

# TECHNICAL DATA SHEET

## SCHOTT PYRAN® Fusion (FGTDS-FR-20)



PYRAN® Fusion is the latest addition to our vast portfolio of fire-resistant glazing solutions to meet the most demanding and exacting criteria from standards worldwide. The PYRAN® Fusion is a special multi-functional special glass from SCHOTT custom-designed to satisfy the latest fire-glazing requirements in the Indian National Building Code (NBC 2016) and the Delhi Schedule of Rates (DSR 2016). These glasses are interlayered and are rated for 120 minutes integrity and radiation control (EW 120) and minimum 30 minutes insulation (EI 30). 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.

### TECHNICAL SPECIFICATIONS

Description	Levels
Thickness	11 mm
Maximum Glazing Dimensions	1100 mm (W) X 2600 (H) or 2.86 m <sup>2</sup>
Glazing Type	Ultra-clear, heat-treated, interlayered and non-wired
E (Integrity)	Up to 180 Minutes
EW (Radiation Control)	120 Minutes
EI (Insulation)	Minimum 30 Minutes (Best in Class)
Light Transmission	89%
U Value	5.2 W/m <sup>2</sup> K
Sound Insulation	37 dB
Impact Rating*	1B1

\* according to EN12600

### UNIQUE SELLING POINTS

Description	Levels
1. 120 minute comprehensive fire-protection.	2. Extremely bespoke with advanced glass and gel.
3. Enduring transparency and stability.	4. Excellent for both fire and sound protection.
5. Satisfies the highest criteria of impact safety.	6. Made in Germany and customized in India.