

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 Pyran® S Performance Data

| Single Glazed  | Colour      | Visible Light VLT | Insulation U-Value | Solar Control SHGC | Acoustics Rw |
|--|-------------|-------------------|--------------------|--------------------|--------------|
| <b>Pyroglass Pyran® S - Clear</b>                          |             |                   |                    |                    |              |
| 6mm Pyran S  | Clear       | 0.92              | 5.9                | 0.91               | 31           |
| 8mm Pyran S  | Clear       | 0.91              | 5.8                | 0.91               | 32           |
| <b>Pyroglass Pyran® S - Clear Laminate</b>                 |             |                   |                    |                    |              |
| 11.52mm Pyran S - Clear Laminate                           | Clear       | 0.90              | 5.5                | 0.82               | 36           |
| 13.52mm Pyran S - Clear Laminate                           | Clear       | 0.88              | 5.5                | 0.78               | 37           |
| 17.52mm Pyran S - Clear Laminate                           | Clear       | 0.86              | 5.3                | 0.73               | 39           |
| <b>Pyroglass Pyran® S - Grey Laminate</b>                  |             |                   |                    |                    |              |
| 11.52mm Pyran S - Grey Laminate                            | Grey        | 0.56              | 5.5                | 0.66               | 36           |
| 13.52mm Pyran S - Grey Laminate                            | Grey        | 0.44              | 5.5                | 0.59               | 37           |
| 17.52mm Pyran S - Grey Laminate                            | Grey        | 0.34              | 5.3                | 0.53               | 39           |
| <b>Pyroglass Pyran® S - Acid Etched Laminate</b>           |             |                   |                    |                    |              |
| 11.52mm Pyran S - Acid Etched Laminate                     | Frosted     | 0.90              | 5.5                | 0.82               | 36           |
| 13.52mm Pyran S - Acid Etched Laminate                     | Frosted     | 0.88              | 5.5                | 0.78               | 37           |
| 15.52mm Pyran S - Acid Etched Laminate                     | Frosted     | 0.87              | 5.4                | 0.77               | 38           |
| <b>Pyroglass Pyran® S - White Translucent Laminate</b>     |             |                   |                    |                    |              |
| 11.52mm Pyran S - White Translucent Laminate               | White Trans | 0.31              | 5.5                | 0.51               | 36           |
| 13.52mm Pyran S - White Translucent Laminate               | White Trans | 0.30              | 5.5                | 0.49               | 37           |
| 17.52mm Pyran S - White Translucent Laminate               | White Trans | 0.29              | 5.3                | 0.48               | 39           |
| <b>Pyroglass Pyran® S - Audioshield® Acoustic Laminate</b> |             |                   |                    |                    |              |
| 11.52mm Pyran S - Audioshield Acoustic Laminate            | Clear       | 0.90              | 5.5                | 0.82               | 37           |
| 13.52mm Pyran S - Audioshield Acoustic Laminate            | Clear       | 0.88              | 5.5                | 0.78               | 39           |
| 17.52mm Pyran S - Audioshield Acoustic Laminate            | Clear       | 0.86              | 5.3                | 0.73               | 41           |

Note: Data using centre of glass performance in NFRC standards.

For all single glazed laminate options, Pyran S must be on the surface furthest away from the fire threat.

Australian Glass Group® is the licensed distributor and processor of Schott AG – Pyran® S

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