

SGG COOL-LITE® XTREME 50/22 II

Extremely high selective glass with advanced thermal insulation properties



SGG COOL-LITE® XTREME 50/22 II

Extremely high selective solar control glass

DESCRIPTION

SGG COOL-LITE XTREME 50/22 II is the latest innovation in high performance solar control coatings. The coating is applied to clear float glass by cathodic sputtering under vacuum conditions. SGG COOL-LITE XTREME 50/22 II is the heat treatable triple silver solar control coating on the European market with an outstanding selectivity (ratio of visible light to solar heat gain) of 2.24.

BENEFITS

SGG COOL-LITE XTREME 50/22 II sets a new standard in high selectivity solar control, while retaining the very neutral aesthetics associated with the SGG COOL-LITE range with:

- A high light transmission of 47% to maximise brighter interiors and natural lighting.
- A low solar factor of only 0.21 helps reduce the need for expensive airconditioning.
- An excellent U-value of 1.0W/m²K making it an ideal product for energy savings and improved thermal insulation.
- A degree of neutrality both in transmission and exterior reflection.

SGG COOL-LITE XTREME 50/22 II can be used to create more comfortable interiors by reducing overheating in the summer and heat loss in the winter, while retaining an extremely neutral appearance.

RANGE

Spectrophotometric Properties: DGU 6/16/4	Light Transmission TL(%)	Light Reflection LRe%	Solar Factor g Value	U- Value W/(m ² .K)	Selectivity
SGG COOL-LITE XTREME 50/22 II	47	16	0.21	1.0	2.24
SGG COOL-LITE XTREME 50/22 II Diamant	48	16	0.21	1.0	2.29
SGG COOL-LITE XTREME 60/28 SGG COOL-LITE XTREME 60/28 II	60	14	0.28	1.0	2.14
SGG COOL-LITE XTREME 60/28 Diamant SGG COOL-LITE XTREME 60/28 II Diamant	61	14	0.28	1.0	2.18
SGG COOL-LITE XTREME 70/33 II	70	11	0.33	1.0	2.12
SGG COOL-LITE XTREME 70/33 II Diamant	71	11	0.33	1.0	2.15



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For more information, visit our
website dedicated to Façades:

<http://saint-gobain-facade-glass.com>

APPLICATIONS

SGG COOL-LITE XTREME 50/22 II features an extremely selective solar control coating for use in the commercial and premium building market. Due to the high performance of the coating, it is ideally suited for use in facades or overhead glazing in applications requiring toughened or heat treated glass.

AVAILABILITY

SGG COOL-LITE XTREME 50/22 II is available in

- Sizes: Jumbo size (PLF) 6000 x 3210 mm, Overlength >6000 mm or underlength <4500 mm is on demand=> please request your contact
- Substrate: PLANICLEAR, DIAMANT (on demand)
- Thicknesses: 6, 8 and 10mm (4mm on demand)

INSTRUCTIONS FOR USE

For optimum performance and aesthetics SGG COOL-LITE XTREME 50/22 II must always be toughened or heat-strengthened before assembly into a double-glazed unit. SGG COOL-LITE XTREME 50/22 II must also be edge-deleted and should always be positioned on face 2 of a double or triple glazed unit. Please see the handling guidelines for more information.