

SGG NANO

SGG BLUE HORIZON (KT 764)

ADVANCED SOLAR CONTROL WITH ACTIVE GLARE REDUCTION
OFFERING OCCUPANT PRIVACY



SAINT-GOBAIN

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SGG Nano is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Blue Horizon, an energy efficient glass on a blue tinted base comes with Active Glare Reduction, filtering out glare to provide enhanced visual comfort. It is a product which confluences the best of aesthetics, practical transparency, comfort and optimum lighting features.

FEATURES

SGG Blue Horizon offers excellent inside out-vision while the exterior façade shines in its sheer brilliance.

- Active glare reduction with blue substrate
- Versatile range in aesthetics and performance
- Optimum VLT
- Low reflections
- Advanced solar control
- Advanced thermal protection
- UV protection

PRODUCT PERFORMANCE

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DGU: 6 mm Coated Glass (Coating Face 2) – 12 mm Air Gap – 6 mm Clear Glass



THICKNESSES

- Standard thicknesses of 4mm, 5mm and 6mm are available
- 8mm available on special request



PROCESSING

SGG Blue Horizon is suited for use in double glazed units. To obtain its performance and aesthetics, SGG Blue Horizon can be

- Tempered /Heat Strengthened
- Assembled into an IGU
- Laminated units
- Bent units



APPLICATIONS

- Windows
- Skylights
- Structural glazing
- Façade glazing
- Bolted systems
- Curtain wall glazing
- Fenestration applications.



SUSTAINABILITY

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

SGG Blue Horizon 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 Blue Horizon products conform to:



SAINT-GOBAIN GUARANTEE

AGR
Active Glare Reduction



TO KNOW MORE ON PRODUCT SELECTION, REACH OUT TO US HERE

LIGHT FACTORS

TYPE	TRANSMISSION	REFLECTION (%)	
	(%)	EXTERNAL	INTERNAL
DGU	36	8	9

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

ENERGY FACTORS

(EN) SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.29	0.33	1.9

Solar Transmission Characteristics as per EN 410
Thermal Conductance as per EN 673

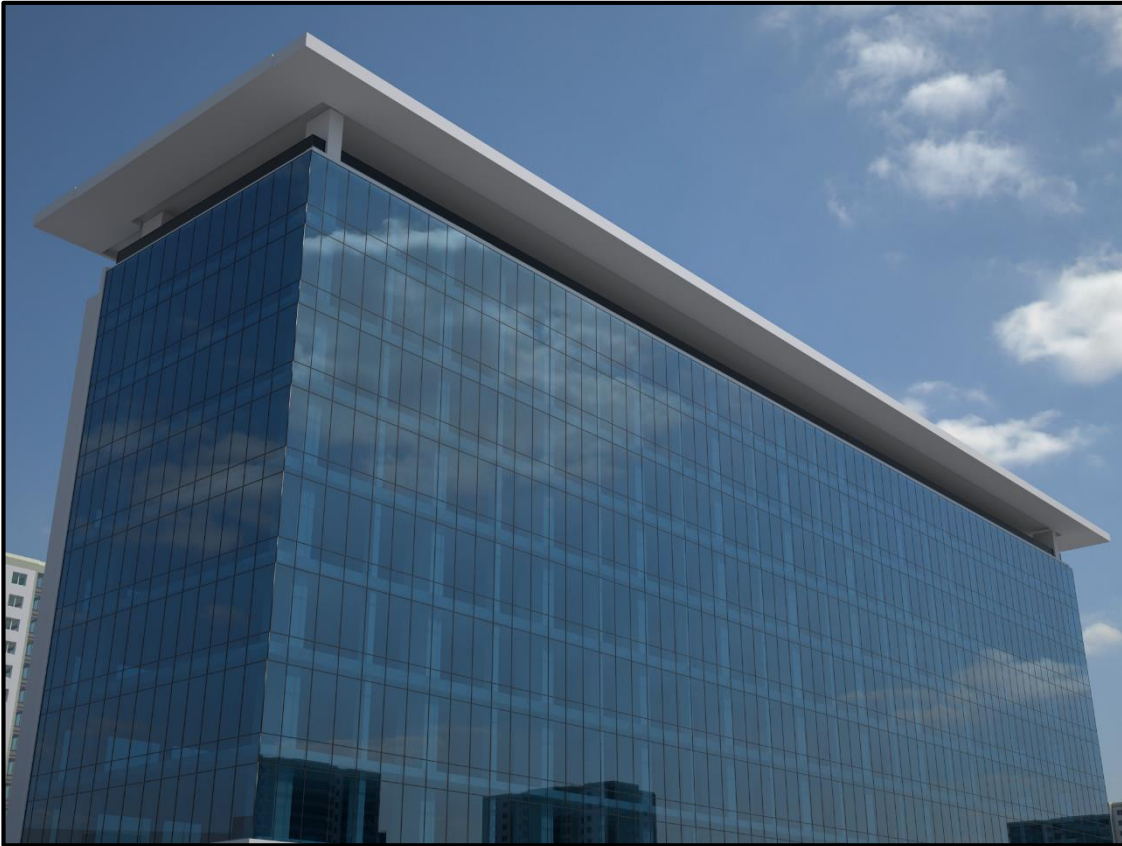
ENERGY FACTORS

(NRFC) SOLAR FACTOR	SHADING CO-EFFICIENT	(NRFC) U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.29	0.33	1.9

Solar Transmission Characteristics as per NFRC 200/300
Thermal Conductance as per NFRC 100

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SGG BLUE HORIZON UNDER SUNNY CONDITIONS



SGG BLUE HORIZON UNDER OVERCAST CONDITIONS

