



sgg BLUE GREEN (ST 450)

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

- · Green tinted substrate
- Solar control
- UV protection
- · Optimum light transmission
- Versatility in aesthetics and performance



HTHICKNESSES

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



⊢ PROCESSING

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



H SUSTAINABILITY

As the world leader in glass manufacturing for the construction market, Saint-Gobain worldwide is committed to provide innovative solutions.

SGG Blue 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:



















SAINT-GOBAIN GUARANTEE



PURITY KA PERFECT MEASURE.



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

PRODUCT PERFORMANCE

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SGU: 6 mm Coated Glass (Coating Face 2)

DGU: 6 mm Coated Glass (Coating Face 2) - 12 mm Air Gap - 6 mm Clear Glass

| LIGHT FACTORS | | | | |
|---------------|--------------|----------------|----------|--|
| ТҮРЕ | TRANSMISSION | REFLECTION (%) | | |
| | (%) | EXTERNAL | INTERNAL | |
| SGU | 42 | 14 | 17 | |
| DGU | 38 | 15 | 22 | |
| | - | | | |

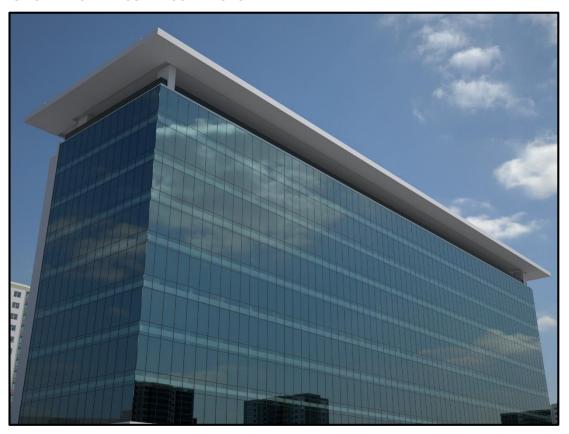
| (EN) ENERGY FACTORS | | | | |
|---------------------|-------------------------|-----------------|--|--|
| SOLAR FACTOR | SHADING CO-EFFICIENT | (EN) U-VALUE | | |
| SHGC / SF | SC | (W/Sq.m K) | | |
| 0.43 | 0.49 | 5.6 | | |
| 0.33 | 0.37 | 2.8 | | |

| | ENIED OVER CEO | | |
|-----------|----------------|------------|--|
| (NRFC) | ENERGY FACTORS | | |
| SOLAR | SHADING | (NRFC) | |
| FACTOR | CO-EFFICIENT | U-VALUE | |
| SHGC / SF | SC | (W/Sq.m K) | |
| 0.46 | 0.53 | 5.7 | |
| 0.35 | 0.4 | 2.7 | |



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SGG BLUE GREEN UNDER SUNNY CONDITIONS



SGG BLUE GREEN UNDER OVERCAST CONDITIONS

