

COOL-LITE® SKN 175 II

HIGHLY SELECTIVE SOLAR CONTROL COATING
SYMBIOSIS WITH MODERN
ARCHITECTURE



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HIGHLY SELECTIVE SOLAR CONTROL COATINGS



COOL-LITE® SKN 175 II joins the Saint-Gobain Glass range of COOL-LITE® solar control coatings with high light transmission (LT=70% in DGU) combined with a low solar factor (35%), offering outstanding selectivity of 2.00

COOL-LITE® SKN 175 II is a highly selective, solar control glass with leading aesthetics. A product developed to enable adaptability, as we work with our customers and partners to make the world a better home.

PROCESSING

In order to achieve its performances and aesthetics, COOL-LITE® SKN 175 II must be:

- Tempered; compatible with Heat Soak Test
- Edge deleted prior to assembling
- Assembled into an insulated glazing unit
- Positioned on the face 2 (inside the IGU)

COOL-LITE® SKN 175 II can be laminated, taking care to place the coating outside of the laminate (coating on face 4 of the laminated pane).

SYMBIOSIS WITH MODERN ARCHITECTURE

Fulfill the need for glazing that delivers enhanced, sustainable performance, a robust solution to the growing demands for reduced energy consumption and CO2 emissions.

For all applications, offices, mixed use, education or health sectors; offering maximum daylight in all buildings, for new build as well as refurbishment projects.

Diverse way of living and working, in a fast, changing world, hybrid work – Saint-Gobain supports your business with high performance products, tools and services.

Every design, outstanding glazing performance doesn't mean complex processing. A more innovative solar control glass, that's as straightforward to process as existing SKN II products, with the added benefits of EASYPRO®.

PERFORMANCES

	Ug-Value*	Light Transmission LT**	Solar Factor (g-value)**	Outside reflection**	Inside reflection**
	[W/m2K]	[%]	[%]	[%]	[%]
6/16/4 mm - coating on face 2, 90% Argon					
COOL-LITE® SKN 175 II (on PLANICLEAR®)	1.0	70	35	14	15
COOL-LITE® SKN 075 II (on DIAMANT®)	1.0	71	36	15	15
6/12/4/12/4 mm - coating on face 2 + PLANITHERM® XN on face 5, 90% Argon					
COOL-LITE® SKN 175 II (on PLANICLEAR®)	0.7	63	33	16	17
COOL-LITE® SKN 075 II (on DIAMANT®)	0.7	65	33	17	18
6/12/4/12/4 mm - coating on face 2 + ECLAZ® on face 5, 90% Argon					
COOL-LITE® SKN 175 II (on PLANICLEAR®)	0.7	65	33	17	18
COOL-LITE® SKN 175 II (on DIAMANT®)	0.7	66	34	17	18

*according to EN673 **according to EN410



SAINT-GOBAIN GLASS

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