

SGG EVO

SGG EVO PLUS BLUE (ET 735)

ADVANCED THERMAL INSULATION WITH ACTIVE GLARE REDUCTION
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.

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SGG Evo Plus is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Evo Plus Blue, an energy efficient glass on a blue tinted base comes with Active Glare Reduction, filtering out glare to provide enhanced visual comfort. It also offers high performance across all seasons.

FEATURES

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

- Blue tinted substrate
- Active Glare Reduction
- 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 is available on special request



PROCESSING

SGG Evo Plus Blue is suited for use in both single and double glazed units. To obtain its performance and aesthetics, SGG Evo Plus Blue 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 Blue 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 Blue products conform to:



SAINT-GOBAIN GUARANTEE



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

PRODUCT PERFORMANCE

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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	21	12	7
DGU	19	12	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)
0.26	0.29	3.9
0.19	0.21	2.1

Solar Transmission Characteristics as per EN 410
Thermal Conductance as per EN 673

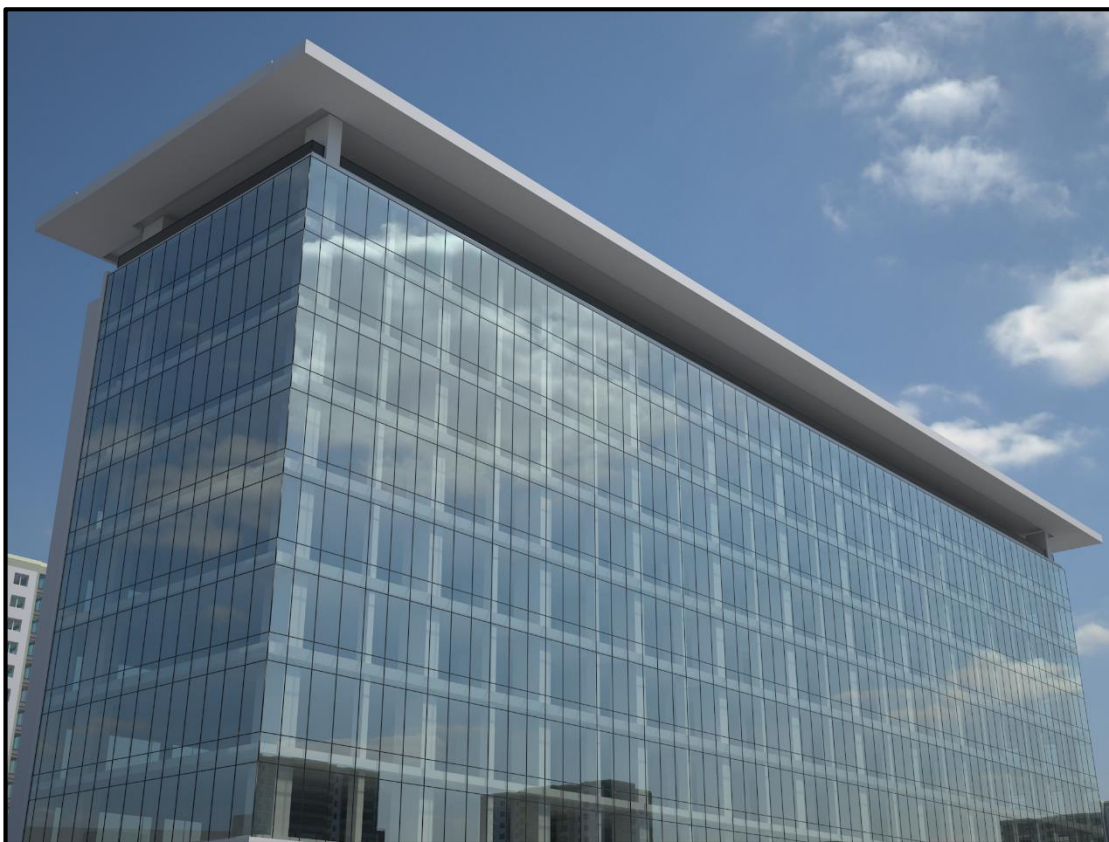
ENERGY FACTORS

(NRFC) SOLAR FACTOR	SHADING CO-EFFICIENT	(NRFC) U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.30	0.35	3.2
0.21	0.24	2.1

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

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SGG EVO PLUS BLUE UNDER SUNNY CONDITIONS



SGG EVO PLUS BLUE UNDER OVERCAST CONDITIONS

