



## sgg EVO PLUS GREEN (ET 435)

SGG Evo Plus is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Evo Plus Green is an energy efficient glass on a green tinted base. It offers high performance across all seasons.

#### **FEATURES**

SGG Evo Plus Green is a cutting-edge product that offers dual advantages of solar protection and thermal insulation in both single and double Glazing applications.

- · Green tinted substrate
- · Solar control
- · Advanced thermal insulation
- · Lowest U value in SGUs
- · UV protection
- Better night view due to low internal reflection



#### **HTHICKNESSES**

- Standard thicknesses of 5mm and 6mm are available
- 8mm, 10mm and 12mm are available on special request



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

## SUSTAINABILITY

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

SGG Evo Plus 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

### **SGG CLEAR COSMOS (ET 435)**

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	TRA
SGU	
DGU	

LIGHT FACTORS			
TRANSMISSION	REFLECTION (%)		
(%)	EXTERNAL	INTERNAL	
28	17	7	
25	18	14	

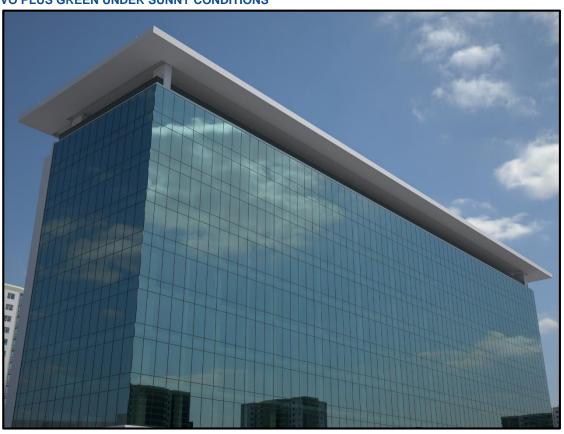
(EN) ENERGY FACTORS		
SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.27	0.32	3.9
0.21	0.24	2.1

ENERGY FACTORS		
(NRFC)	S	
SOLAR	SHADING	(NRFC)
FACTOR	CO-EFFICIENT	U-VALUE
SHGC/SF	SC	(W/Sq.m K)
0.34	0.39	3.2
0.24	0.28	2.1



# sgg EVO PLUS GREEN (ET 435)

SGG EVO PLUS GREEN UNDER SUNNY CONDITIONS



## **SGG EVO PLUS GREEN UNDER OVERCAST CONDITIONS**

