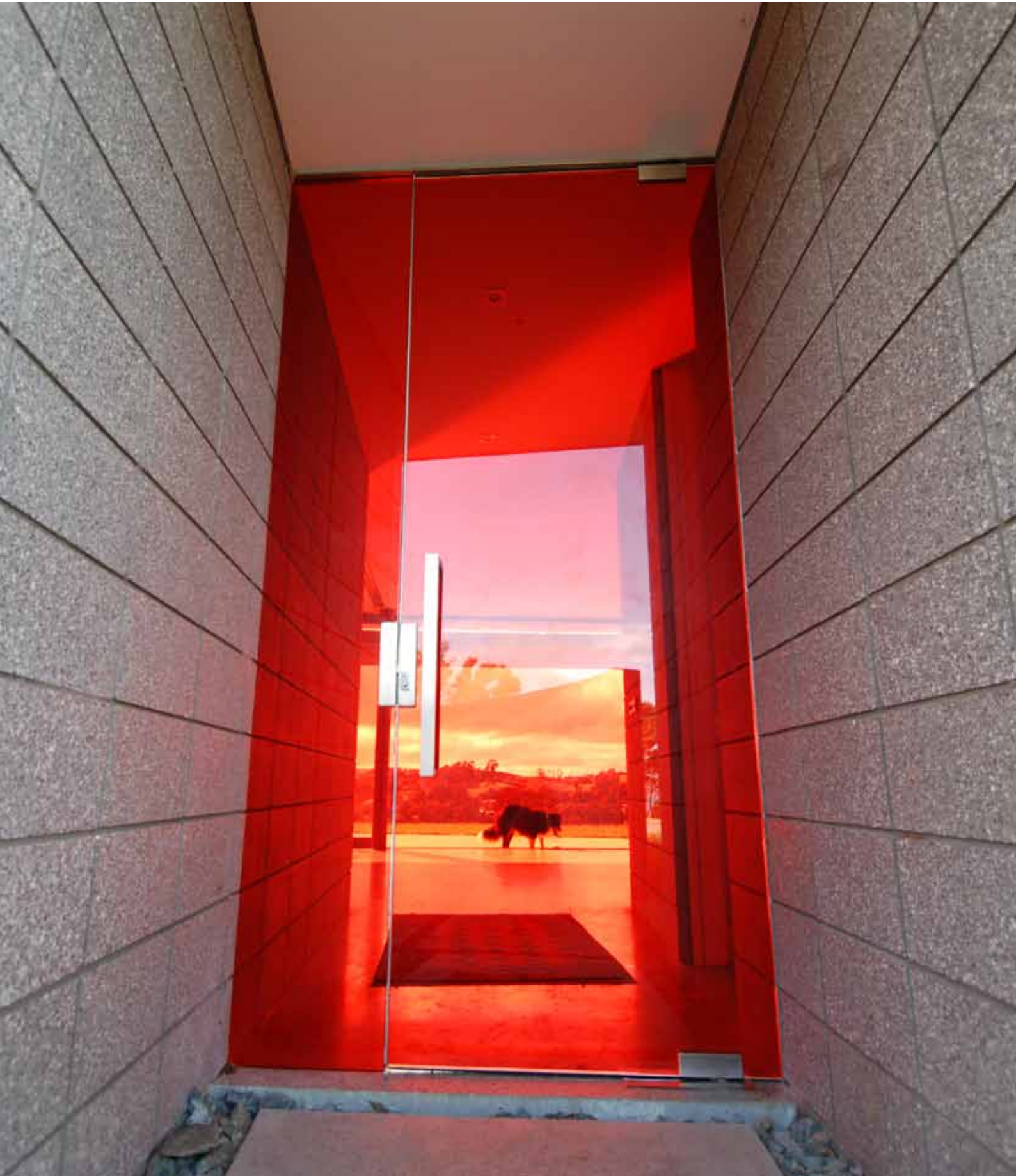


Freestyle™ by euroglass

INSPIRED VISION FOR ARCHITECTURAL GLASS





INSPIRED VISION FOR ARCHITECTURAL GLASS

Introducing our high performance glass product consisting of a combination of two or more panels of glass permanently bonded together by a tough, durable interlayer of EVA film.

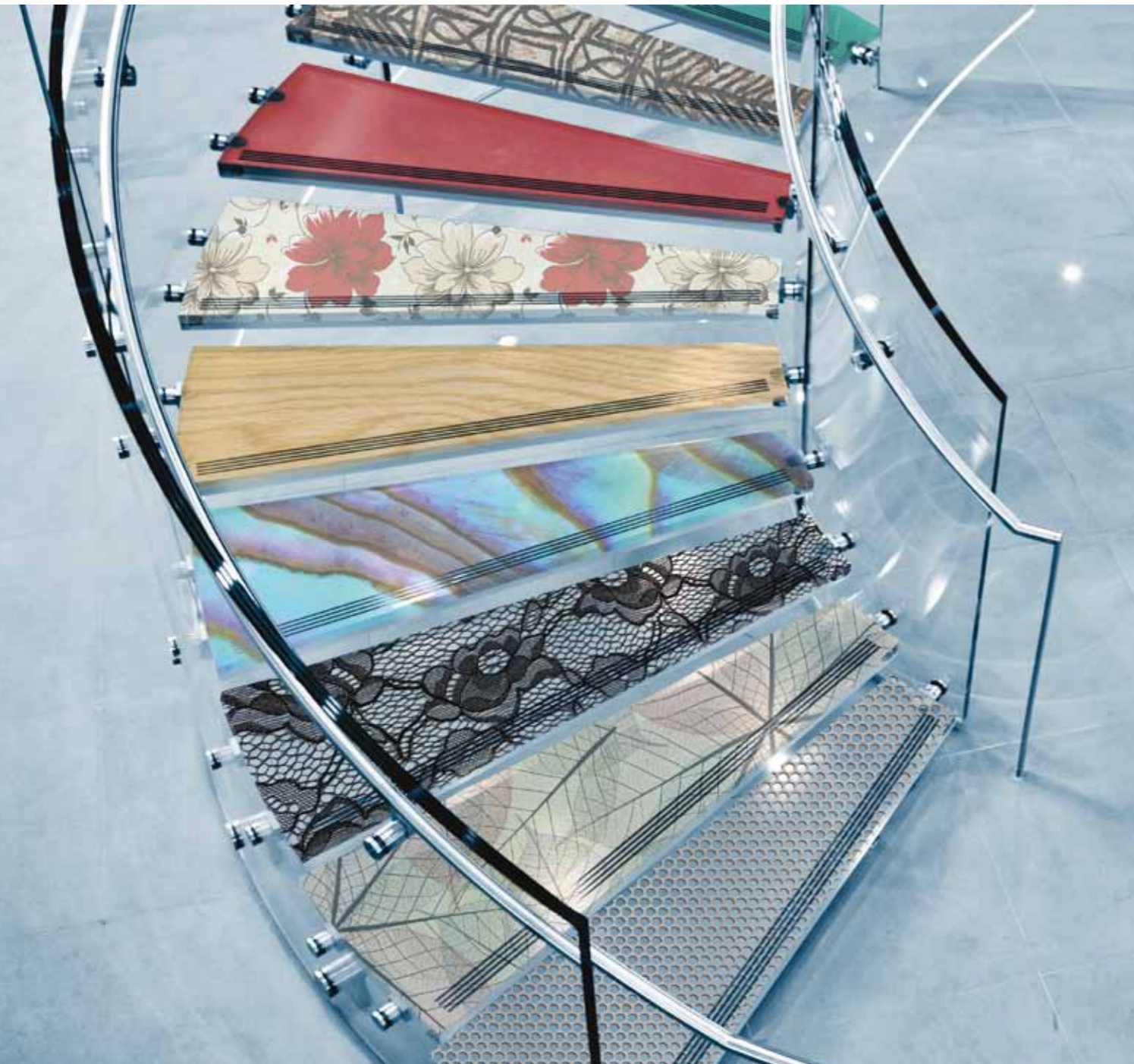
The interlayer is united with glass in quality composite units in which the integrity of the interlayer material is permanently preserved from the effects of dust, moisture and temperature. The whole assembly is subjected to heat and pressure, resulting in complete adhesion of the interlayer and the glass.

Not only does this process create incredibly resilient laminated glass, but what sets Freestyle™ apart, is the unlimited creative possibilities due to its compatibility with a range of inserts and media.

THE APPLICATIONS OF FREESTYLE™

Besides providing exciting decorative opportunities, Freestyle™ exhibits the characteristics of a superior safety glass providing strength and security. Highly flexible, it is designed for use in a wide variety of applications, wherever that extra touch is required. Examples of applications include:

- BRANDING and PROMOTION • FEATURE WALLS
- PARTITIONS • SIGNS and DISPLAYS • DOORS
- BALUSTRADES • STAIR TREADS • FLOORS
- SPLASHBACKS • TABLES and BENCHTOPS
- SHOWER SCREENS • POOL FENCES • CANOPIES
- CURTAIN WALL GLAZING



THE DECORATIVE OPTIONS OF FREESTYLE™

The interlayer can encompass virtually all colour profiles produced on clear, translucent or opaque film as well as images ranging from logos to graphics and photos. The graphics can be a single image viewed from both sides or two individual images viewed from respective sides. Insert media materials include:

- FABRIC and SILK • STONE and WOOD VENEERS • PAPER and WALLPAPER
- PERFORATED STEEL and METAL SHEETS • PHOTOS • ANY PRINTED GRAPHIC

THE ADVANTAGES OF FREESTYLE™

The inclusion of an EVA-based thermoset adhesive film with its unique 3D cross-linking capability to bond panes of glass together permanently, provides many benefits:

- Water repellent (the edges of the glass can be exposed to water).
- Visibility of the graphic from both sides of the glass.
- Ability to laminate toughened glass panels together for superior strength and safety.
- Durability against heat, moisture and humidity.
- Performance scope for special security application glasses, e.g. burglar resistance.
- The increased strength can open up the possibilities for many structural design features.
- High transparency.
- Supported by a 10 year warranty.



THE STRENGTH OF FREESTYLE™

Freestyle™ comprises of an interlayer which creates a backbone for the glass to withstand some of the toughest conditions, for ultimate security and protection. While laminated glass can resist a significant level of force, it could still break under extreme conditions. In the event of breakage, the glass fragments remain bonded to the interlayer keeping it intact and weatherproof and reducing the risk of flying or falling glass. The glass retains a residual strength while awaiting replacement.





BIG IMPRESSIONS

Light shining through an external glass 'skin' projects blocks of colour onto the interior surfaces which transform as the angle of the sun changes.

THE BENEFITS OF FREESTYLE™

NOISE REDUCTION

Creates more peaceful interiors by reducing noise pollution from air and road traffic, general street noise and wherever sound attenuation is desirable.

ADDED SAFETY

Ideally suited to public places and higher risk situations where it is vital to ensure the safety and resistance of glass; for example balconies, floors, canopies and display windows.

UV RESISTANCE

The intermediate layer provides a filter against UV rays substantially reducing fading of furniture, drapes, carpets and displays whilst still retaining superb optical clarity.

WIND PROTECTION

The added interlayer protection is superior to conventional laminating materials in its ability to resist heavy winds, including up to cyclone conditions.

Freestyle™ is perfectly tailored for walls of glass, contrasting transparency with gently diffused light to foster continuance and openness while still bestowing a level of obscurity. It provides a creatively unique opportunity to incorporate a logo, colour or stunning graphic for visual impact or brand communication.



SPECIFICATIONS

Freestyle™ is suitable for use with both annealed and toughened glass. Size restraints are:

Minimum glass panel size: 100mm x 350mm
Maximum glass panel size: The maximum size for our laminating oven is 4,500mm x 2,190mm.

Glass size restrictions:

- 3mm clear float glass - 2,420mm x 1,810mm
- 4mm and above, clear float glass (non-jumbo) - 3,650mm x 2,190mm
- 6mm, 10mm, 12mm, 15mm and 19mm clear float (jumbo sheets) - 4,500mm x 2,190mm
- Pattern glass - 2,130mm x 1,830mm
- Tinted glass - 3,650mm x 2,190mm

Toughened glass restrictions: Combinations are limited to a maximum size of 4,200mm x 2,190mm.

Decorative interlayers: Maximum size of images printed on interlay is 2,700mm x 1,200mm (multiple widths can be applied).

Maximum Weight: The maximum weight of each laminated panel is 350kg.



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Freestyle™