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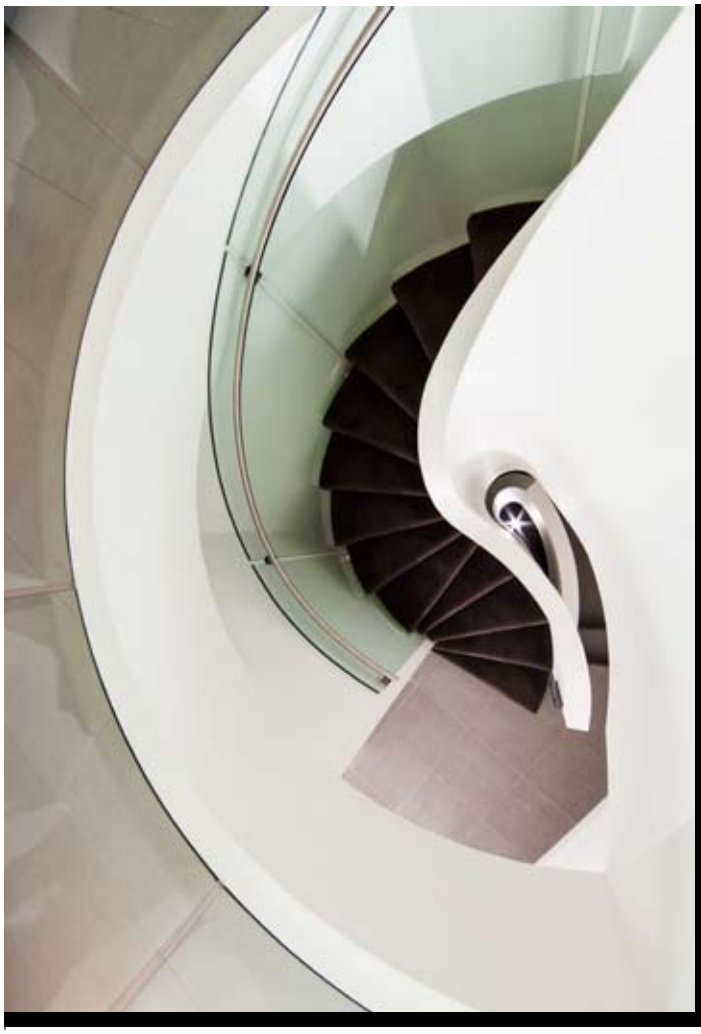
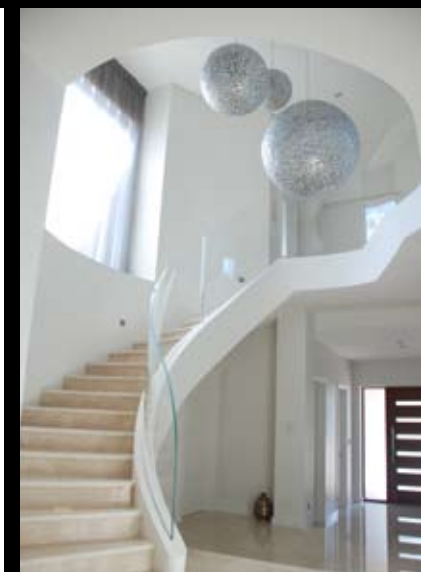
Residential Brochure





curved glass

toughened
laminated
annealed
double glazed

custom laminated glass

PVB & EVA interlayers
graphic interlayers
structural interlayers
thermal interlayers
acoustic interlayers
coloured interlayers

applications

windows
doors
balustrades
pool fences
facade systems
floor panels
roof panels
display cabinets
shopfronts
partitions
shower screens
splashbacks
stair treads
pool windows

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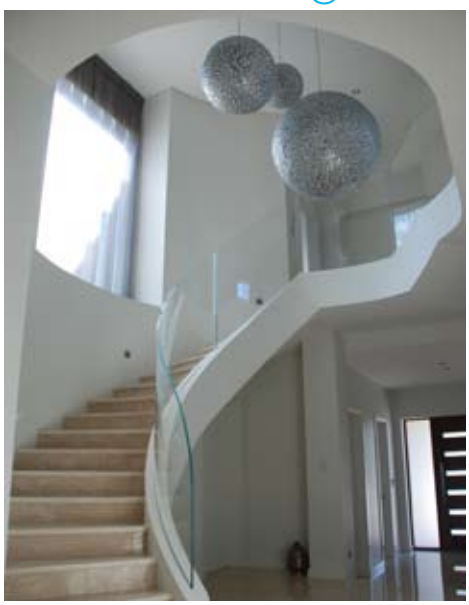
residential interiors



15.04mm starphire toughened structural laminated curved & flat glass fully frameless balustrade

starphire toughened curved glass side fixed cantilever balustrade

10mm clear toughened curved glass balustrade screen

12.76mm grey tinted curved laminated glass aluminium framed fixed floor to ceiling windows

Frameless structural glass staircase, starphire toughened multi laminated glass stair treads & balustrade panels

toughened multi laminated glass white translucent interlayer structural glass floor panels

12.76mm complex curved laminated glass window with self cleaning coating

12.76mm clear and acid etched lamined curved glass

coloured graphic toughened flat glass splashback

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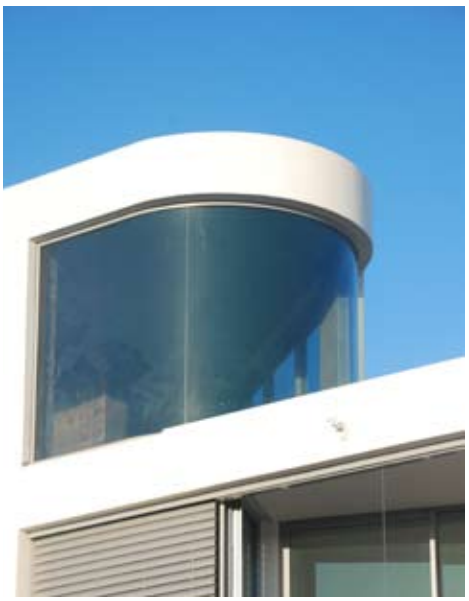
residential exteriors

12mm clear toughened curved glass frameless pool fence

12.76mm low E laminated curved glass aluminium framed bi sliding doors & fixed windows



12.76mm low E laminated curved glass fixed window

12.76mm clear and acid etched laminated curved glass fixed aluminium framed window

24mm clear double glazed glass windows with highlight panels

12.76mm low E laminated curved glass fixed aluminium framed window

Structural glass floor panel, toughened multi laminated glass with anti-slip frosted seraphic frit to top surface

Structural glazed facade panels 16.76mm clear laminated curved & flat fixed windows

8.76mm clear laminated curved glass timber framed window

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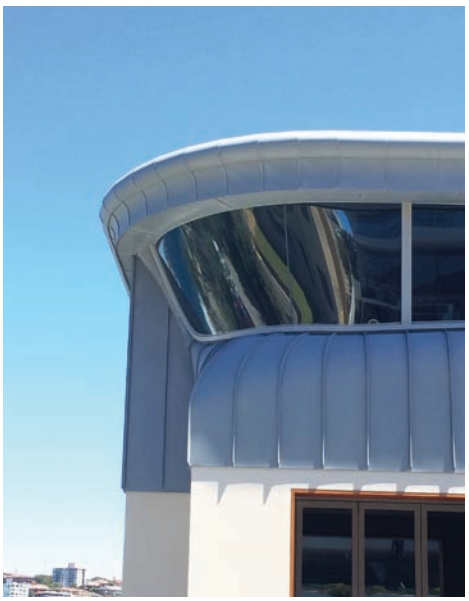
residential exteriors

24mm grey toughened double glazed curved glass door units

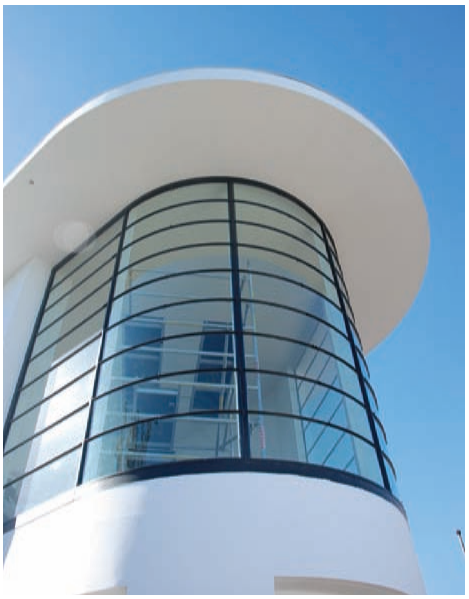
10mm clear toughened curved glass window facade



11.76mm clear laminated curved and flat glass

12.76mm grey tinted laminated curved and flat glass

laminated low E curved glass window



10.76mm EnergyTech laminated curved glass

6mm and 12mm clear toughened curved glass window facade

16.76mm clear laminated curved & flat glass fixed window facade

14.76mm clear pvb laminated curved glass window

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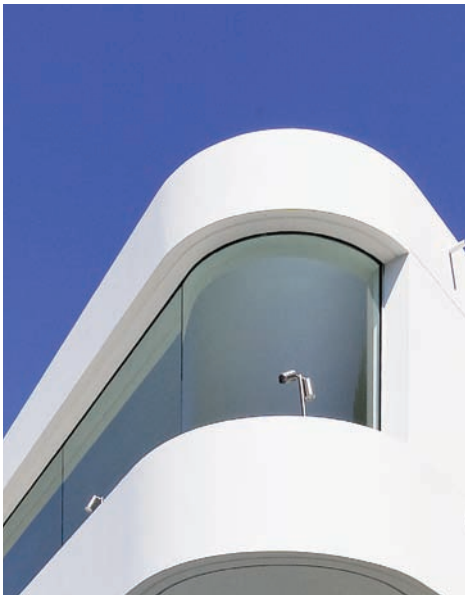
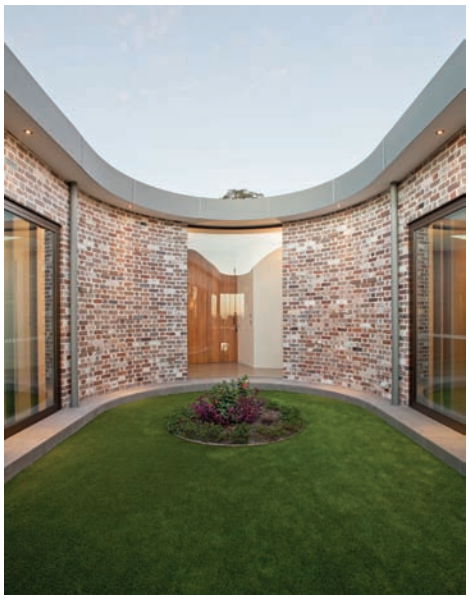
residential applications

12.76mm clear annealed Low E laminated curved glass window internal view



11.76mm clear pvb laminated curved glass window

16.76mm clear laminated curved glass gullwing door



12.76mm clear annealed Low E laminated curved glass window external view

Upper level: 13.14mm white translucent clear low E laminated curved glass
Lower level: 12.76mm clear laminated curved glass

12 mm bronze tinted toughened curved glass window facade

11.76mm grey Low E annealed laminated curved glass roof dome external view

11.76mm grey Low E annealed laminated curved glass roof dome internal view

54.84mm clear toughened structural laminated curved and flat glass pool wet edge

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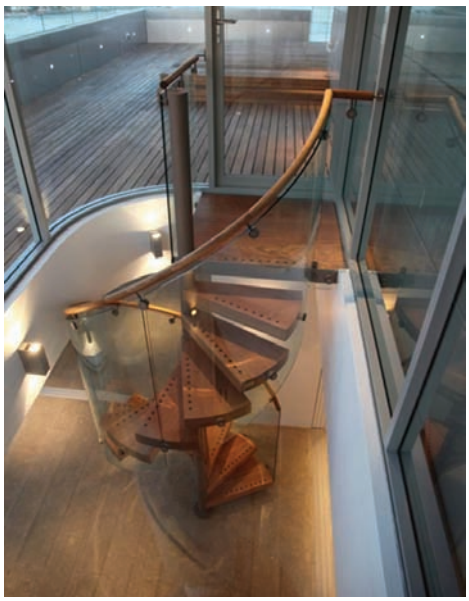
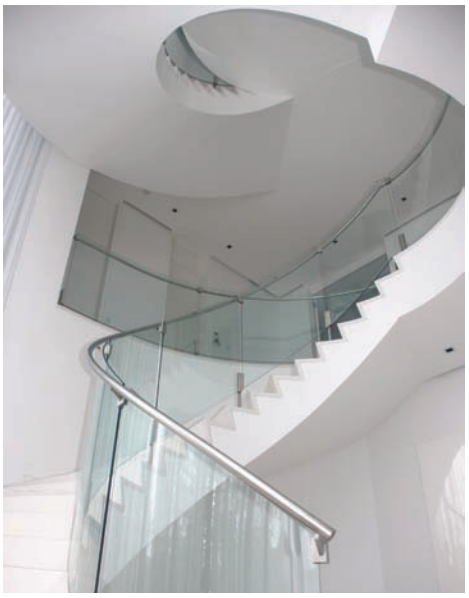
stairs

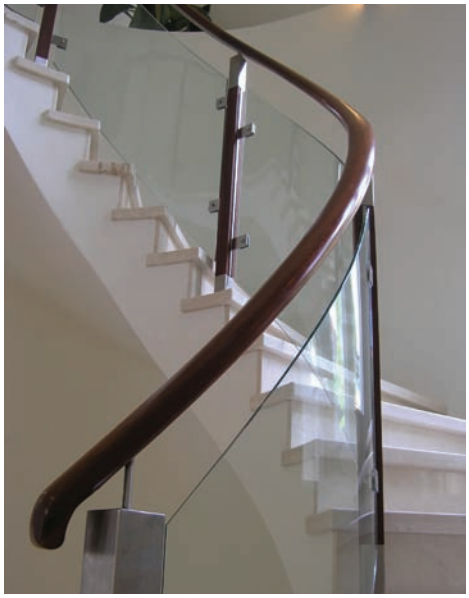
12mm starphire low iron toughened curved glass. Frameless cantilever balustrade panels. Side fix standoff fittings timber handrail capping to top edge of glass.



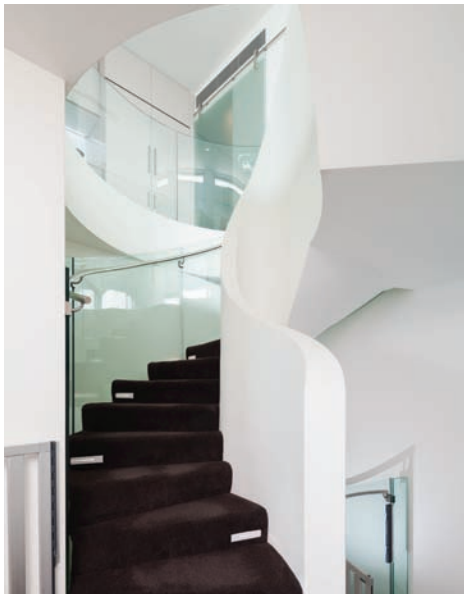
10mm clear toughened curved glass stair balustrade



10mm clear toughened curved glass infill panels.



10mm clear toughened & 11mm clear laminated curved glass cantilever frameless stair panels



12mm clear toughened curved glass stair balustrade

15.04mm Starphire toughened structural laminated curved glass stair balustrade. Engineered glass to allow compliant fully frameless installation without top rail/handrail.

12mm clear toughened curved glass stair balustrade panels cantilever frameless panels with standoff fittings.

12mm clear toughened curved glass ponels cantilever frameless panels with standoff patch fittings

10mm clear toughened curved glass staircase

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stairs

15.04mm low iron toughened structural laminated curved and flat glass balustrade. Engineered glass to allow compliant fully frameless installation without a top handrail.

Inner balustrade: 15.04mm clear toughened structural laminated curved glass. Fully frameless engineered solution.

25.25mm toughened laminated acurved glass

21.52mm clear heat strenghened laminated curved and flat glass

12mm clear toughened curved glass stair balustrade side fixed to timber stair treads

Levendi Jewellery toughened curved glass balustrade panels

Inner balustrade: 15.04mm clear toughened structural laminated curved glass. Fully frameless engineered solution.

12mm clear toughened curved glass balustrade

10mm grey toughened curved glass staircase

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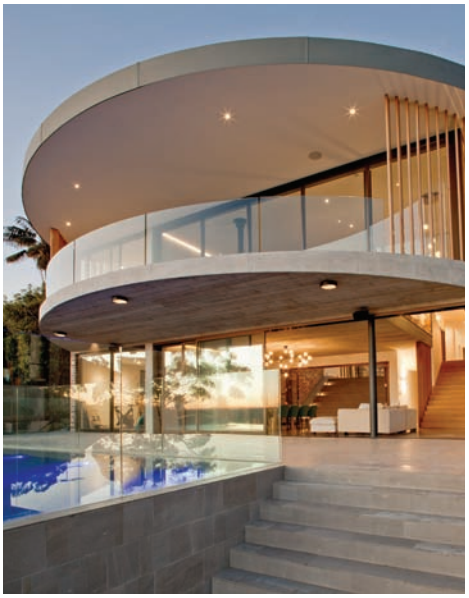
balustrades

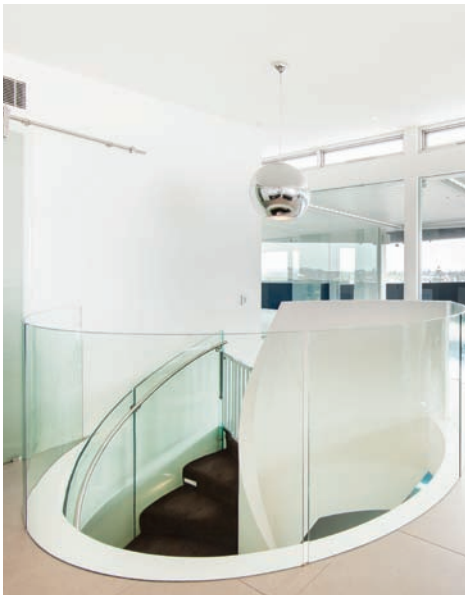
17.52mm clear toughened laminated curved glass balustrade



15.04mm clear toughened structural laminated curved glass balustrade
Engineered for compliance without a top rail

15.04mm clear toughened structural laminated curved and flat glass balustrade
Engineered for compliance without a top rail

21.52mm Low iron toughened laminated curved glass void balustrade



15.04mm clear toughened structural laminated curved glass balustrade
Engineered for compliance without a top rail

21.52mm clear toughened structural laminated frameless curved glass balustrade

21.52mm clear toughened laminated curved glass balustrade

15.04mm clear toughened structural laminated curved glass balustrade

15.04mm Starphine toughened structural laminated curved glass balustrade.
Engineered for compliance without a top rail

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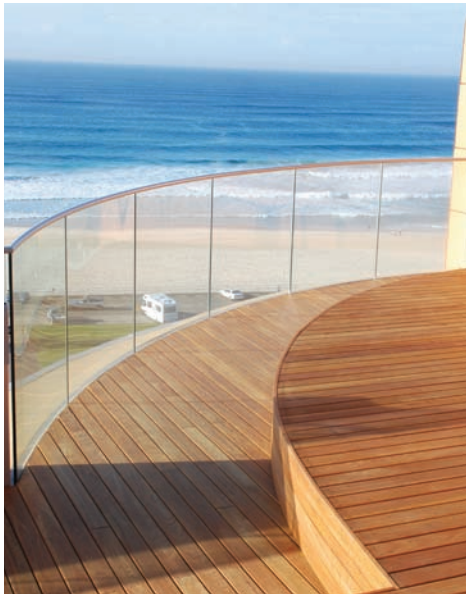
balustrades

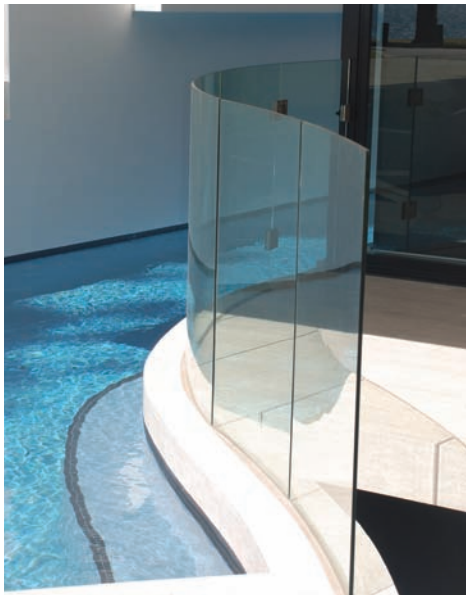
12mm clear toughened curved glass frameless cantilever balustrade panels



15mm clear toughened heat soaked curved glass balustrade

12mm clear toughened curved glass frameless cantilever balustrade panels

12mm clear toughened curved glass sided fixed balustrade

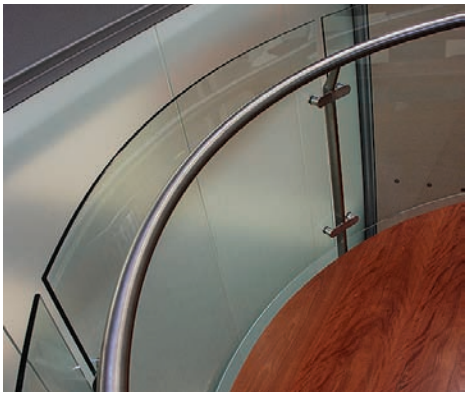


12mm clear toughened curved glass frameless, Non shrink grout fixing into concrete slab

12mm clear shapecut toughened curved. Non shrink grout fixing into rebate in concrete retaining wall

12.76mm Low "E" laminated curved glass 6mm clear annealed and 6mm annealed SolTech equivalent to ComfortPlus neutral

12mm Matelux acid etched toughened curved glass balustrade



10mm clear toughened curved glass balustrade

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shower enclosures

12.76mm starphire white translucent laminated curved glass inside view

12.76mm starphire white translucent laminated curved glass outside view

12mm clear toughened curved glass shower enclosure

starphire toughened frameless showerscreen white colourbacked laminated curved glass shower recess

6mm clear toughened curved glass shower enclosure

10mm clear toughened curved glass shower with applied frosted film

11mm clear laminated curved glass bathroom window with applied privacy film

8mm clear toughened curved glass frameless glass in glazing channel at floor level

8mm clear toughened curved and flat glass shower enclosure

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Curved Glass guidelines & tolerances

guidelines

	TOUGHENED TOUGHENED LAMINATED	ANNEALED ANNEALED LAMINATED
Max. Glass Height	< 1000 radius 2500 > 1000 radius 3300	3800 (2400)
Max. Glass Girth	< 1000 radius 1500 > 1000 radius 2500	2400 (3800)
Max. Angle of bending	< 1000 radius 90° > 1000 any angle up to max. 680mm depth of curve	max. 140° angle up to max 700 depth of curve
Min. Radius	Glass Height **400 to 2500mm h** / **2500 to 3300 h**	
5-6mm	420 / 1000	100mm
8mm	500 / 1200	100mm
10mm	620 / 1200	250mm
12mm	890 / 1500	250mm
15mm	1650 / 1500 *	
	*Minimum radius will depend upon glass dimensions	
Tangent bending and composite radius bending	to max. 2500mm height to max. 1500mm girth	No specific restrictions other than above.

tolerances

Overall measurement	+/-2mm over 1m
Twisting	+/-3mm over 1m
Edge flatness	+/-2mm over 1m
Deviation of curve	+/-2mm
Glass thickness	+/-0.7mm
Edge alignment	+/-2mm

Certified Product™ Australian Standard

As always we would remind you that there are many variables which will influence potential outcomes for individual projects. Sometimes this allows achieving better than indicated on certain parameters. We recommend consulting the experienced staff at BCG to discuss the specific requirements of each project in order to determine the best glass options available.

Australian Manufactured

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