

# COOL-LITE<sup>®</sup> SKN 175 & SKN 175 II

*Adapt to perform*

HIGHLY SELECTIVE SOLAR CONTROL COATINGS



# COOL-LITE® SKN 175 (II)

## HIGHLY SELECTIVE SOLAR CONTROL COATINGS

COOL-LITE® SKN 175 and SKN 175 II, respectively the annealed and to-be-tempered versions, are part of the Saint-Gobain Glass range of COOL-LITE® solar control coatings, offering a high light transmission (TL=70%) combined with a low solar factor (35%)<sup>1,3</sup> for an 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.



### ADAPT TO PERFORM

**Adapt to climate change and the need for glazing that delivers enhanced, sustainable performance,** a robust solution to the growing demands for reduced energy consumption and CO<sub>2</sub> emissions.

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

**Adapt to a diverse, new way of living and working,** in a fast, changing world, Saint-Gobain supports your business with high performance products, tools and services.

**Adapt to 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 products, in annealed or to-be-tempered version with the added benefits of EASYPRO®.

### PROCESSING

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

- Tempered; compatible with Heat Soak Test (only applicable for COOL-LITE® SKN 175 II)
- 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).

### RANGE

COOL-LITE® SKN 175 and SKN 175 II, respectively the annealed and to-be-tempered versions, provide similar performance and aesthetics, to answer to every design or safety and security requirements.

They are available in standard sizes and thicknesses on PLANICLEAR®, DIAMANT® and ORAÉ® substrates.

### PERFORMANCES

	Ug-Value <sup>2</sup>	Light Transmission (LT) <sup>3</sup>	Solar Factor (g-value) <sup>3</sup>	Selectivity (LT/g)	Outside reflection (LRe) <sup>3</sup>	Inside reflection (LRI) <sup>3</sup>
	[W/m <sup>2</sup> K]	[%]	[%]	[%]	[%]	[%]
Standard build-up double glazing unit (DGU) 6/16/4 mm - coating on face 2, 90% Argon						
COOL-LITE® SKN 175 and SKN 175 II (on PLANICLEAR® or ORAÉ®)	1.0	70	35	2.00	14	15
COOL-LITE® SKN 075 and SKN 075 II (on DIAMANT®)	1.0	71	36	1.97	15	16
Standard build-up triple glazing unit (TGU) 6/12/4 /12/4 mm - coating on face 2 and PLANITHERM® XN on face 5, 90% Argon						
COOL-LITE® SKN 175 and SKN 175 II (on PLANICLEAR® or ORAÉ®)	0.7	63	33	1.91	16	17
COOL-LITE® SKN 075 and SKN 075 II (on DIAMANT®)	0.7	65	34	1.91	17	18
Standard build-up triple glazing unit (TGU) 6/12/4 /12/4 mm - coating on face 2 and ECLAZ® on face 5, 90% Argon						
COOL-LITE® SKN 175 and SKN 175 II (on PLANICLEAR® or ORAÉ®)	0.7	65	33	1.97	17	18
COOL-LITE® SKN 075 and SKN 075 II (on DIAMANT®)	0.7	66	34	1.94	17	18

<sup>1</sup>In standard configuration 6/16/4mm with coating on face #2 <sup>2</sup>according to EN673 <sup>3</sup>according to EN410; all panes of the IGU with the same substrate.



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OTHER CONFIGURATIONS  
IN OUR ONLINE GLAZING  
CONFIGURATOR



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