

# COOL-LITE® SKN

183 & 183 II

HIGHLY SELECTIVE SOLAR CONTROL  
OFFERING THE BEST OF DAYLIGHT



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COOL-LITE® SKN 183 & 183 II is Saint-Gobain's latest innovative coated glass, with the highest light transmission in the COOL-LITE® range (LT=75% in DGU) combined with a low solar factor (0,40), high selectivity (S = 1.88) and neutral aesthetics. It is an ideal product for facades in commercial and residential buildings where high daylight income is desired, with no compromise on performance.

## BENEFITS

### DAYLIGHT

Offering the best of daylight with a light transmission of 75%, COOL-LITE® SKN 183 & 183 II fosters improved learning conditions for students in educational facilities, shortened convalescence for patients, or simply better well-being at home.

It is the **only** product in COOL-LITE® range **reaching LT above 70% in TGU** (with DIAMANT® substrate and ECLAZ® in face 5).

### THERMAL COMFORT

This highly selective coated glass brings solar protection at all times and reinforced thermal insulation. Heating and air-conditioning systems can be reduced to a minimum.

### AESTHETICS

Extremely transparent and neutral with a low reflection, the glass façade appears discreet from the outdoors and floods the interiors with light for a bright atmosphere, revealing faithfully the environments' colors.



### PROCESSING

In order to achieve its performances and aesthetics, COOL-LITE® SKN 183 & 183 II must be:

- Tempered (compatible with Heat Soak Test) (only applicable for COOL-LITE® SKN 183 II)
- Edge deleted prior to assembling
- Assembled into an insulated glazing unit
- Positioned on the face 2 (inside the IGU)

Type / Color	Ug-Value* [W/m²K]	Light Transmission LT** [%]	Solar Factor** [g]	Outside reflection** [%]	Inside reflection** [%]
6/16/4 - coating on face 2, 90% Argon					
COOL-LITE® SKN 183 & 183 II on PLANICLEAR	1.0	75	0,40	12	13
COOL-LITE® SKN 183 & 183 II on DIAMANT®	1.0	76	0,41	12	13
6/12/4/12/4 - coating on face 2 + PLANITHERM® XN on face 5, 90% Argon					
COOL-LITE® SKN 183 & 183 II on PLANICLEAR	0.7	68	0,37	14	16
COOL-LITE® SKN 183 & 183 II on DIAMANT®	0.7	69	0,38	15	16
6/12/4/12/4 - coating on face 2 + ECLAZ® on face 5, 90% Argon					
COOL-LITE® SKN 183 & 183 II on PLANICLEAR	0.7	69	0,37	14	16
COOL-LITE® SKN 183 & 183 II on DIAMANT®	0.7	71	0,38	15	16

\*according to EN 673 \*\*according to EN 410



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