

SGG ANTELIO PLUS

SGG BLUE RAY (ST 767)

SOLAR CONTROL GLASS WITH ACTIVE GLARE REDUCTION
OFFERING OPTIMUM DAYLIGHT TO INTERIORS



SGG BLUE RAY (ST 767)

SGG Antelio Plus is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Blue Ray, an energy efficient glass on a blue tinted base comes with Active Glare Reduction, filtering out glare to provide enhanced visual comfort. It also blocks the incoming heat radiation from the sun, while allowing the natural light to filter in

FEATURES

SGG Blue Ray is ideal for residential fenestration requirements and small facades.

- Blue tinted substrate
- True Blue appearance
- Active Glare Reduction
- Optimum light transmission
- Solar control
- UV protection
- Subtle reflections
- Makes the building look very elegant and modern

THICKNESSES

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

PROCESSING

SGG Antelio Plus is suited for use in both single and double glazed units. To obtain its performance and aesthetics, SGG Blue Ray 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 Ray 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 Ray products conform to:



SAINT-GOBAIN GUARANTEE



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

PRODUCT PERFORMANCE

SGG BLUE RAY (ST 767)

SGU: 6 mm Coated Glass (Coating Face 2)

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

LIGHT FACTORS

TYPE	TRANSMISSION	REFLECTION (%)	
	(%)	EXTERNAL	INTERNAL
SGU	42	10	18
DGU	38	12	22

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)
0.46	0.52	5.6
0.36	p.41	2.8

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

ENERGY FACTORS

(NRFC) SOLAR FACTOR	SHADING CO-EFFICIENT	(NRFC) U-VALUE SUMMER
SHGC / SF	SC	(W/Sq.m K)
0.49	0.56	5.7
0.38	0.43	2.7

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

SGG BLUE RAY (ST 767)

SGG BLUE RAY UNDER SUNNY CONDITIONS



SGG BLUE RAY UNDER OVERCAST CONDITIONS

