# 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 coated advanced 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

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

## H 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.

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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 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:



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PURITY KA PERFECT MEASURE.



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

#### **PRODUCT PERFORMANCE**

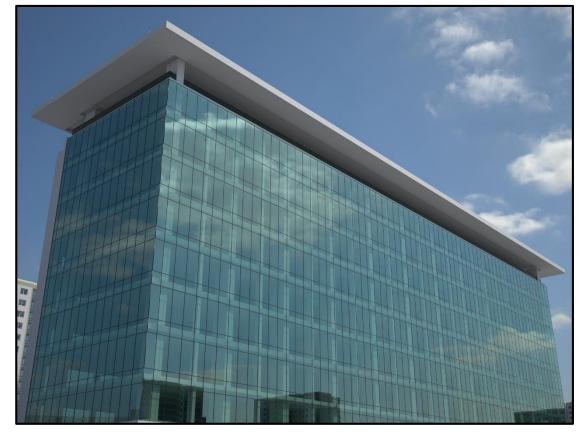
# SGG EMERALD GLAZE (ST 467)

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

			- (EN)	(EN) ENERGY FACTORS			(NRFC)				
ТҮРЕ	TRANSMISSION	REFLECTION (%)			SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE		SOLAR FACTOR	SHADING CO-EFFICIENT	(NRFC) U-VALUE
	(%)	EXTERNAL	INTERNAL		SHGC / SF	SC	(W/Sq.m K)		SHGC / SF	SC	(W/Sq.m K)
SGU	55	14	18		0.5	0.57	5.6		0.52	0.6	5.7
DGU	50	17	23		0.4	0.46	2.8		0.42	0.48	2.7
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SGG EMERALD GLAZE UNDER SUNNY CONDITIONS



# SGG EMERALD GLAZE UNDER OVERCAST CONDITIONS

