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 coated advanced 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 with Active Glare comes 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

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

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

- 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

(EN)

SOLAR

FACTOR

SHGC / SF

0.46

0.36

· Fenestration applications.

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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:



(





(NRFC)

SOLAR

FACTOR

SHGC / SF

0.49

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

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

ENERGY FACTORS

(EN)

U-VALUE

(W/Sq.mK)

5.6

28

SHADING

CO-EFFICIENT

SC

0.52

p.41

0.38 0.43 2.7

ENERGY FACTORS

SHADING

CO-EFFICIENT

SC

0.56

(NRFC)

U-VALUE

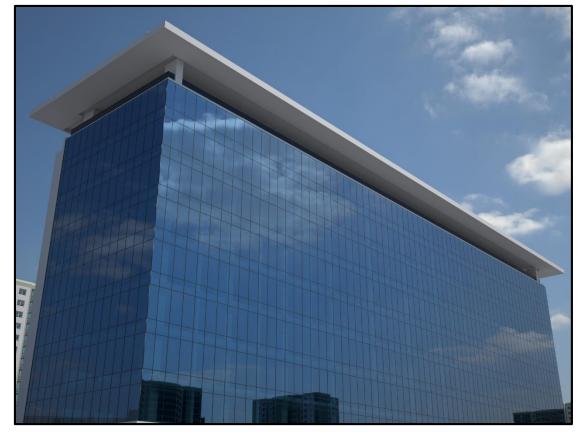
SUMMER

(W/Sq.mK)

5.7



SGG BLUE RAY UNDER SUNNY CONDITIONS



SGG BLUE RAY UNDER OVERCAST CONDITIONS

