

# SGG COOL-LITE

## SGG ROYALE BLUE (ST 750)

ADVANCED SOLAR CONTROL GLASS WITH ACTIVE GLARE REDUCTION  
OFFERING OCCUPANT COMFORT



# SGG ROYALE BLUE (ST 750)

SGG Cool-Lite is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Royale 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 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 Royale Blue has the following features:

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

## THICKNESSES

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

## PROCESSING

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



## SAINT-GOBAIN GUARANTEE

**AGR**  
Active Glare Reduction



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## PRODUCT PERFORMANCE

### SGG ROYALE BLUE (ST 750)

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	32	10	16	0.4	0.46	5.6	0.44	0.5	5.7
DGU	29	11	21	0.29	0.34	2.8	0.32	0.37	2.7

## SGG ROYALE BLUE (ST 750)

SGG ROYALE BLUE UNDER SUNNY CONDITIONS



SGG ROYALE BLUE UNDER OVERCAST CONDITIONS

