



### TECHNICAL DATA SHEET SCHOTT PYRAN® Star

**SCHOTT PYRAN® Star** is a high quality floated glass ceramic for fire resistant glazing. As a UL-certified glass ceramic PYRAN® Star meets the highest US standards for fire-resistance. This requires that the glass withstands thermal shock immediately following exposure to extremely high temperature. In the test, the hot glass is blasted with cold water at a very high pressure from a fire hose. PYRAN® Star offers fire protection up to 90 min in windows and 180 min in doors. The composition of PYRAN® Star is stable and is not sensitive to exposure to UV light rays or heat. The glass ceramic is also available as filmed (PYRAN® Star F) and laminated (PYRAN® Star L) to meet impact requirements.

#### TECHNICAL SPECIFICATIONS

| Fire Rating (mins)                                          | Location              | Max Area | Max Width | Max Height | Min Depth |
|-------------------------------------------------------------|-----------------------|----------|-----------|------------|-----------|
| Up to 90                                                    | Other than doors      | 2.06 m2  | 1930 mm   | 1930 mm    | 15.9 mm   |
| Up to 90                                                    | Doors (temp rise)     | 0.06 m2  | 304 mm    | 838 mm     | 15.9 mm   |
| Up to 90                                                    | Doors (non-temp rise) | 1.77 m2  | 914 mm    | 1930 mm    | 15.9 mm   |
| Appearance: Transparent, wireless (87% light transmission)  |                       |          |           |            |           |
| Additional Process Capability: Can be slightly sand-blasted |                       |          |           |            |           |
| Edge Type: Super polished                                   |                       |          |           |            |           |

#### UNIQUE SELLING POINTS

| Description         | Levels               |                       |
|---------------------|----------------------|-----------------------|
| 1. 180 minutes      | 2. 100% Transparency | 3. Durability         |
| 4. Large Glass Size | 3. Fast Service      | 4. Host Stream Tested |