

Specification Text

Solar Control Low-E
ISOLAR®
Solarlux®



Product Characteristic

Insulating glass unit (IGU) with highly selective and low-emissivity solar protective coatings and low thermal risk of breakage to allow the use of nonthermally prestressed glasses. Neutral optics and low angular dependence of the reflective color.

Insulating glass acc. EN 1279

Solarlux® A51 /// 47.26

Insulating glass unit (from the outside to inside):

Single glass thickness / - type: (or nominal thickness)	6: mm
Coating:	sunbelt A51
Beschichtung position:	2
Insulating glass unit gap:	14 mm
Single glass thickness / - type: (or nominal thickness)	4 mm
Insulating glass unit gap:	14 mm
Single glass thickness / - type: (or nominal thickness)	:4 mm
Coating and position:	advance N34 on #5

Total thickness of insulated glass unit 42 mm
(total thickness made up by nominal thickness and IGU gap)

Glass thicknesses according to static requirements

Technical values according to EN410/EN673:

The following technical values must at least be specified (vertical installation):

Product name	Solarlux® A51 /// 47.26
Heat transfer coefficient (U _g):	0.6 W/(m ² K) acc. EN 673
Light transmission:	47% acc. EN 410
Light reflection outside:	16% acc. EN 410
Solar Heat Gain (g-value):	26% acc. EN 410
Sound insulation R _{w,p} :	38 db acc. EN ISO 717-1
Transm. color rendering index. (Ra):	92 acc. EN 410

Deviating technical values resulting from other glass thicknesses or glass types shall be communicated to the Contractor.

Amount:

Unitt: sqm

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