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Endereço	SCHOTT Technical Glass Solutions GmbH Otto-Schott-Strasse 13 07745 Jena
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PRODUTOS / MÁQUINAS

Borosilicate glass
Lithium aluminium silicate glass

PYRAN® S

This monolithic, thermally tempered borosilicate glass offers exceptional quality of fire-resistant glazing and highly appealing versatility. Thanks to its outstanding optical and mechanical qualities, PYRAN® S can be found performing consistently and reliably in a broad range of landmark buildings across the world, in a wide variety of glazing designs.

CHARACTERISTICS

PYRAN® S can be designed to meet fire-resistance classes E 30 to E 120 and EW 30 to EW 60, while other key assets include clear visibility due to low residual reflection and up to two hours of additional fire protection. A butt-joint system means it can also be used within demanding architectural designs. A special silicone joint is used to join the panes of glass together without a frame. This helps to create light, smooth sheets of glass that are virtually endless, providing a clear view at all times with no disturbing vertical profiles.

YOUR ADVANTAGES

- High transmission in the visible and ultraviolet spectral ranges.
- Brilliant white glass optics, ensuring natural, pure color reproduction.
- Resistant to attack by aggressive environmental factors.
- Suitable for outdoor use with no limitations regarding UV radiation or temperature fluctuation.
- Resistant to abrasive chemical solutions.
- Option to make PYRAN® S anti-reflective on both sides using a dip-coating manufacturing process.
- Easy to use in demanding architectural designs and available in large, smooth sheets of glass for unobstructed views.
- Can also be used as part of a composite with soda-lime or single-pane safety glass, adding extra noise insulation and TRAV-certified impact resistance.

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