



## sgg ORION BLUE (ET 725)

SGG Evo is an advanced coated glass manufactured by the stateof-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 cuttingedge 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



#### **HTHICKNESSES**

- 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.



## H 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 green building labelling systems like:























## **SAINT-GOBAIN GUARANTEE**





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## **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

ТҮРЕ	
SGU	
DGU	

LIGHT FACTORS		
TRANSMISSION	REFLECTION (%)	
(%)	EXTERNAL	INTERNAL
18	14	9
16	14	15

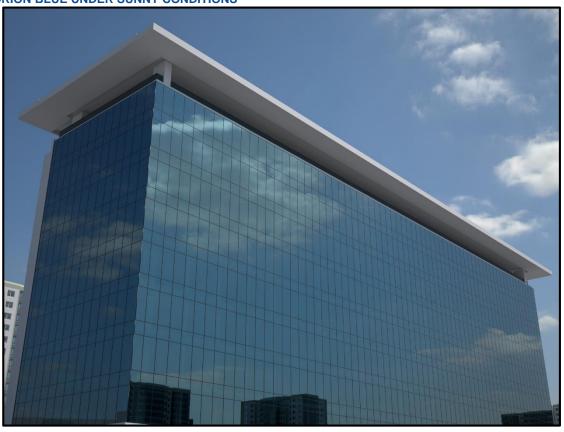
(EN) ENERGY FACTORS			
SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE	
SHGC / SF	SC	(W/Sq.m K)	
0.23	0.27	3.8	
0.16	0.19	2	

(NRFC)	ENERGY FACTORS		
SOLAR FACTOR	SHADING CO-EFFICIENT	(NRFC) U-VALUE	
SHGC / SF	SC	(W/Sq.m K)	
0.31	0.35	3	
0.2	0.23	2	



# sgg ORION BLUE (ET 725)

SGG ORION BLUE UNDER SUNNY CONDITIONS



## SGG ORION BLUE UNDER OVERCAST CONDITIONS

