

SGG ANTELIO PLUS

SGG EMERALD GLAZE (ST 467)

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



SGG EMERALD GLAZE (ST 467)

SGG Antelio Plus is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Emerald Glaze is an energy efficient glass on a green tinted base. It blocks the incoming heat radiation from the sun, while allowing the natural light to filter in

FEATURES

SGG Emerald Glaze is ideal for residential fenestration requirements and small facades.

- Green tinted substrate
- Solar control
- High light transmission
- 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 Emerald Glaze 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 Emerald Glaze 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 Emerald Glaze products conform to:



SAINT-GOBAIN GUARANTEE

654 PPI

PURITY KA
PERFECT
MEASURE.



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PRODUCT PERFORMANCE

SGG EMERALD GLAZE (ST 467)

SGU: 6 mm Coated Glass (Coating Face 2)

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

TYPE	LIGHT FACTORS		
	TRANSMISSION (%)	REFLECTION (%)	
		EXTERNAL	INTERNAL
SGU	55	14	18
DGU	50	17	23

ENERGY FACTORS		
(EN) SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.5	0.57	5.6
0.4	0.46	2.8

ENERGY FACTORS		
(NRFC) SOLAR FACTOR	SHADING CO-EFFICIENT	(NRFC) U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.52	0.6	5.7
0.42	0.48	2.7

SGG EMERALD GLAZE (ST 467)

SGG EMERALD GLAZE UNDER SUNNY CONDITIONS



SGG EMERALD GLAZE UNDER OVERCAST CONDITIONS

