



COOL-LITE® XTREME 51/23 & 51/23 II

*Extremely selective solar control coatings
with high light transmission*



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Latest high-performance, triple-silver, solar control glass, designed to strike the perfect balance between natural light and effective solar energy management.

It delivers exceptional selectivity, combining a high light transmission with a remarkably low solar factor, balancing daylight with protection against overheating. The result is a sleek, neutral aesthetic with minimal light reflection - ideal for modern architectural design.



Calumen®

Saint-Gobain Glass®
Glazing Configurator.



BENEFITS

COOL-LITE® XTREME 51/23 (II) offers world-leading selectivity, maximizing natural light intake while minimizing energy consumption; helping to reduce operational costs. It delivers superior solar protection without compromising on natural light, enhancing occupant comfort by ensuring a pleasant indoor climate, making even the sunniest spaces liveable thanks a low solar factor.

REFINED NEUTRAL LOOK

A meticulously designed product, created to look beautiful and perform; aligning perfectly with today's architectural ambitions, it embodies modernity and delivers a new neutral appearance, low reflectivity and consistent colour tone across all viewing angles.

PROCESSING

In order to achieve its performances and aesthetics, COOL-LITE® XTREME 51/23 II must be:

- **Tempered - compatible with Heat Soak Test (only applicable for COOL-LITE® XTREME 51/23 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 ($S > 2,2$), COOL-LITE® XTREME 51/23 (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** [%]
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6/16/4 mm - coating on face 2, 90% Argon

COOL-LITE® XTREME 51/23 II (on PLANICLEAR® or ORAE®)	1.0	51	23	13	18
COOL-LITE® XTREME 51/23 II (on DIAMANT®)	1.0	52	23	13	18

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



SAINT-GOBAIN GLASS

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