

SGG COOL-LITE SGG DEEP GREEN (ST 408)

ADVANCED SOLAR CONTROL GLASS
OFFERING OCCUPANT PRIVACY




SAINT-GOBAIN

SGG DEEP GREEN (ST 408)

SGG Cool-Lite is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Deep Green is an energy efficient glass on a green tinted base. 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 Deep Green has the following features:

- Green tinted substrate
- Solar control
- UV protection
- Versatility in aesthetics and performance



THICKNESSES

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



PROCESSING

SGG Deep Green is suited for use in both single and double glazed units. To obtain its performance and aesthetics, SGG Deep Green can be

- Tempered /Heat Strengthened
- Assembled into an IGU
- Laminated units
- Bent units



APPLICATIONS

- Windows
- 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 Deep Green 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 Deep Green products conform to:



SAINT-GOBAIN GUARANTEE

654
PPM

PURITY KA
PERFECT
MEASURE.



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

PRODUCT PERFORMANCE

SGG DEEP GREEN (ST 408)

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 SUMMER (W/Sq.m K)
		EXTERNAL	INTERNAL						
SGU	7	31	34	0.15	0.18	3.6	0.2	0.23	3.7
DGU	7	31	36	0.09	0.11	1.9	0.12	0.13	1.9

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SGG DEEP GREEN UNDER SUNNY CONDITIONS



SGG DEEP GREEN UNDER OVERCAST CONDITIONS

