

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

AGR
Active Glare Reduction



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		
	TRANSMISSION (%)	REFLECTION (%)	
		EXTERNAL	INTERNAL
SGU	18	14	9
DGU	16	14	15

	ENERGY FACTORS		
	(EN) 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

	ENERGY FACTORS		
	(NRFC) SOLAR FACTOR	SHADING CO-EFFICIENT	(NRFC) U-VALUE
	SHGC / SF	SC	(W/Sq.m K)
	0.28	0.31	3
	0.18	0.21	2

SGG ORION BLUE (ET 725)

SGG ORION BLUE UNDER SUNNY CONDITIONS



SGG ORION BLUE UNDER OVERCAST CONDITIONS

