

SGG EVO

SGG GREEN AURA (ET 425)

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 GREEN AURA (ET 425)

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

FEATURES

SGG Green Aura 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 Green Aura suited for use in both single and double glazed units. To obtain its performance and aesthetics, SGG Green Aura 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 Green Aura 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 Green Aura 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 425)

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	23	21	9
DGU	21	21	15

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)
0.25	0.28	3.8
0.18	0.21	2

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)
0.28	0.32	3
0.2	0.22	2

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

SGG GREEN AURA (ET 425)

SGG GREEN AURA UNDER SUNNY CONDITIONS



SGG GREEN AURA UNDER OVERCAST CONDITIONS

