



COOL-LITE® XTREME 70/33 & 70/33 II

*Extremely selective solar control coatings
with high light transmission*



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No other high-performance, solar control glass, is as neutral and transparent as COOL-LITE® XTREME 70/33 and 70/33 II.

This exceptional glass floods inside spaces with natural light, whilst blocking two thirds of solar heat. It delivers an outstanding ratio between daylight and solar heat protection, with a selectivity of 2.12.



 **Calumen®**
Saint-Gobain Glass'
Glazing Configurator.



BENEFITS

Neutral aesthetic

COOL-LITE® XTREME 70/33 and 70/33 II meet the current architectural trends, which aim at extreme colour neutrality, transparency and low reflection.

Neutrality is “in”; compromises are “out”! The low external reflection, as well as the colour-neutral, external appearance, combined with extreme selectivity, creates an excellent combination of function and aesthetics.

INDOOR COMFORT

Thanks to its neutral aesthetic, combined with an excellent insulation of the interior and an extremely efficient sun protection all year round, COOL-LITE® XTREME 70/33 (II) creates a bright, friendly atmosphere in the room.

PROCESSING

In order to achieve its performances and aesthetics, COOL-LITE® XTREME 70/33 II must be:

- **Tempered - compatible with Heat Soak Test (only applicable for COOL-LITE® XTREME 70/33 II)**
- **Edge deleted prior to assembling**
- **Assembled into an insulated glazing unit**
- **Positioned on the face 2 (inside the IGU).**

ENERGY EFFICIENCY

Delivering extreme selectivity ($S > 2,1$), COOL-LITE® XTREME 70/33 (II) helps reduce energy costs by lowering the demand for artificial lighting, heating and air conditioning.

With a neutral appearance, lowered reflection and consistent colour, it is ideally suited to fully glazed façades, where energy efficiency and outstanding aesthetics are required.

PERFORMANCE

Type/Colour	Ug-Value* (W/m²K)	Light Transmission TL** [%]	Solar Factor (g-Value)** [%]	Outside Reflection** [%]	Inside Reflection** [%]
6/16/4 mm – coating on face 2, 90% Argon					
COOL-LITE® XTREME 70/33 II (on PLANICLEAR® or ORAE®)	1.0	70	33	11	13
COOL-LITE® XTREME 70/33 II (on DIAMANT®)	1.0	71	36	15	15

*according to BS EN673 **according to BS EN410 ***Values may differ for tempered (II) and annealed coatings with the same glass compositions.



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