



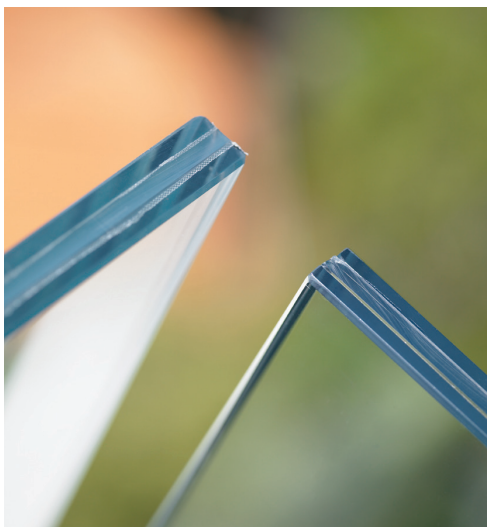
# AGGLam<sup>®</sup>

An Australian Glass Group Product



**A full range of  
Laminated Glass Products  
to suit multiple applications**

AGGLam® Laminated Glass products consist of at least 2 pieces of glass manufactured as one unit with a middle interlayer that acts as a strong adhesion against penetration, remaining in place and safe, even if the glass breaks.



AGGLam® boasts multiple categories of Laminated glass options to suit a full range of applications:

**AGGLam® Classic** – regular stocked laminates, cut to order

**AGGLam® Energy** – LowE options for Energy Efficiency

**AGGLam® Acoustic** – advanced noise blocking

**AGGLam® Privacy** – allow the light in but obscure the image

**AGGLam® Security** – your Security Shield against intrusion

**AGGLam® Fire** – certified Fire Resistance Level laminated glass

**AGGLam® Balustrade** – regular Balustrade laminated glass

**AGGLam® Flooring** – multi-laminated glass for flooring

**AGGLam® Structural** – advanced laminated glass for structure

AGGLam® can also be custom made to suit any further needs and applications and fully supported from in-house Engineered Design and Sign-off.

All AGGLam® products are manufactured to AS 2208 – Safety glazing materials in buildings.

### All AGGLam® options are:

- **Safe**                      Grade A Safety - certified to AS 2208
- **Secure**                    Strong against breakage and penetration
- **Quiet**                      Advanced acoustic performance compared to regular float glass
- **Protects**                  Over 99% UV Protection to reduce colour fading factors

Australian Glass Group also understands the vital importance of certification and compliance of glass products. Our products are manufactured and certified to Australian Standards by an international certification body, Bureau Veritas. Relevant compliance is certified and available on request in key areas including;

**AS/NZS 2208:1996** – Safety glazing materials in buildings

**AS/NZS 4667:2000** – Quality requirements for cut-to-size and processed glass





## Standard Clear and Grey Laminated glass.

**Available in:**

6.38mm as well as custom made and up to  
4400 x 3210mm or custom 4500 x 2500mm sizes

Traditional laminated glass options that consist of 2 pieces of clear glass manufactured as one unit with a middle PVB interlayer that acts as a strong adhesion against penetration, remaining in place and safe even if the glass breaks.

With a clear interlayer and using clear glass, high Clarity allows a clean view through the glass and high Visible Light Transmittance (VLT) that optimises natural light entering inside and filling your space. When a Coloured aesthetic and/or more Solar Control is needed (lower SHGC), there is AGGLam® Classic Grey.

AGGLam® Privacy is White Translucent laminated glass that consists of 2 pieces of clear glass manufactured as one unit with a middle white translucent interlayer that masks the image while also acting as a strong adhesion against penetration, remaining in place and safe even if the glass breaks.

Stocked in white translucent interlayer and using clear glass, natural light still enters inside while obscuring the image for privacy. Or custom-made with a range of patterned and obscure glass options.



## White Translucent Laminated glass or custom made with multiple options of obscure glass types and patterns.

**Available in:**

6.38mm as well as custom made and up to  
4400 x 3210mm or custom 4500 x 2500mm sizes



## Custom made Laminated Balustrade glass.

**Available in:**

9.52mm as well as custom made and  
sizes upon application

AGGLam® Balustrade are custom made Laminated glass options for Balustrade application that consist of 2 pieces of clear glass manufactured as one unit with a middle interlayer that is usually thicker than standard laminates and acts as a strong adhesion against penetration, remaining in place and safe even if the glass breaks.

With Clear or Low Iron Glass options achieve high Clarity and Visible Light, all supported by in-house Engineered Design and Sign-off, if required.



## A range of Pyrolytic Hardcoat LowE Laminated glass.

**Available in:**

6.38mm as well as custom made and up to 4400 x 3210mm or custom 4500 x 2500mm sizes

AGGLam® Energy introduces a pyrolytic “hardcoat” LowE into the laminate make up, offering the best Insulation for a single glazed glass product (lowest U-Value). These consist of 2 pieces of glass, one being the LowE, manufactured as one unit with a middle PVB interlayer that acts as a strong adhesion against penetration, remaining in place and safe even if the glass breaks.

Clear option for high Clarity and Visible Light or Neutral for less Glare and more Solar Control (lower SHGC).

IntrudaShield® Security Laminated glass for when stronger resistance is required, acting as a Shield against intrusion. Offering peace of mind for your building with stronger resistance compared to regular laminates using an interlayer 4x thicker that provides a Shield up to 20x stronger than regular float glass.

IntrudaShield Ultra® available for heightened levels of security with even more strength. Both options are clear with high Clarity and Visible Light.



IntrudaShield® Security Laminated glass for stronger resistance to intrusion and IntrudaShield Ultra® for heightened levels of security.

**Available in:**

9.52, 11, 11.52, 13, 15mm as well as custom made and up to 4400 x 2400mm / 4500 x 2140mm sizes



## Custom made Laminated Flooring glass.

**Available in:**

Multiple thicknesses and sizes upon application

AGGLam® Flooring are custom made Laminated glass options for Flooring application that consist of 3 or more pieces of clear glass manufactured as one unit with middle interlayers that is usually thicker than standard laminates and acts as a strong adhesion against penetration, remaining in place and safe even if the glass breaks.

AGG can custom make your laminated Flooring to suite your needs as well as offer full Engineered Design and Sign-off compliance.



## Audioshield® High Performance Acoustic Laminated glass.

### Available in:

6.5, 8.5, 10.5, 12.5mm as well as custom made and up to 4400 x 3210mm or custom 4500 x 2500mm sizes

Audioshield® high performance acoustic laminated glass using a special interlayer for superior sound reduction against a full range of noises.

With a clear interlayer and using clear glass, high Clarity allows a clean view through the glass and high Visible Light that optimises natural light entering inside and filling your space.



Pyroglass Pyran® S laminated glass for Integrity Fire Rated Glass performance up to FRL -/120/- and Pyroglass Pyranova® multi-laminated glass for Insulating Fire Rated Glass performance up to FRL -/60/60.

Both options are clear with high Clarity and Visible Light.

*Note that these products are not tested as a standalone product. It is tested as a complete fire rated system including frame. Contact us for full system options.*



## Pyroglass® range of Fire Resistance Level Laminated glass.

### Available in:

11.52, 13.52, 15.52, 17.52, 23, 27mm and up to 3000 x 2000mm Pyran® S / 3000 x 1900mm Pyranova® sizes



SkyGlass® and SkyGlass Ultra® Structural Laminated glass for Balustrade, Pool Fencing and Barrier application without the need for handrails.

### Available in:

15.04, 19.04mm as well as further custom made and sizes upon application

SkyGlass® is custom made structural frameless glass laminate made from clear glass and a special structural interlayer. Designed to remain strong and intact as a barrier, even if the glass breaks.

SkyGlass Ultra® utilises low iron glass to enhance your view even more, providing higher Clarity and takes away the green edge of exposed glass that regular clear glass has.

*Note that an Engineered Design and Sign-off is required for this product and we offer this service in-house.*



Australian Glass Group  
are proud members of:



AUSTRALIAN  
**GLASS &  
WINDOW**  
ASSOCIATION



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