

SILVERSTAR Architectural Glass



Financial Center, Abu Dhabi (UAE)

Interior & Exterior Anti-Reflective Glass

LUXAR F

Most design requirements for both commercial and residential buildings now require very neutral high light transmission coated glass products that incorporate excellent solar protection or thermal insulation thus ensuring energy savings or very low interior / exterior reflections for spectacular views or any of these combined. LUXAR F ensures these requirements while incorporating magnetron sputtering technology.

Characteristics

- Combines high solar protection or thermal insulation with high light transmission and very low reflection
- Neutral external reflection
- Ideal for large and small-scale commercial or residential windows/facades
- Heat-treatable and annealed available ensuring short lead times
- Available in laminated and acoustic laminated and matching spandrel panels
- Ceramic fritting and coating available on one glass pane
- Standard sizes available from 3210 x 2250mm, -2550mm, -6000mm and -9000mm
- Ideal for entertainment areas in sport stadiums, zoos, museums, hotels, restaurants, penthouse apartments and heritage areas that require light reflection limits or showcases

LUXAR F, 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)
95	1	1	97	Neutral	21	74	85	1.3	5.5

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)
95	1	1	97	Neutral	21	0.75	0.86	1.4	0.89

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.

Glas Trösch AG

specification@glaströsch.com

www.glaströsch.com