> Brad Draper – Chair

The IGMA AGM was held recently at GA18 with a motion passed approving changes to the existing IGMA membership structure and rules.

The IGMA committee called for a commitment from all members to undertake long-term type testing as defined in AS4666. This is a vital step needed to achieve full certification.

IGMA has allocated funds for AS4666 training and support for Members to achieve successful long-term type testing, every two years. A significant step forward for our members as it provides credibility, enabling us to continue with our promotional program, planned to promote our members and drive more IGU sales.

Our Committee will meet in October to develop a strategic plan to include the following:

- Membership support to achieve long term type testing
- To implement the required changes to our membership rules based on the moved motion
- Establishing a register of members long term type testing
- Redefine marketing program to promote our members' IGU's.

Once this has been achieved we will distribute the plan to our members.

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Congratulations – you've made a great decision for the success of your business and provided a valuable opportunity for a local jobseeker. Providing formal training is not only a great way to get the expertise your business needs – it can also improve staff motivation and satisfaction by showing your employees you're willing to invest in their future.

Now you just need to find the right person for the job. After all, you'll potentially be investing in four years of employment and training – both on-and off-the-job – so it's important to choose an apprentice who's not only passionate about the industry but who will also fit in well with the rest of your team.

That's where your local apprenticeship experts at MEGT come in

We get it ... no one really looks forward to recruiting. It takes time to deal with

paperwork and admin – time that could be better spent on the job. That's where MEGT's Career Hub comes in. Free to register, Career Hub lets you post unlimited job ads and receive applications straight to your Career Hub employer dashboard. You'll also gain access to all the tools and assistance you need to attract and hire the right candidates, including our Employer Toolkit and our Career Hub Team.

As Career Hub is a dedicated apprenticeship and traineeship job board, you'll only get applications from candidates committed to learning your business your way as an apprentice while they work towards a Nationally Accredited Qualification.

The comprehensive Employer Toolkit contains tips and guidance to help you write an effective and appealing job ad and position description to catch the eye

of keen candidates. Additionally, your Employer Toolkit is jam-packed with advice on screening and shortlisting candidates, developing interview questions, conducting interviews, and how to sign up, onboard and induct your new apprentice.

When you register for Career Hub, you'll also get access to a team of experts who are on hand to help you write and post job ads, give you tips on how to screen and interview candidates, and guide you through the next steps.

Want to know more? Visit our Career Hub online at <http://www.megt.com.au/career-hub/> or call us on 13 MEGT (6348) to connect with your local apprenticeship experts.

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- Precision adjustment for glazing
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Options include:

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- Lifting winch



Horizon Auto Drive 350

- Lifting capacity up to 350kg
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Options include:

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- Vacuum cup pads for stone
- Window lifting frame

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Recognition of Prior Learning

Recognition of Prior Learning

Recognition of Prior Learning (RPL) is a way of using your existing skills, knowledge and experience to gain a formal qualification. The RPL process takes into account all relevant skills, knowledge and experience that you have, regardless of how you obtained them. This includes experience and training you have gained through paid work, volunteer work, previous training and/or life experiences. Through the assessment process you may be able to gain a complete qualification or, if you have gaps in your knowledge, parts of a qualification which you can then complete with additional training.

Why RPL?

- You can attain a formal nationally recognised qualification in a shorter period of time and at a significantly lower cost.
- Your career and education options may be increased through formally recognised skills and knowledge.
- You do not have to repeat or waste time learning what you already know.
- You can finally 'get that piece of paper' that says you are skilled without having to attend class.

How to apply for RPL

Gather all the documentation about your skills and experience that will assist the assessor with deciding if you have the skills and knowledge to gain RPL for either a unit or a full qualification. Subject to sufficient

evidence being provided, you may qualify for credits towards a qualification. This will reduce the time it takes to get a qualification. The documentation you gather may include:

- General employment documents
- Resume
- Position description or job description
- Results of any assessments
- Details of in-house courses, training programs, orientation, induction
- References or letters from employers and or supervisors
- Workplace documents
- Diaries/task sheets.

An assessor will review your claim

An assessor will work with you during the RPL process to determine exactly what evidence is required. You will also need to supply contact details of one or two work referees who can confirm your skills and knowledge.

The assessor will review your skills and knowledge based on the evidence you provide and match them to units within a qualification. You will also have the opportunity to discuss your previous experience with the assessor who will understand your industry.

You will be notified of the outcome

After the assessment of your prior learning, your assessor will give you information about the skills and knowledge that have been recognised and whether you have gained the full qualification. If you have any skill gaps,

the assessor will discuss with you how these may be addressed through flexible training options to complete the qualification.

Qualification

Once you are qualified, log onto the AGGA website and download the Certified or Master application forms to have your new skills enhanced by becoming a Certified or Master Glazier.

Register your interest

AGGA recommends the use of the following AGGA member Registered Training Organisations (RTO):

- WA Progressive Training
- SA TAFE SA
- Victoria Go TAFE or Holmesglen TAFE
- Queensland TAFE SkillsTech or Gimbal Construction.

Contact AGGA before applying, as there are some subsidies available in Queensland.

NSW TAFE NSW or Gimbal Construction

Warning Beware of non-RTOs offering RPL. Always use an RTO directly. If in doubt, contact AGGA National Training Manager Patrick Gavaghan on 0401 555 656 or email patrick@agga.asn.au to discuss options in your state.

Glass and Glazing Qualifications update July 2018

The national consultation concluded on Monday 28 May for the Certificate III and IV in Glass and Glazing. The Technical Advisory Committees (GGTAC) agreed to all final changes based on national feedback. All members of the GGTAC need to be thanked for their timely contribution and huge amount of technical expertise they each brought to the project. The revised qualifications are now progressing through the quality assurance stage of the review and should be finalised by August.

According to Gary Dunshea (Industry Manager IBSA), it is anticipated that the final drafts will be submitted for the October meeting of the Australian Industry Skills Commission (AISC) for endorsement and implementation by training providers in January 2019.

AGGA has been instrumental in ensuring the changes reflected members' needs and input. The Certificate III in Glass and Glazing will retain its name but have a different code from October 2018 onwards. All apprentices on the existing qualification will either continue with it (as the RTOs conduct a 12-month teach-out), or, if the Apprentice has more than 12 months left, will move onto the new qualification with all credits for completed training.

The new qualifications will bring updated content which will be more reflective of current and future industry practices and products as well as clearer outcomes as to the requirements set out in the units of competency and qualifications.

Gary confirms that IBSA will now be preparing a 'case for change' for the review of the Certificate II in Glass and Glazing, which will ensure the industry has clearly established pathways that will capture those considering a future in the industry as well as young students entering. If approved by the AISC, it is envisioned this project will start early 2019.

If you have any questions regarding the updates contact Patrick Gavaghan AGGA National Training Manager at patrick@agga.asn.au or call 0401 555 656.

AGG Officially Open Tas Processing Facility

Australian Glass Group officially opened their new Tasmanian glass processing plant in Rokeby, Hobart in early September.

The Hon. Jacqueline Petrusma, MP for Franklin, officially opened the plant together with customers and industry representatives who attended the celebration.

'It's a fantastic time in the Australian glass industry, and this new plant represents not only the latest in global technology and processing capabilities but also a support level that links service, quality and advanced product offerings directly to the Tasmanian market,' says Simon Hind, General Manager, AGG Tasmania.

The 4,000m² purpose-built plant is fitted with state-of-the-art machinery including a Jumbo size Tuomas cutting table, the latest LandGlass convention furnace with a capability of handling 2.9x5m pieces of glass, and a Bystronic IGU line with a capacity of manufacturing 2.7x5m units.

Along with all key glass product lines, the plant is also certified to stock and process softcoat Low-E coatings and carries a range



> The Hon. Jacqueline Petrusma, MP for Franklin, Simon Hind, General Manager, AGG Tasmania

to suit all needs – proudly manufactured, stocked and supported locally in Tasmania.

Acting AGG CEO Steve Hamer says the significant investment represents our commitment to the Tasmanian market and to providing excellent service to our customers in the region.

The Tasmanian plant will continue to have the support of AGG's processing plants in Victoria and New South Wales as required.

For further information visit agg.com.au or call 1300 768 024.

A+W iShape: Digitizing stencils with the mobile phone camera



> The shape is photographed using a high-end smartphone camera

Glass processors often receive a hand drawing or a wood, chipboard or cardboard stencil from their customers to produce a non-rectangular glass sheet (shape, free-form). Modern production on CNC machines requires digital data to define these forms.

The glass processor needs a simple and flexible solution to generate the digital data from the template. Older digitisation systems require special equipment and calibration – which is expensive and time-consuming.

Against this background, A+W in cooperation with Viprottron developed a user-friendly, amazingly easy to use app – A+W iShape.

The stencil is simply photographed with a high-end mobile phone camera or similar in front of a printed reference object. The reference object, a high-quality digital print, is mounted on a wall like a wallpaper. It is used to correct possible distortions when taking photographs. The template is now fixed in front of the reference object, preferably with small magnets.

Unlike older solutions, no calibration of the camera used is required! A+W iShape works with every good mobile phone camera.

The photo is taken, and the image is now displayed in the A+W CAD-system. Since it probably contains internal contours and traces of stickers or other fasteners, the user must help the software by selecting a rectangular contour.

The contour is recognized by A+W iShape and converted into a stream of contour points. This point stream is then converted into a shape defined by arcs and lines, which can be used for further processing.



> For further processing, the form is transferred to the A+W CAD Designer. The circumscribing points are clearly visible at the edge of the shape, now corrected and smoothed and finally describe the final contour of the shape.

To learn more, visit A+W at Glasstec – 23–26 October Hall 14, Booth 28 www.a-w.com or contact A+W Australia ron.beddows@a-w.com



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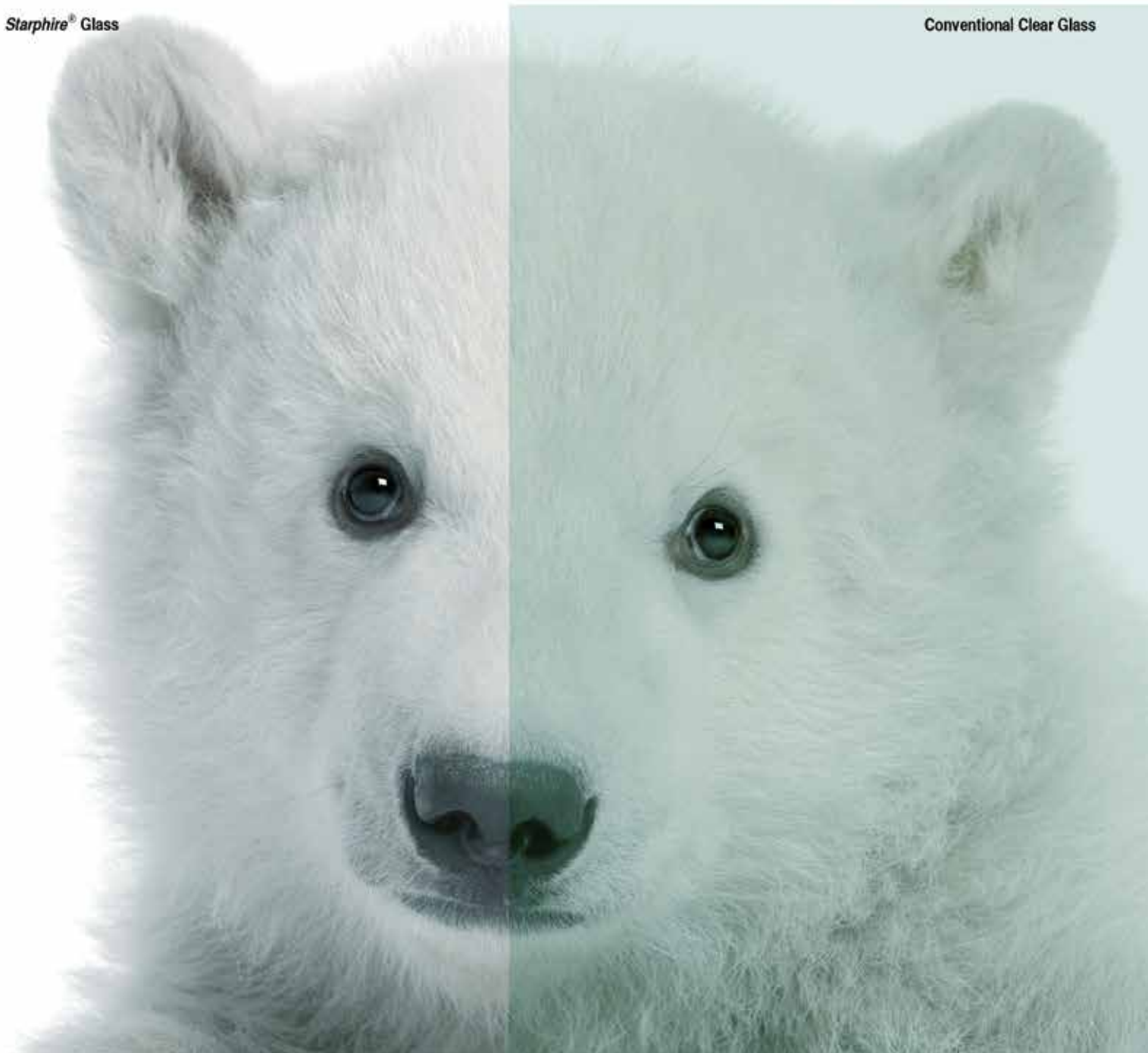
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Bavelloni Launch New Industry First

Bavelloni's 'Trade In Trade Up' offer has been officially launched in conjunction with their Australian Distributor, Garry Kilkenny from Glass Machinery Imports (GMI). Their announcement to industry offers a trade-in scheme on selected models, which is proving to be well-received.

'It's a tough call', says Gary Kilkenny, Managing Director at GMI. 'Bavelloni machines virtually never die, they just get a little older and maybe a little slower! In Australia, we have Bavelloni machines that are still operating well after 25 years plus.'

Emerging markets for Bavelloni in Eastern Europe and Asia have created a strong demand for refurbished machinery, so GMI in conjunction with Bavelloni are offering trade-in deals on selected machines.

The scheme only started a few months ago and GMI have already traded in four Bavelloni machines on current models. 'It's a win win,' says Garry. Our customers want new equipment as they embrace new technologies and improved efficiencies, but they don't want to scrap machines that are still in good working order. Recycling is good for the environment and emerging overseas markets get access to one of the world's leading brands – fully refurbished equipment at a much lower cost when compared to a new machine.'

**For more information, please contact Garry on 0418 990 969
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Cooling Brothers Launch VetroStax

Cooling Brothers has launched into the Australian market their new frameless stacking door system, VetroStax. The water-resistant glass wall solution provides the option to effortlessly partition an area or open up a space. Engineered with a top-hung design and available in a range of versatile stacking configurations, Cooling Brothers can supply and install VetroStax in the Perth metropolitan area. Alternatively, the entire kit is available with all hardware supplied to interstate installers.

Product features include:

- No floor channel required
- Aluminium top rack
- Slim rail with glass bolt-through
- Flexible design layouts
- Anodised or powder coated finishes
- 90 x 40mm rail top and bottom, mechanically fixed to glass for strength and rigidity.

The VetroStax system has already been taken



to new heights on commercial and residential projects, the most notable being the shopfront facades at the recently renovated QV1 Plaza in Perth's West End. Selected to compliment the stylish precinct, it was the only system available capable of meeting the whopping 4-meter height requirement – making the shopfronts the tallest framing stacking doors in Australia!

The project presented design challenges in regard to the client requirements and heavy wind loadings. Cooling Brothers worked closely with the engineers to find an optimal solution. Custom-manufactured glass panels

and hardware was required for the 25.52mm toughened laminated glass, with each panel weighing over 160kg and double door panels with a weight of 250kg each. The installation of these hefty panels required a plant lifter with custom-made rails and rollers.

VetroStax offered a sophisticated and flexible opening solution for the tenancies based on seasonal changes.

For more information on VetroStax, log onto coolingbros.com.au or call 08 6104 1777.

NFK Open NSW Branch and newly appointed agent for SKG

Glass processing machinery and consumables supplier to the industry, NFK have recently opened their new NSW branch, appointing long-term employee Marcel Van Woerkom as NSW State Sales Manager.

'Due to increasing demand in the southern states, we believed local representation was needed to service the growth. Marcel has been an integral part of our team for over

14 years, and was the obvious candidate to relocate to NSW to head up our new state branch,' says Hayden Kemp, Managing Director of NFK.

NFK have also recently expanded their existing Queensland operation with a second 1500m² warehouse to accommodate growth in machinery sales, additional warehousing and manufacturing.

The expanded warehouse facility has enabled NFK to have a fully operational Tuomas float table set up for customer demonstrations and training. 'We are excited to be formally representing Tuomas in the region. They're an established Spanish company with an impeccable record, having dedicated more than 30 years to developing their float and laminating cutting technology,' says Hayden. 'Tuomas equipment is renowned for its build quality and reliability; our successful installation of a jumbo float table in Tasmania earlier in the year has been flawless.'

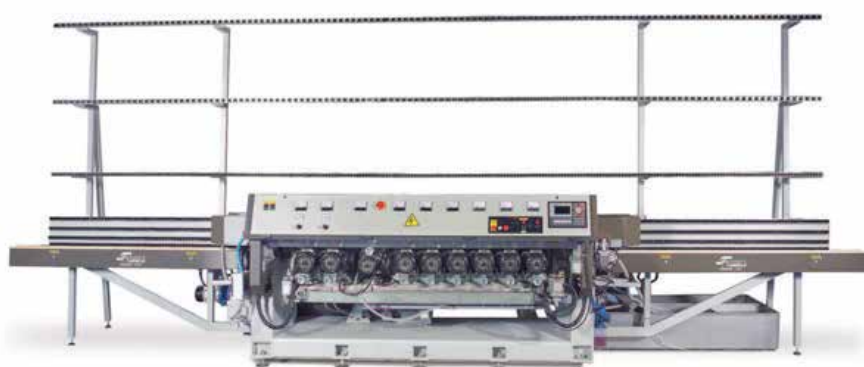
NFK are also delighted to announce they are now representing SKG – Skill Glass, an Italian family owned business who produce high performance vertical CNCs. Ben Little, a qualified electrical engineer with a mechanical fitting background, has recently joined the NFK team as Technical Operations Manager. Ben has completed extensive training with the SKG team and will be providing local service and support for all new and existing SKILL machinery Australia-wide.

For further information, please call Hayden or Ben on 07 3343 3377 or email h.kemp@nfk.com.au





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JD Power Launch New BD400 Lifter

JD Power have recently launched their new BD400 Electric Materials Lifter. Designed with many new safety features, the BD400 is engineered to lift glazed panels up to 250 kg to a height of 4 metres. The BD400 is also designed to assist with the installation of overhead glass panels.

This compact unit is ideally suited for installations where space is an issue. The BD 400 is easy to manoeuvre around in the tightest working area, and by using the counterweight system, this lifter can be used flush against an external or internal wall area.

The BD400 features an electric variable driven motor with soft start, allowing for an overall smoother operation and micro-adjustments as needed. The automatic clutch breaker to prevent overloading and the emergency stop button are just two of the BD400's safety features.

Ben McDonald, Director at Ronbo Glass in Canberra, has been using the BD400 to install glass balustrades for the past three months and says it's the best piece of equipment he has ever invested in. 'I wish I'd found this lifter 10 years ago,' says Ben. He went on to explain that he has been able to reduce the manual handling and back-breaking work his team previously had to undertake, and has also improved his overall efficiency and productivity on each job while minimising any risk.

For further information contact Mat on 0458 771 111 or log onto jdpowertools.com.au



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Jason Warters Joins the LiSEC Sales Team

LiSEC Australia are delighted to announce the new appointment of Jason Warters to their team in the role of National Accounts Manager. Jason will be based at their Belrose NSW office.

Jason has had an extensive career in the manufacturing industry, commencing 25 years ago as an Apprentice Fitter and Machinist. In recent years Jason has been employed in the glass processing industry, having spent over five years with leading National glass processor, the G.James Glass group.

'We are all delighted to welcome Jason to our team. His passion for technology, knowledge of the Australian glass processing industry and exceptional work ethic precedes him,' says Sandro Ianni, Managing Director of LiSEC Australia. 'Our goal is to be recognised in the region, by the glass processing industry as their Number One partner in both the supply and after-sales service of world-leading technology. We aim to provide the very best in customer service, and Jason's appointment cements that.'

Jason Warters can be contacted on 0439 769 837.



JD Power is pleased to announce the appointment of Mathew Barnes

JD Power is pleased to announce the appointment of Mathew Barnes to their national sales team. Commencing in the role mid-year, Mathew joins the JD Power group with over 15 years' experience in the glass industry. His extensive experience crosses residential and commercial projects, from balustrade and pool fencing installations to large-scale multi-million-dollar commercial developments.

Initially commencing his career as an engineer, Mathew trained with the Australian Defence Force. He is passionate about workplace safety, and his engineering background makes him eager to embrace new technologies.

Emma Liou-Roberts, Director at JD Power, is excited to be announcing their recent expansion. 'Mat's first-hand experience in the industry will further assist our customers in understanding the many benefits our glass lifting equipment introduces to every worksites. Safely controlling manual handling, improving efficiencies and minimising the risk is on the radar of every glazing professional Australia-wide. Mathew's ability to problem-solve and think outside the square will prove to be invaluable', says Emma.

Mathew Barnes can be contacted on 0458 771 111.



Glaston Expand Service Team

Glaston are pleased to announce the appointment of Adam Antecki to their service team in Australia, having recently taken up the position of Service Engineer in August. Adam will fulfil a much-anticipated national role, also extending to servicing Glaston customers in New Zealand. With over 18 years' experience in glass processing, he brings enviable operational experience to the local Glaston Asia-Pacific region, having worked for many of Australia's larger glass processing companies.

'Having experienced significant growth in the region in the past three years, after-sales service, including first-class operational training, was high on our list,' says Pekka

Nieminen, Vice President Sales and Service, Asia Pacific – Glaston. 'The initial investment in our technology is the first step, but ensuring the technology is performing to its maximum capacity is critical. Adam's experience and knowledge will be invaluable to customers, enabling them to call on us for immediate support, regular training and operational matters. It's also in our best interests to have skilled personnel operating our machinery.

'This initiative also demonstrates our long-term commitment to the region – we're lifting the bar just that little bit further,' says Pekka.

For further information, contact Pekka.Nieminen@glaston.net





GWAWA State Report

> Peter den Boer, President

Recently released HIA housing start numbers have reported a further weakening in WA, the fourth successive year of negative growth. We predict no change to our WA building industry over the next 6–12 months.

Meetings

Key priority for WA is the promotion of the ACP and working with all our provisional Accredited Companies to attain accreditation in each of the four pillars.

The National Member Services Officer, David Robertson, has recently conducted a second round with our members, resulting in many members now achieving their Accredited Company status.

Events

Our annual awards night on 16 June attracted over 210 members, sharing in the opportunity to receive a range of project and personal awards. Peter Bland of Advantage

Glass was our Glass Person of the Year, and Damon Duran of Dial-A-Glass was our Apprentice of the Year.

Social

Golf Day and AGM is scheduled for Friday 19 October at Wembley, and the Christmas Function 23 November at Camfield.

Training

We have recently conducted three AS 1288 training days, with one future event planned for Thursday 25 October. Book now to comply with the ACP technical pillar.

Accredited Company Program

Member response has been positive in the uptake to register for the Master Glazier program, with nearly 40 already registered. Take advantage of the GWAWA offer to sponsor registration fees. All provisional accredited members need to work towards completion of their four pillars by 30 December 2018. We

have 23 Accredited Companies in WA, and a further 10 with one pillar to complete.

David Robertson, our AGGA National Member Services Officer, is available to provide support to members in completing their four-pillar requirement. Patrick Gavaghan, AGGA Training Manager, is also available to assist any members in registering for either the Certified or Master Glazier programs.

Congratulations to WA members in taking the national lead in the number of member companies now Accredited and registered in the Master Glazier program. It was nearly a clean sweep for WA with the GA18 Project Awards, taking out three of the four. Well done.

New Members

We welcome our new members – Radar Glazing, RAC Facades, and ARCO Double Glazing.

AGGA QLD State Report

> Bill Leavey, President

The AGGA Queensland have been working on the AGGA/AWA merger requirements for our Association in order to comply with the necessary incorporation regulations.

GA18 was an excellent conference and congratulations must go to all concerned. The content was varied and applicable and the guest speakers were highly motivational.

Our next Golf Day is the Auto Ingress Trophy, to be held on Friday 12 October at the Gainsborough Greens Resort Golf Club.

We will hold a committee meeting earlier in the day, followed by our official Annual General Meeting where we will table all the special resolutions required for the upcoming merger between AGGA and AWA.

We will be running a further AS 1288 training course in November with dates to be confirmed.

October is Queensland Safety Month, and we will be holding our third Industry-led Safety Spectacular on Thursday 4 October. Our

theme this year will be 'Putting Mental Health back into Health & Safety.' The guest speaker is Olympic Gold Medallist Libby Trickett.

This annual event has been partly sponsored by the Qld Govt Workplace Health & Safety Dept.



AGGA NSW State Report

> Adrian Grocott, President

NSWGGA held its Annual Golf Day and General Meeting on Friday 14 September. Once again, we had a strong contingent of members displaying the full spectrum of golfing talent.

Congratulations to Pekka Nieminen (Glaston) who was the overall winner on the day.

Special thanks to all our sponsors on the day who regularly front up to support our industry events.

During the AGM, an update on the progress of the AGGA/AWA merger was given with special

recognition to all those who have contributed to the NSW State Association over many decades.

In August, the AGGA National Conference was held at Sanctuary Cove and was well-attended by NSW members. The standard of speakers this year was exceptional, and I'd like to congratulate Bent and Curved Glass for taking out the National Award for a Commercial Project Over \$50K for the amazing Green Square Community Hall which can be seen on page 24.

Finally, there have been recent press reports regarding a review of trade licenses being undertaken by NSW Fair Trading. Glazing is on the list of licenses being considered for removal and AGGA, on behalf of NSWGGA, have made a strong submission for this license to be retained.

You can read more about the review and keep track of progress on the Fair Trading NSW website.

www.fairtrading.nsw.gov.au/about-fair-trading/have-your-say/easy-and-transparent-trading





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AGGA SA State Report

> Phillip Mauviel, President

Our annual GGASA Gala Industry Awards Dinner was held on Friday 6 July at the Adelaide Oval. 2018 has again seen some truly outstanding entries from our members – Adelaide Glass Guys, Barossa Glass, Chevron Glass Group, Construction Glazing, Federation Glass, J Glazing, Mount Barker Glass and Pagel Glass – with the winners being as follows:

Best Residential Project Under \$20K – SA – Mt Barker Glass for the Tranmer Residence

Best Residential Project Over \$20K – South Australia – Federation Glass for the Teague Residence

Best Commercial Project Under \$20K – South Australia – Barossa Glass for the Vasse Virgin at Seppeltsfield Soap Factory

Best Commercial Project Over \$20K – South Australia – Construction Glazing for the Mercedes Vans Show Room

SA Apprentice of the Year – Jayden Tresize – Robertson Glazing SA

Safety Award – Chevron Glass for identification of First Aid personnel.

The GGASA would also like to take this opportunity to extend our huge appreciation to our valued sponsors of the Gala Dinner – Platinum Sponsors, Chevron Glass Group and Overseas Glass Agencies; Gold Sponsors,

Viridian (Woodville), Landson Glass, Elite Glass and Australian Independent Glass; Silver Sponsors, LiSEC, C.R. Laurence, Dormakaba Australia and Guardian Glass; and our Glass & Glazing Safety Award Sponsor, SafeWork SA.

I am very pleased to welcome our two new members to the Association – Northern Trade Solutions and Nu-View Aluminium Windows & Doors.

As we transition to a national support model, I would like to thank Jay Lynch, our Executive Secretary and Treasurer, for her hard work over the years and extend to her best wishes for the future.



AGGA VIC State Report

> Michael Kruger, President

It has been a very social time for members of AGGA Victoria, with our Awards night 'For the Last Time' held at the Notting Hill Hotel in June backed up by the National Conference GA18 held at Sanctuary Cove in Queensland in August.

It was great to see so many Victorian members in attendance at both events, catching up on the latest happenings in the industry, with some very informative speeches and enjoying the company of friends new and old.

Congratulations to all the Victorian Award Winners:

- Domestic under \$20K – The Splashback Factory – Private Residence – Geelong
- Commercial under \$50K – Melbourne Safety Glass – Australian Islamic Centre – Mosque
- Commercial over \$50K – Melbourne Safety Glass – Mausoleum Carlton
- Apprentice of the Year – Brett Carter – Stegbar
- Safety – Landson Glass – Endcap Design.

In particular, congratulations to Landson Glass for taking out the Safety Award at National level.

In other news, the Accredited Company Program (ACP) continues to gather momentum, with Dave Robertson spending plenty of time getting out to Victorian members in early September helping people through the process. If you'd like to see Dave, please contact the AGGA office to ensure that he heads in your direction.

Finally, as we lead into the end of the year the Golf Day and AGM preparations are underway, with final dates and details to be sent out to all members shortly.



AGGA Tasmania State Report

> Michael Dalton, President

AGGA Tas held its AGM at Campbell Town on Friday 24 August. The association meeting started with a BBQ in support of Prostate Cancer awareness.

Information about prostate cancer was distributed to those attending, with donations being able to be made at the meeting or through the Commonwealth Bank.

All sitting committee members were re-elected unopposed:

Michael Dalton – President

Nick Hughes – Vice President

Dimity Schofield – Treasurer

Geoff Bower – Secretary.

As discussed, this would probably be a shortened tenure due to AGGA becoming a national body with State Chapters, so at a time yet to be advised another meeting will take place to commence proceedings to wind up the Tas Assoc in its current form.

Nick Hughes represented AGGA Tasmania at the National Conference recently held in Queensland.

We had two AS 1288 Training sessions for September – one in the north on Tuesday 11 September and one in the south of the state on Thursday 13 September. Both had strong enrolment numbers, and it is good to see employers valuing the training offered.

Dave Robertson was in Tasmania to conduct the training as well as using his time to visit

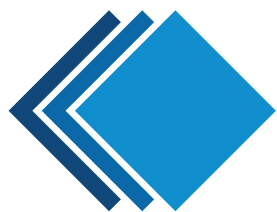
members who as yet have not joined the ACP by helping them obtain compliance with the necessary pillars which make up ACP.

To date eleven (11) members of AGGA Tas have gained ACP status, which represents nearly 25% of members.

Our industry is still very buoyant, and forecasts are for this to continue for some time. As always, skilled labour is becoming increasingly difficult to find.

AGG (Australian Glass Group) had the official opening of their new premises in Rokeby in the state's south on Friday 7 September, highlighting their commitment to the Tasmanian market.





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