



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

HTHICKNESSES

- 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 To glazed units. obtain 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.



H SUSTAINABILITY

As the world leader in glass manufacturing for the Saintconstruction market, 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:





















∃SAINT-GOBAIN GUARANTEE





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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 | | |
|---------------|---------------------|---|
| TRANSMISSION | REFLECTION (%) | |
| (%) | EXTERNAL | INTERNAL |
| 32 | 10 | 16 |
| 29 | 11 | 21 |
| | TRANSMISSION (%) 32 | TRANSMISSION REFLECT (%) EXTERNAL 32 10 |

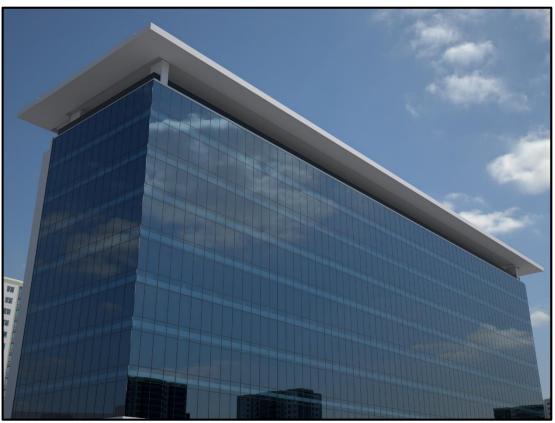
| (EN) ENERGY FACTORS | | | |
|---------------------|-------------------------|-----------------|--|
| SOLAR FACTOR | SHADING CO-EFFICIENT | (EN) U-VALUE | |
| SHGC / SF | SC | (W/Sq.m K) | |
| 0.4 | 0.46 | 5.6 | |
| 0.29 | 0.34 | 2.8 | |

| (NRFC) | ENERGY FACTOR | S |
|-----------|---------------|------------|
| SOLAR | SHADING | (NRFC) |
| FACTOR | CO-EFFICIENT | U-VALUE |
| SHGC / SF | SC | (W/Sq.m K) |
| 0.44 | 0.5 | 5.7 |
| 0.32 | 0.37 | 2.7 |
| | | |



sgg ROYALE BLUE (ST 750)

SGG ROYALE BLUE UNDER SUNNY CONDITIONS



SGG ROYALE BLUE UNDER OVERCAST CONDITIONS

