

SILVERSTAR Architectural Glass



KBT, Kuwait City (Kuwait)

Low Reflective Solar Control Glass

SILVERSTAR NightVision T

Design requirements for both commercial and residential buildings now require high reflective coated glass products that incorporate excellent solar protection thus ensuring energy savings. SILVERSTAR NightVision T ensures these requirements while incorporating magnetron sputtering technology to give maximum solar protection and excellent aesthetics.

Characteristics

- Superb aesthetics to combine high solar protection and low interior reflection
- Silver blueish external reflection
- Ideal for large and small-scale commercial or residential windows/facades
- Heat-treatable available ensuring short lead times
- Ceramic fritting and coating available on one glass pane
- Standard sizes available from 3210 x 2250mm, -2550mm, -6000mm and -9000mm

SILVERSTAR NightVision T, Double Glazing 6/16/4 Coating Surface 2 & EN2plus Surface 3

Visible					Solar EN 410				EN 673
Light Transmission (%)	Light Reflection ext. (%)	Light Reflection int. (%)	Colour Rendering Index	Colour	Energy Absorption (%)	Solar Factor g EN (%)	g/0.87 SC	Selectivity	Ug W/m ² K (90% Argon)
32	35	7	94	Silver Blue	51	26	29	1.3	1.1

Visible					NFRC 300-2014				
Light Transmission (%)	Light Reflection ext. (%)	Light Reflection int. (%)	Colour Rendering Index	Colour	Energy Absorption (%)	SHGC	Shading Coeff. SC	LSG Ratio	U-Value BTU/hr.ft ² .F (Air)
32	35	7	94	Silver Blue	54	0.26	0.30	1.3	0.25

Color is only indicative and for illustrative purposes and is not part of any specification as it can slightly vary. The indicated values result from insulation glass with EUROFLOAT as the basic glass. Ug-value was determined as per EN 673:2011 for vertical installation. The technical characteristics of the temperable version are adapted to the non-temperable version. They are colour-matched but not the same colour. Annealed options available subject to thermal stress analysis. The performance value shown are nominal and subject to variations due to manufacturing tolerances.