



### TECHNICAL DATA SHEET SCHOTT PYRAN® Fusion

**SCHOTT PYRAN® Fusion** is a new-age and multi-functional fire-resistant glass designed to meet the requirement of partial insulation and full radiation control up to 120 minutes. PYRAN® Fusion satisfies the new partial insulation norms laid down by the Indian National Building Code 2016 for exit doors and also conforms to the Delhi Schedule of Rates (DSR 2016) glazed fire-rated glass requirements. These glasses are interlayered and are rated for 120 minutes integrity and radiation control (EW 120) and minimum 20 minutes insulation (EI 20). Their bespoke construction type and incorporation of the most advanced technologies and glass type makes them suitable for use in large sizes with extremely thin constructions. Constructed with special glass from SCHOTT, PYRAN® Fusion can provide the required fire-performance with thinner glass constructions and in large glass size formats than the competition.

### TECHNICAL SPECIFICATIONS

Description	Levels (11 mm)	Levels (14 mm)
Glazing Type	Ultra-clear, heat-treated, interlayered and non-wired	
E (Integrity)	Minimum 120 minutes	
EW (Radiation Control)	120 minutes	
EI (Insulation)	Minimum 20 minutes	
Light Transmission	89%	88%
Weight	23 kg/m <sup>2</sup>	23 kg/m <sup>2</sup>
U Value	5.20 W/m <sup>2</sup> K	5.20 W/m <sup>2</sup> K
Sound Insulation	37 dB	39 dB
Impact Rating*	1B1	1B1
Additional Process Compatibility	Ceramic-frit, digitecture™ digital printing, sand-blasting, acid-etching	

\* according to EN12600

### DIMENSIONS

Description	Levels
Minimum Size	200 mm X 300 mm
Maximum Size (11 mm)	1100 mm X 2600 mm or 2.86 m <sup>2</sup>
Maximum Size (14 mm)	1702 mm X 3473 mm or 5.91 m <sup>2</sup>

### UNIQUE SELLING POINTS

Description	Levels
1. High Transparency	2. Fast Service      3. Light Weight