

# COOL-LITE ST

STANDARD SOLAR CONTROL COATINGS  
OFFERING FULL FLEXIBILITY  
FOR PROCESSING



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BUILDING GLASS



# COOL-LITE ST

## STANDARD SOLAR CONTROL COATINGS OFFERING FULL FLEXIBILITY FOR PROCESSING

Tempering and bending, partial tempering, laminating for safety glass, printing or enamelling: The COOL-LITE ST solar control glass is a real all-rounder. Its numerous processing options open up a wide range of possibilities for architectural and technical planning.

The newest member of the COOL-LITE ST family, COOL-LITE ST Bright Silver, impresses with its extremely high transparency and neutral reflection. With this combination, the product provides both extreme comfort and excellent privacy levels. Unlike the other ST coatings, this coating is applied as standard to extra-white DIAMANT float glass; normal PLANICLEAR float glass is also available on request.

Glass thicknesses and dimensions are available on request.

### AESTHETICS

Provides an undisturbed, neutral view from both indoors and outdoors, making the product suitable for listed buildings.

### VISUAL COMFORT

Offers a neutral silver 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 thus 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 STB 120	1,1	20	18	21	29
COOL-LITE ST 120	1,1	19	17	32	26
COOL-LITE STB 136	1,1	33	28	19	17
COOL-LITE ST 136	1,1	34	28	23	20
COOL-LITE ST 150	1,1	46	38	19	19
COOL-LITE ST 167	1,1	61	49	21	21
COOL-LITE ST Bright Silver	1,1	61	51	32	31
COOL-LITE ST Bright Silver***	1,1	63	52	32	31
Standard composition CLIMATOP 6 12 4 12 4 - coating on pos. 2 and 3 and 5 (PLANITHERM XN) on PLANICLEAR, 90% Argon					
COOL-LITE STB 120	0,7	18	15	21	29
COOL-LITE ST 120	0,7	17	15	32	27
COOL-LITE STB 136	0,7	30	24	19	19
COOL-LITE ST 136	0,7	31	24	23	21
COOL-LITE ST 150	0,7	42	33	20	21
COOL-LITE ST 167	0,7	55	42	22	22
COOL-LITE ST Bright Silver	0,7	56	44	33	30
COOL-LITE ST Bright Silver***	0,7	58	45	34	31

\*according to EN 673 \*\*according to EN410 \*\*\*on DIAMANT



SAINT-GOBAIN BUILDING GLASS

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