

# SGG ANTELIO PLUS

## SGG SPARKLING ICE (ST 167)

SOLAR CONTROL GLASS

OFFERING ABUNDANT DAYLIGHT TO INTERIORS



# SGG SPARKLING ICE (ST 167)

SGG Antelio Plus is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Sparkling Ice blocks the incoming heat radiation from the sun, while allowing the natural light to filter in

## FEATURES

SGG Sparkling Ice is ideal for residential as well as commercial fenestration requirements and small facades.

- High light transmission
- Solar control
- UV protection
- Subtle reflections
- Soothing neutral colour
- Clear High Performance glass
- Makes the building look very elegant and modern



## THICKNESSES

- Standard thicknesses of 4mm, 5mm and 6mm are available
- 8mm, 10mm and 12mm are 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 Sparkling Ice 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 Sparkling Ice 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 Sparkling Ice products conform to:



## SAINT-GOBAIN GUARANTEE

654 PPI

PURITY KA  
PERFECT  
MEASURE.



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

## PRODUCT PERFORMANCE

### SGG SPARKLING ICE (ST 167)

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	67	19	19
DGU	60	22	23

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)
0.68	0.78	5.6
0.6	0.68	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
SHGC / SF	SC	(W/Sq.m K)
0.7	0.8	5.7
0.61	0.7	2.7

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

# SGG SPARKLING ICE (ST 167)

SGG SPARKLING ICE UNDER SUNNY CONDITIONS



SGG SPARKLING ICE UNDER OVERCAST CONDITIONS

