

# SGG EVO

(Solar and Thermal Insulation Glass)

Clear Cosmos

(ET 125)

Green Aura

(ET 425)

Orion Blue

(ET 725)

# SGG EVO

## The Next Dimension

Change is a constant in Contemporary Architecture. This metamorphosis is reflected in the evolution of Transparent facades, lighter tones of shades and colors, energy efficient buildings, minimal reflection, etc –making today, into a yesterday at the blink of an eye. Presenting EVO – a revolutionary and world class product from Saint-Gobain Glass India that celebrates this dynamic spirit of the modern architectural evolution.

## Welcome to the next dimension

Unmatched. Unparalleled.  
What you Get From SGG EVO

### Single Glazing:

SGG Evo comes with the unique twin features of being used in a single glazed application and also ensuring excellent solar control and thermal insulation properties. The flexibility of using this product in a single glazing application opens up newer avenues of using glass.

### Transparency:

SGG Evo combines the twin requirements of more light and less heat. With optimised light transmission, it is designed to allow more natural light inside thus ensuring optimum lighting for the interiors and cut down the spend on artificial lighting. Transparency also extends spaces and blends interiors with exteriors. Studies have time and again proved that such better controlled environments improve occupants' health, productivity and comfort levels.

### Lighter Shades and Hues:

SGG Evo comes in a range of light shades and hues which accord pleasant appearance to the façade due to lower external reflection. An added advantage of lower external reflection is the true color rendering of the building.

### Energy Efficiency:

Sustainable architecture becoming today's main focus area, the thrust now is on energy efficient "green" materials. SGG Evo has been designed to comply with the requirements of green buildings and ECBC (BEE) norms. SGG Evo is an ideal solution for buildings going in for LEED/IGBC Green rating and TERI-Griha rating.

### Lower Internal Reflection:

SGG Evo's low internal reflection levels helps to maintain clear vision both during daytime as well as night and add to the soothing appearance of the facade resulting in enhanced aesthetics.

### Availability:

SGG Evo is indigenously made from the state-of-the-art Magnetron Coater plant at the World Glass Complex, Sripurumbudur, and thereby ensuring easy availability of the product in India.

## Greens

### SGG EVO | GREEN AURA (ET 426)

#### SINGLE GLAZING

Light Transmission %	22
Light Reflection % (Internal)	10
Light Reflection % (External)	20
Solar Factor	0.24
Shading Coefficient	0.28
U Value W/m <sup>2</sup> .K	3.72

#### DOUBLE GLAZING WITH CLEAR GLASS (6 - 12 - 6)

Light Transmission %	20
Light Reflection % (Internal)	16
Light Reflection % (External)	20
Solar Factor	0.17
Shading Coefficient	0.2
U Value W/m <sup>2</sup> .K	1.94

## Blues

### SGG EVO | ORION BLUE (ET 726)

#### SINGLE GLAZING

Light Transmission %	14
Light Reflection % (Internal)	10
Light Reflection % (External)	14
Solar Factor	0.23
Shading Coefficient	0.27
U Value W/m <sup>2</sup> .K	3.72

#### DOUBLE GLAZING WITH CLEAR GLASS (6 - 12 - 6)

Light Transmission %	15
Light Reflection % (Internal)	16
Light Reflection % (External)	14
Solar Factor	0.16
Shading Coefficient	0.19
U Value W/m <sup>2</sup> .K	1.94

## Naturals

### SGG EVO | CLEAR COSMOS (ET 125)

#### SINGLE GLAZING

Light Transmission %	27
Light Reflection % (Internal)	10
Light Reflection % (External)	27
Solar Factor	0.28
Shading Coefficient	0.33
U Value W/m <sup>2</sup> .K	3.72

#### DOUBLE GLAZING WITH CLEAR GLASS (6 - 12 - 6)

Light Transmission %	24
Light Reflection % (Internal)	16
Light Reflection % (External)	28
Solar Factor	0.22
Shading Coefficient	0.26
U Value W/m <sup>2</sup> .K	1.94

