

SGG COOL-LITE

SGG TRANQUIL BLUE (ST 720)

ADVANCED SOLAR CONTROL GLASS WITH ACTIVE GLARE REDUCTION
OFFERING OCCUPANT COMFORT




SAINT-GOBAIN

SGG TRANQUIL BLUE (ST 720)

SGG Cool-Lite is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Tranquil 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 Tranquil Blue 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 Tranquil Blue is suited for use in both single and double glazed units. To obtain its performance and aesthetics, SGG Tranquil 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 Tranquil 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 Tranquil Blue products conform to:



SAINT-GOBAIN GUARANTEE

AGR
Active Glare Reduction



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

PRODUCT PERFORMANCE

SGG TRANQUIL BLUE (ST 720)

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

| TYPE | TRANSMISSION | REFLECTION (%) | |
|------|--------------|----------------|----------|
| | (%) | EXTERNAL | INTERNAL |
| SGU | 13 | 16 | 27 |
| DGU | 12 | 16 | 30 |

ENERGY FACTORS

| (EN) SOLAR FACTOR | SHADING CO-EFFICIENT | (EN) U-VALUE |
|-------------------|----------------------|--------------|
| SHGC / SF | SC | (W/Sq.m K) |
| 0.26 | 0.3 | 5.2 |
| 0.17 | 0.19 | 2.6 |

ENERGY FACTORS

| (NRF) SOLAR FACTOR | SHADING CO-EFFICIENT | (NRF) U-VALUE |
|--------------------|----------------------|---------------|
| SHGC / SF | SC | (W/Sq.m K) |
| 0.32 | 0.37 | 5.2 |
| 0.2 | 0.23 | 2.5 |

SGG TRANQUIL BLUE (ST 720)

SGG TRANQUIL BLUE UNDER SUNNY CONDITIONS



SGG TRANQUIL BLUE UNDER OVERCAST CONDITIONS

