

SGG NANO

SGG TWILIGHT BLUE (KT 740)

ADVANCED SOLAR CONTROL WITH ACTIVE GLARE REDUCTION
OFFERING OCCUPANT PRIVACY



SAINT-GOBAIN

SGG TWILIGHT BLUE (KT 740)

SGG Nano is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Twilight Blue, 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 Twilight Blue 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
- Low reflections
- Advanced solar control
- Advanced thermal protection
- UV protection



THICKNESSES

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



PROCESSING

SGG Twilight Blue is suited for use in double glazed units. To obtain its performance and aesthetics, SGG Twilight Blue 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 Twilight Blue 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 Twilight Blue products conform to:



SAINT-GOBAIN GUARANTEE

AGR
Active Glare Reduction



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

PRODUCT PERFORMANCE

SGG TWILIGHT BLUE (KT 740)

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

TYPE	LIGHT FACTORS			ENERGY FACTORS			ENERGY FACTORS		
	TRANSMISSION (%)	REFLECTION (%)		(EN) SOLAR FACTOR SHGC / SF	SHADING CO-EFFICIENT SC	(EN) U-VALUE (W/Sq.m K)	(NRFC) SOLAR FACTOR SHGC / SF	SHADING CO-EFFICIENT SC	(NRFC) U-VALUE (W/Sq.m K)
		EXTERNAL	INTERNAL						
DGU	24	12	12	0.2	0.22	1.8	0.22	0.26	1.8

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

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

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

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SGG TWILIGHT BLUE UNDER SUNNY CONDITIONS



SGG TWILIGHT BLUE UNDER OVERCAST CONDITIONS

