

# SGG EVO

## SGG ORION BLUE (ET 725)

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.



# SGG ORION BLUE (ET 725)

SGG Evo is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Orion 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 Orion 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 4mm, 5mm and 6mm are available
- 8mm is available on special request



## PROCESSING

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



## SAINT-GOBAIN GUARANTEE



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

## PRODUCT PERFORMANCE

### SGG ORION BLUE (ET 725)

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			ENERGY FACTORS			ENERGY FACTORS		
	TRANSMISSION	REFLECTION (%)		(EN) SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE	(NRFC) 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	18	14	9	0.23	0.27	3.8	0.28	0.31	3
DGU	16	14	15	0.16	0.19	2	0.18	0.21	2

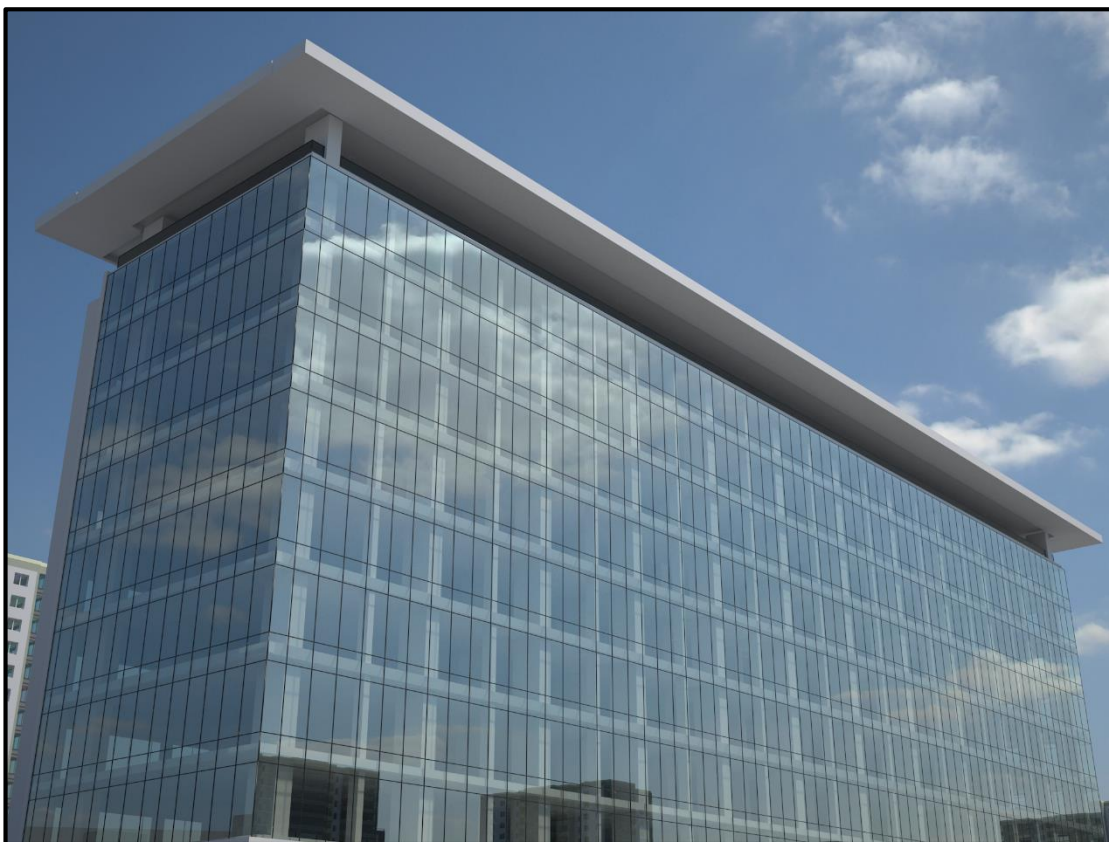
Luminous factors calculated with CIE (15-2004) D65 lighting Conditions

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

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

## SGG ORION BLUE (ET 725)

SGG ORION BLUE UNDER SUNNY CONDITIONS



SGG ORION BLUE UNDER OVERCAST CONDITIONS

