

COOL-LITE® ST BRIGHT SILVER

HIGHLY TRANSPARENT AND
FLEXIBLE SOLAR PROTECTION

Project: Paris Courthouse
Architect: Renzo Piano Building Workshop
Photo: © Laurent Zylberman-Graphix-Images

BUILDING GLASS POLAND



SAINT-GOBAIN

COOL-LITE® ST BRIGHT SILVER

HIGHLY TRANSPARENT AND AESTHETIC SOLAR PROTECTION FOR THE 2ND SKIN

ST COOL-LITE® BRIGHT SILVER member of solar control coatings family has a convincing, extremely high transparency as well as exceedingly aesthetic and neutral reflections, whereby it ensures comfort and serenity within the building. The coating is applied to the SGG DIAMANT® extra-white float glass in the standard way.

The SGG COOL-LITE® ST solar protection glass is really versatile: it can be tempered and bent, or heat-strengthened, or laminated to form multi-layered safety glass, or printed or even enamelled. Its numerous processing possibilities provide huge scope for architectural and technical planning.

This new coating satisfies all of the demands that are made on versatile processing and it enables a huge variety of possible designs to be created as a result, besides its outstanding aesthetics. This coating has been developed primarily for applying to double-layered facades as glazing for the 2nd skin.

CHARACTERISTICS

Aesthetics: It has a neutral, silvery reflection that allows translucency and transparency nevertheless.

Combinations: It can be combined with other glasses unproblematically, in order to ensure functions like thermal insulation, soundproofing or protection against injury.

Processing: High level of architectural and technical flexibility.

- It can be tempered or even heat-strengthened as a single sheet of safety glass.

- It can be processed to make multi-layered safety glass - even with the coating towards the foil.

- It can also be screen-printed or enamelled in addition. Printing is possible on the glass side as well as the coated side.

- It has a particularly high colour-rendering index, not only in transmission but also in the reflection.

CE-identification marking: This label ensures that the product complies with the EU's applicable guidelines and standards.

APPLICATIONS

- for external layer of double-skin façades
- for windows and façades
- for glass louvres
- for spandrels



COOL-LITE® ST BRIGHT SILVER	Light transmission (TL) [%]	g-value [%]	Ug-value [W/m²K]	RL ext [%]	RL int [%]
6/16/4 on PLANICLEAR Pos. #2 + PLT XN #3	62	52	1.1	32	32

PN-EN 673 & PN-EN 410



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