

COOL-LITE® XTREME SILVER II

REFLECTIVE SOLAR PROTECTION
EXTREME PERFORMANCE

Source: tomtom design, Aachen; © Saint-Gobain Glass

BUILDING GLASS



SAINT-GOBAIN

COOL-LITE® XTREME SILVER II

REFLECTIVE SOLAR PROTECTION - EXTREME PERFORMANCE

COOL-LITE® XTREME Silver II is the latest innovation, a two-in-one coated glass combining a reflective silver aesthetic with advanced solar protection and reinforced thermal insulation, for the best comfort and energy savings.

Thanks to those extreme performances, this product is an ideal solution to provide energy savings and the best comfort to building occupants, especially in hot climates.

This coating provides a neutral silver look with a high external reflection (30%). In reflection, the environment's colors are faithfully revealed (color rendering index Ra = 95).

The internal reflection remains low (18%), for the building occupants to enjoy breathtaking views with city lights at night.

Thanks to this innovation, the glass building blends in its environment while standing out as a unique piece of art. The reflective and silvery aspect of this product allows the façade to play with its environment, between reflectivity and transparency; as if the building were alive.

AESTHETICS

The high, external reflection (Rle = 30%) as well as the color-neutral exterior view of the triple silver-coated sun protection glasses stands for a successful combination of function and aesthetics. Thus, depending on the architectural design and the technical concept of the technical building equipment or the building physics, it is possible to dispense with stucco-prone and maintenance-intensive systems such as blinds, slats or roller shutters. COOL-LITE® XTREME Silver II is produced regularly on extra-white glass SGG DIAMANT®.

VISUAL COMFORT

Extremely translucent and neutral: for a bright, friendly atmosphere in the room - whatever the season.

INSULATION

Insulates the interior very well, reducing heating costs.

Status 12/2018, Subject to change.

ROOM COMFORT

Highly efficient, optimum sun protection at all times: Reduces the heating of the room by up to 5 °C compared to standard heat-insulating glass and thus the cooling loads, so that air-conditioning systems can be reduced to a minimum.

Type/Color	Ug-Value* [W/m²K]	Light Transmission TL** [%]	Solar Factor** [%]	Reflection outside** [%]	Reflection inside** [%]
Standard build-up CLIMAPLUS® 6 16 4 - coating on face 2, 90% Argon					
COOL-LITE® XTREME Silver II on SGG DIAMANT®	1,0	50	25	30	18
COOL-LITE® XTREME Silver II on SGG PLANICLEAR®	1,0	49	25	30	18
Standard build-up CLIMATOP® 6 12 4 12 4 - coating on face 2 and 5 (SGG PLANITHERM® XN), 90% Argon					
COOL-LITE® XTREME Silver II on SGG DIAMANT®	0,7	46	24	31	20
COOL-LITE® XTREME Silver II on SGG PLANICLEAR®	0,7	45	23	30	20

*according to EN 673 **according to EN410



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