

SGG COOL-LITE

SGG BLUE ISLE (ST 708)

ADVANCED SOLAR CONTROL GLASS WITH ACTIVE GLARE REDUCTION
OFFERING OCCUPANT PRIVACY



SGG BLUE ISLE (ST 708)

SGG Cool-Lite is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Blue Isle, an energy efficient glass on a blue tinted base comes with Active Glare Reduction, filtering out glare to provide enhanced visual comfort. In addition to solar protection, it offers occupant privacy with its reflective finish.

FEATURES

SGG Cool-Lite offers flexibility in terms of application, thereby suited for varied types of building. SGG Blue Isle 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 Isle is suited for use in both single and double glazed units. To obtain its performance and aesthetics, SGG Blue Isle 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 Isle 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 Isle products conform to:



SAINT-GOBAIN GUARANTEE



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

PRODUCT PERFORMANCE

SGG BLUE ISLE (ST 708)

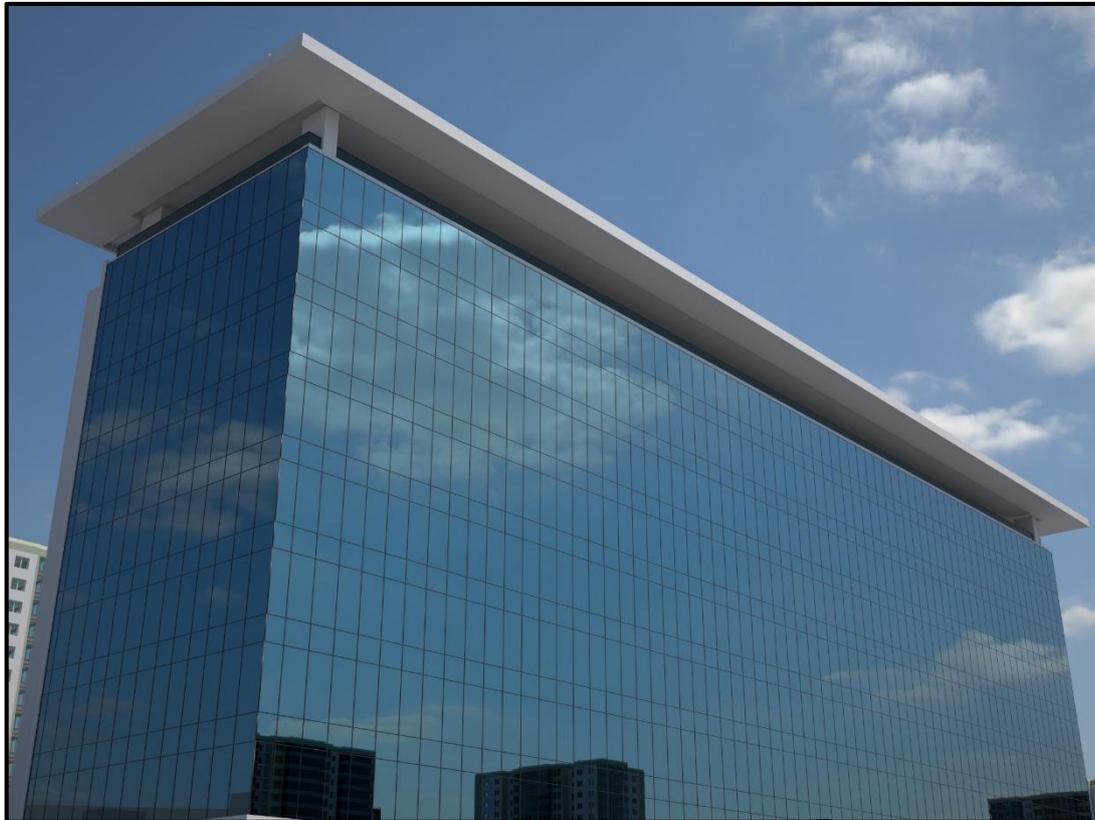
SGU: 6 mm Coated Glass (Coating Face 2)

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 SHGC / SF	SHADING CO-EFFICIENT SC	(EN) U-VALUE (W/Sq.m K)	(NRFC) SOLAR FACTOR SHGC / SF	SHADING CO-EFFICIENT SC	(NRFC) U-VALUE (W/Sq.m K)
		EXTERNAL	INTERNAL						
SGU	6	20	34	0.15	0.18	3.6	0.21	0.24	3.7
DGU	5	20	36	0.09	0.11	1.9	0.12	0.13	1.9

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SGG BLUE ISLE UNDER SUNNY CONDITIONS



SGG BLUE ISLE UNDER OVERCAST CONDITIONS

