



Pyroglass[®]

An Australian Glass Group Product



A range of certified
Fire Resistance Level
Glass options up to
FRL -/120/120

Australian Glass Group® have partnered with the world's leading specialist glass manufacturer, SCHOTT AG, to bring you Pyroglass® - a range of certified fire rated glass for multiple applications:



 **Pyroglass** Robax®
An Australian Glass Group Product

A ceramic glass used in applications such as fireplaces or where more than 120 minutes of Integrity performance against flames, smoke and hot gasses are required.

 **Pyroglass** Pyran® S
An Australian Glass Group Product

A borosilicate glass with the high clarity characteristics of low iron glass & significant resistance to thermal shock compared to regular float glass. Integrity Fire Resistance Level up to **FRL -/120/-**

 **Pyroglass** ISO Pyran® S
An Australian Glass Group Product

Incorporates Pyran® S into a Double Glazed Unit (DGU) allowing multiple choices for a full range of additional performance solutions. Integrity Fire Resistance Level up to **FRL -/120/-**

 **Pyroglass** Pyranova®
An Australian Glass Group Product

A specialised multi-laminated glass with fire resistant interlayers that foam up in the event of fire, adding the ability to also block radiant heat. Insulating Fire Resistance Level up to **FRL -/60/60**

 **Pyroglass** ISO Pyranova®
An Australian Glass Group Product

Incorporates Pyranova® into a Double Glazed Unit allowing up to 120 minutes Insulating Fire Rated performance or a full range of additional performance solutions. Insulating Fire Resistance Level up to **FRL -/120/120**



Proudly processed under certification, stocked, and supported in Australia by Australian Glass Group®

Australian Glass Group also understands the vital importance of certification and compliance of glass products. Australian Glass Group is the licensed distributor and processor of SCHOTT AG; Robax®, Pyran® S, ISO Pyran® S, Pyranova® and ISO Pyranova® along with our full range of glass products that are manufactured and certified to Australian Standards by international certification body, Bureau Veritas. Relevant compliance is available on request in key areas including.

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

AS/NZS 4666:2012 – Insulating Glass Units





Robax® is the ideal fire viewing glass. It is a clear ceramic glass with great resistance to thermal shock and heat, so much that it can withstand up to 760° C for up to 5 hours and 560° C for up to 5,000 hours.

The main application for Robax® is the use in electric, oil or gas stoves as well as wood, coal, pellet fireplaces and room heaters. With the appropriate test approvals, Robax® can also be used as viewing panels in fire doors where more than 120 minutes of Integrity Fire Resistance Level (FRL) performance against flames, smoke and hot gasses is required.

Available in 5mm thick and sizes up 1954 x 1100mm.



This Integrity rated fire resistant glass prevents flames, smoke and hot gasses from either entering inside your building or stopping from spreading between rooms, floors and even between buildings. Integrity Fire Resistance Level (FRL) up to 120 minutes and available in 6mm and 8mm thickness and sizes up to 3000 x 2000mm. Also available in a laminate.

Features and benefits:

- Prevents flames, smoke and hot gasses passing through to support a safe evacuation of a burning building.
- Grade A safety glass certified to AS/NZS 2208 for strength, resistance and safety.
- No possibility of Nickel Sulphide formations therefore no risk of any resulting spontaneous glass breakage.
- Similar look to low iron glass which maximises natural light passing through as well as high clarity when needing to look through the glass.
- Higher durability and resistance when in contact with abrasive chemical solutions compared to regular glass which allows for further applications.

Applications:

- Windows/Doors
- Internal Glass Walls
- External Glass Facades
- Skylights/Rooflights
- Smoke Screens
- Elevator/Shaft Glass
- Butt Joints
- Point Fixings

Pyran® S

is tested* to the following standards for up to 120 minutes Integrity Glass (FRL -/120/-)

- Australian Standard AS1530.4
- British Standard BS 476-22: 1987
- European Standard BS EN 1364.1 1999

*Pyran S is not tested as a standalone product. It is tested as a complete fire rated system including frame. Contact us for full system options.

Pyroglass ISO Pyran® S double glazed units offer a jump in Insulation (lower U-Value) and multiple secondary lite options for choice - including high clarity or privacy, high visible light or glare protection, enhance your acoustic performance or add a high performing softcoat LowE coating to exceed in both Insulation (lowest U-Value) and your choice of Solar Control (SHGC)... high with LowE Plus, lower with LowE Prime or ultimate with LowE Max.

Double Glazed Unit (DGU) options:

- Clear
- Grey
- Acid Etched
- Clear Laminate
- White Trans Laminate
- LowE Prime
- LowE Plus
- LowE Max
- DGU units from 16mm - 38mm thick
- Steel Warm Edge Spacer
- Air gap
- Covered under Insulglass® Warranty

ISO Pyran® S

is tested* to the following standards for up to 120 minutes Integrity Glass (FRL -/120/-)

- Australian Standard AS1530.4
- British Standard BS 476-22: 1987
- European Standard BS EN 1364.1 1999

*ISO Pyran S is not tested as a standalone product. It is tested as a complete fire rated system including frame. Contact us for full system options.

This Insulating rated fire resistant glass prevents flames, smoke, hot gasses and radiant heat from either entering inside your building or stopping from spreading between rooms, floors and even between buildings. Insulating Fire Resistance Level (FRL) up to 60 minutes and available in 23mm for internal units and 27mm for external units. Sizes up to 3000 x 1900mm.

Features and benefits:

- Prevents flames, smoke and hot gasses passing through to support a safe evacuation of a burning building.
- Grade A safety glass certified to AS/NZS 2208 for strength, resistance and safety.
- Advanced make up allowing fire protection from either side.
- Interlayer foams up to an opaque heat shield, preventing the passage of heat radiation in case of fire.
- 100% blockage of Ultraviolet rays (UV) to help protect from fading factors.
- Advanced Acoustic performance for greater comfort from disturbing noise.
- Multi-laminate adding further Security from intrusion.

Applications:

- Windows/Doors
- Internal Glass Walls
- External Glass Facades
- Flooring
- Elevator/Shaft Glass
- Butt Joints
- Escape Routes & Stairways

Pyranova®
is tested* to the following standards for up to 60 minutes Insulating Glass (FRL -/60/60)

- Australian Standard AS1530.4
- British Standard BS 476-22: 1987
- European Standard BS EN 1364.1 1999

*Pyranova is not tested as a standalone product. It is tested as a complete fire rated system including frame. Contact us for full system options.

Where further performance is required, adding Pyranova® into a DGU allows multiple applications.

Pyroglass ISO Pyranova® double glazed units offer a jump in Insulation (lower U-Value) and multiple secondary lite options for choice – including 120min Fire Insulating with double Pyranova® or 60min with your choice of; high clarity or privacy, high visible light or glare protection, enhance your acoustic performance or add a high performing softcoat LowE coating to exceed in both Insulation (lowest U-Value) and your choice of Solar Control (SHGC)... high with LowE Plus, lower with LowE Prime or ultimate with LowE Max.

Internal Units:

- 23mm for up to FRL -/60/60
- 52mm min DGU for up to FRL -/120/120
- Argon gas for lower U-Value
- Covered under Insulglass® warranty

External Units:

- 27mm for up to FRL -/60/60
- 56mm min DGU for up to FRL -/120/120
- Argon gas for lower U-Value
- Covered under Insulglass® warranty

ISO Pyranova®
is tested* to the following standards for up to 120 minutes Insulating Glass (FRL -/120/120)

- Australian Standard AS1530.4
- British Standard BS 476-22: 1987
- European Standard BS EN 1364.1 1999

*ISO Pyranova is not tested as a standalone product. It is tested as a complete fire rated system including frame. Contact us for full system options.

Double Glazed Unit (DGU) options:

- Double Pyranova® for FRL -/120/120
- Same options as ISO Pyran® S for FRL -/60/60

Certified Processor of
SCHOTT AG specialised
Fire Rated Glass

SCHOTT
glass made of ideas

Australian Glass Group
are proud members of:



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