

SGG EVO PLUS

SGG EVO PLUS GREEN (ET 435)

ADVANCED THERMAL INSULATION
OFFERING OCCUPANT PRIVACY

WINTER

Choose a glass with low U-Value to keep your living spaces warm.

SGG EVO
ONE SOLUTION FOR ALL SEASONS

SUMMER

Choose a glass with very low Solar Heat Gain Co-Efficient to keep your living spaces cool.

SGG EVO PLUS GREEN (ET 435)

SGG Evo Plus is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Evo Plus Green is an energy efficient glass on a green tinted base. It offers high performance across all seasons.

FEATURES

SGG Evo Plus Green is a cutting-edge product that offers dual advantages of solar protection and thermal insulation in both single and double Glazing applications.

- Green tinted substrate
- Solar control
- Advanced thermal insulation
- Lowest U value in SGUs
- UV protection
- Better night view due to low internal reflection



THICKNESSES

- Standard thicknesses of 5mm and 6mm are available
- 8mm, 10mm and 12mm are available on special request



PROCESSING

SGG Evo Plus Green is suited for use in both single and double glazed units. To obtain its performance and aesthetics, SGG Evo Plus Green 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 Evo Plus Green 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 Evo Plus Green 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 CLEAR COSMOS (ET 435)

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	28	17	7
DGU	25	18	14

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)
0.27	0.32	3.9
0.21	0.24	2.1

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)
0.34	0.39	3.2
0.24	0.28	2.1

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

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SGG EVO PLUS GREEN UNDER SUNNY CONDITIONS



SGG EVO PLUS GREEN UNDER OVERCAST CONDITIONS

