SAINT-GOBAIN
GLASS

SGG COOL-LITE® SKN/SKN II

Neutral solar control glass

BETTER WORKING

The future of habitat. Since 1665.

SGG COOL-LITE® SKN/SKN II

Natural light and pleasant interior climate 365 days a year

The neutral colour of SGG COOL-LITE SKN solar control glazing gives a particularly natural-looking light, both seen from the inside and outside. The perfectly attuned combination of active solar protection, high light transmittance and excellent heat protection ensures ideal interior comfort at any season of the year. SGG COOL-LITE SKN is available in jumbo size (6000 x 3210 mm). If required, made-to-measure, special length and split size sheets can also be provided.

The SGG COOL-LITE SKN II is the "to be tempered" version and can be transformed into SGG SECURIT safety glass. This will allow you to meet the requirements of the building regulations towards safety glass and another benefit is the reduction of the risk of thermal breakage.

Product facts

Aesthetics: Always a translucent view to the surroundings. No irritating and dirt-trapping installations such as blinds/slats/roller shutters. Highly neutral clear view from inside and out, so also suitable for listed buildings.

Effective: Optimal solar protection at all times – even when UV radiation is extremely high.

Visual comfort: High level of light transmittance and a neutral colour. Rooms are much brighter than with external solar protection. The result is a bright and friendly atmosphere with ample light at all seasons.

Indoor comfort: Reduces overheating of the interior by up to 5 °C compared to SGG Planitherm.

Thermal insulation: Effectively insulates the indoor space, thus reducing heating costs.

Product combinations: with SGG STADIP SILENCE (noise reduction) and SGG STADIP PROTECT (injury and burglar protection).

CE marked: Guarantees compliance with all EU directives and standards in the manufacturing process, and thus a high-quality product with consistent high values.

Applications

- Fully glazed facades
- Roof glazing
- Shop fronts and showroom glazing
- Curtain and second-skin facades, for providing neutral-colour solar control.
- All security-relevant areas requiring top-level colour neutrality and optimal U-values.

Standard construction* with float glass (SGG PLANILUX)

Type/colour	IGU thickness (mm)	Ug value (W/m² K)	Light transmission (%)	g value (%)	Light reflectance (%)
SGG COOL-LITE SKN 174/174 II	28	1.1	68	41	11
SGG COOL-LITE SKN 165/165 II	28	1.0	60	33	16
SGG COOL-LITE SKN 154/154 II	28	1.0	50	27	18
SGG COOL-LITE SKN 144 II	28	1.1	40	23	20
SGG COOL-LITE SKN 145	28	1.1	41	22	19
Standard construction* with extra-clear glass (SGG DIAMANT)					
SGG COOL-LITE SKN 074/074 II	28	1.1	71	43	11
SGG COOL-LITE SKN 065/065 II	28	1.0	62	34	17
SGG COOL-LITE SKN 054/054 II	28	1.0	52	28	18

*6/16/6 coating on fase 2

Photograph: EK3 Shopping Centre, Kamp-Lintfort; Architect: bob-architektur BDA; Photography: rohl fotografie

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SAINT-GOBAIN GLASS
Robert Jacobsens Vej 62A
2300 Copenhagen S.
Denmark

Tel: +45 7022 5268
Fax: +45 7022 5259
nordic.saint-gobain-glass.com

Distributor