SGG ENVISION SGG QUARTZ (SKN 146)

OPTIMUM LIGHT TRANSMISSION WITH ULTRA NEUTRAL APPEARANCE OFFERING ADVANCED OCCUPANT THERMAL COMFORT

SGG QUARTZ





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SGG Quartz is an energyefficient glass engineered for optimum daylighting and superior solar control to ensure enhanced occupant comfort. SGG Quartz is a performance-oriented glass that optimizes daylighting while cutting the heat ingress.

FEATURES

SGG Quartz is a neutral glass designed to lend buildings a quiet sophistication and understated elegance. It is perfect for architecture that is meant to leave a silent, yet impressive impact.

- Ultra neutral appearance
- Low solar factor
- Low U-Value
- **Optimal Light Transmission**
- Optimum internal and external reflections
- Glare free indoors
- UV protection

- THICKNESSES

- Standard thickness of 6mm available
- 8mm, 10mm and 12mm are available on special request

To obtain its performance and aesthetics, SGG Quartz must be

- Tempered /Heat Strengthened
- Assembled into an IGU

SGG Quartz can also be used as

- Laminated units
- Bent units

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- APPLICATIONS

- Structural glazing
- Façade glazing
- Bolted systems
- Curtain wall glazing
- Fenestration applications
- Best suited for iconic facades with extensive glass requirements

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As the world leader in glass manufacturing for the market. construction Saint-Gobain worldwide is committed to provide innovative solutions.

SGG Quartz can add value in occupant comfort. energy efficiency and is a sustainable product with recycled content. This will suit the requirements of green building labelling systems like:



�⊢ SGG Quartz conform to:



products



SAINT-GOBAIN GUARANTEE







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PRODUCT PERFORMANCE

SGG QUARTZ (SKN 146)

6 mm Coated Glass (Coating Face 2) - 12 mm Air Gap - 6 mm Clear Glass

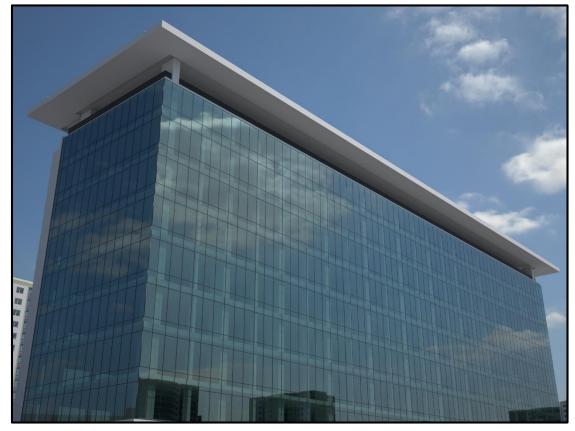
LIGHT FACTORS	(FN)	(EN) ENERGY FACTORS				ENERGY FACTORS	
TRANSMISSION REFLECTION (%)	SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE	(NRFC SOLAI FACTO	SHADING	(NRFC) U-VALUE	
(%) EXTERNAL INTERNAL	SHGC / SF	SC	(W/Sq.m K)	SHGC/	SF SC	(W/Sq.m K)	
40 11 11	0.24	0.27	1.6	0.25	0.29	1.6	

Luminous factors calculated with CIE (15-2004) D65 lighting Conditions

Solar Transmission Characteristics as per EN 410

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SGG QUARTZ UNDER SUNNY CONDITIONS



SGG QUARTZ UNDER OVERCAST CONDITIONS

