

SILVERSTAR Architectural Glass



American University - Medical Center, Beirut (Lebanon)

Triple Silver Neutral Enhanced High Performance Glass

SILVERSTAR SUPERSELEKT 35/14 T

Most design requirements for both commercial and residential buildings now require very neutral high light transmission coated glass products that incorporate excellent solar protection thus ensuring energy savings. SILVERSTAR SUPERSELEKT 35/14 T ensures these requirements while incorporating triple silver magnetron sputtering technology to give maximum solar protection and thermal insulation..

Characteristics

- Industry leading selectivity to combine high solar protection and high light transmission
- Blueish external reflection
- Ideal for large and small-scale commercial or residential windows/facades
- Heat-treatable available ensuring short lead times
- Standard sizes available from 3210 x 2250mm, -2550mm, -6000mm and -9000mm

SILVERSTAR SUPERSELEKT 35/14 T, Double Glazing 6/16/4 Coating Surface 2

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)
35	15	22	77	Blue	58	14	16	2.5	1.0

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)
35	15	22	77	Blue	58	0.15	0.17	2.5	0.23

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.