

SGG COOL-LITE

SGG BLUE BREEZE (ST 736)

ADVANCED SOLAR CONTROL GLASS WITH ACTIVE GLARE REDUCTION
OFFERING OCCUPANT COMFORT



SGG BLUE BREEZE (ST 736)

SGG Cool-Lite is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Blue Breeze, 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 occupant comfort with its advanced solar control property.

FEATURES

SGG Cool-Lite offers flexibility in terms of application, thereby suited for varied types of building. SGG Blue Breeze has the following features:

- Blue tinted substrate
- True Blue appearance
- Active Glare Reduction
- Solar control
- UV protection
- Versatility in aesthetics and performance



THICKNESSES

- Standard thicknesses of 4mm, 5mm, 6mm are available.
- 8mm available on special request



PROCESSING

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



SAINT-GOBAIN GUARANTEE

AGR
Active Glare Reduction



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PRODUCT PERFORMANCE

SGG BLUE BREEZE (ST 736)

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	23	12	18
DGU	21	12	22

(EN) SOLAR FACTOR	ENERGY FACTORS	
	SHADING CO-EFFICIENT	(EN) U-VALUE
		(W/Sq.m K)
SHGC / SF	SC	(W/Sq.m K)
0.34	0.39	5.5
0.24	0.27	2.7

(NRFC) SOLAR FACTOR	ENERGY FACTORS	
	SHADING CO-EFFICIENT	(NRFC) U-VALUE
		(W/Sq.m K)
SHGC / SF	SC	(W/Sq.m K)
0.39	0.45	5.6
0.27	0.30	2.6

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SGG BLUE BREEZE UNDER SUNNY CONDITIONS



SGG BLUE BREEZE UNDER OVERCAST CONDITIONS

