

# COOL-LITE K

SELECTIVE SOLAR CONTROL COATINGS  
WITH THERMAL INSULATION



BUILDING GLASS

  
SAINT-GOBAIN



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## SELECTIVE SOLAR CONTROL COATINGS (SINGLE SILVER) WITH THERMAL INSULATION

The COOL-LITE K solar control coatings are selective for better energy savings and providing as much daylight as possible. Thereby sustainably reducing the cooling, heating and lighting effort required; the result is a bright atmosphere and comfortable room temperature – in any season.

### AESTHETICS

Always a clear view to the outside - depending on the architectural design and the technical concept of the building. Neutral from both the interior and exterior (except for KBT 140 [blue], KG 137 [golden], KS 147, KS 138 II [silver]) and thus suitable for listed buildings.

### VISUAL COMFORT

Offers a quite neutral reflection whilst maintaining high light transmission.

### INDOOR COMFORT

Highly efficient, optimum solar protection at all times: Reduces the temperature of the room by up to 5°C compared to standard heat protection glass and therefore reducing the need for air conditioning.

### THERMAL INSULATION

Insulates the interior very well and therefore reduces heating costs.

### COMBINATIONS

SECURIT (toughened safety glass), STADIP (laminated glass), STADIP SILENCE (sound insulation) and STADIP PROTECT (injury and burglary protection)

Type/Color	Ug-Value* [W/m²K]	Light transmission TL** [%]	Solar factor** [%]	ex. reflection** [%]	in. reflection** [%]
Standard composition CLIMAPLUS 6 16 4 - coating on pos. 2 and 3 (PLANITHERM XN) on PLANICLEAR, 90% Argon					
COOL-LITE KBT 140	1,1	37	27	23	14
COOL-LITE KG 137 annealed	1,1	35	27	30	25
COOL-LITE KG 137 tempered	1,1	34	38	33	28
COOL-LITE KN 166 II	1,0	60	39	20	22
COOL-LITE KNT 164	1,1	58	42	13	7
COOL-LITE KNT 154	1,1	48	35	16	7
COOL-LITE KNT 140	1,1	38	27	22	9
COOL-LITE KS 147	1,1	43	30	42	34
COOL-LITE KS 138 II	1,1	37	25	38	17
Standard composition CLIMATOP 6 12 4 12 4 - coating on pos. 2 and 3/5 (PLANITHERM XN) on PLANICLEAR, 90% Argon					
COOL-LITE KBT 140	0,7	33	24	24	16
COOL-LITE KG 137 annealed	0,7	31	24	30	26
COOL-LITE KG 137 tempered	0,7	31	24	33	28
COOL-LITE KN 166 II	0,7	55	34	21	23
COOL-LITE KNT 164	0,7	52	37	14	11
COOL-LITE KNT 154	0,7	43	30	17	11
COOL-LITE KNT 140	0,7	34	24	23	12
COOL-LITE KS 147	0,7	39	27	43	33
COOL-LITE KS 138 II	0,7	33	22	39	19

\*according to EN 673 \*\*according to EN410



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