

SILVERSTAR Architectural Glass



Ahmad Ali Abdulla Al Abdulla Tower (UAE)

Solar Control Glass

SILVERSTAR SUNSTOP Blue 50 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 SUNSTOP Blue 50 T ensures these requirements while incorporating magnetron sputtering technology to give maximum solar protection and excellent aesthetics.

Characteristics

- Light 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 SUNSTOP Blue 50 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)	
44	21	14	95	Light Blue	50	36	41	1.2	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)	
44	21	14	95	Light Blue	53	0.35	0.41	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.

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