

# SGG EVOLITE

## SGG EVOLITE CLEAR (ET 150)

ADVANCED THERMAL INSULATION  
OFFERING OCCUPANT COMFORT

### WINTER

Choose a glass with low U-Value to keep your living spaces warm.

SGG EVO  
ONE SOLUTION FOR ALL SEASONS

### SUMMER

Choose a glass with very low Solar Heat Gain Co-Efficient to keep your living spaces cool.



# SGG EVOLITE CLEAR (ET 150)

SGG Evolite Clear is an advanced coated glass manufactured by the state-of-art magnetron sputtering process under vacuum conditions. SGG Evolite Clear is an energy efficient glass that offers high performance across all seasons.

## FEATURES

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

- Optimum light transmission
- Solar control
- Advanced thermal insulation
- Lowest U value in SGUs
- UV protection
- Better night view due to low internal reflection

## THICKNESSES

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

## PROCESSING

SGG Evolite Clear is suited for use in both single and double glazed units. To obtain its performance and aesthetics, SGG Evolite Clear 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 Evolite Clear 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 Evolite Clear products conform to:



## SAINT-GOBAIN GUARANTEE

654 PPI

PURITY KA  
PERFECT  
MEASURE.



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

## PRODUCT PERFORMANCE

### SGG EVOLITE CLEAR (ET 150)

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	50	13	11
DGU	45	15	17

Luminous factors calculated with CIE (15-2004) D65 lighting Conditions

#### ENERGY FACTORS

(EN) SOLAR FACTOR	SHADING CO-EFFICIENT	(EN) U-VALUE
SHGC / SF	SC	(W/Sq.m K)
0.5	0.58	5
0.42	0.48	2.5

Solar Transmission Characteristics as per EN 410  
Thermal Conductance as per EN 673

#### ENERGY FACTORS

(NRFC) SOLAR FACTOR	SHADING CO-EFFICIENT	(NRFC) U-VALUE SUMMER
SHGC / SF	SC	(W/Sq.m K)
0.53	0.61	4.4
0.44	0.51	2.6

Solar Transmission Characteristics as per NFRC 200/300  
Thermal Conductance as per NFRC 100

# SGG EVOLITECLEAR (ET 150)

SGG EVOLITE CLEAR UNDER SUNNY CONDITIONS



SGG EVOLITE CLEAR UNDER OVERCAST CONDITIONS

