

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	2.6

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)
0.52	0.5	4.4
0.44	0.6	2.6

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

SGG EVOLITECLEAR (ET 135)

SGG EVOLITE CLEAR UNDER SUNNY CONDITIONS



SGG EVOLITE CLEAR UNDER OVERCAST CONDITIONS

