

Specification Text

Solar Control Low-E
ISOLAR®
Solarlux®



Product Characteristic

Insulating glass unit (IGU) with highly selective and low-emissivity solar control coating(s) combined as a color matched temperable and non-temperable glass coating (oHT).

Insulating glass acc. EN 1279

Solarlux® D50 oHT /// 45.29

Insulating glass unit (from the outside to inside):

Single glass thickness / - type: (or nominal thickness)	6:	mm
Coating:	sunbelt D50 oHT	
Coating 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® D50 oHT /// 45.29	
Heat transfer coefficient (Ug):	0.6	W/(m²K) acc. EN 673
Light transmission:	45%	acc. EN 410
Light reflection outside:	31%	acc. EN 410
Solar Heat Gain (g-value):	29%	acc. EN 410
Sound insulation Rw,p:	38	db acc. EN ISO 717-1
Transm. color rendering index. (Ra):	94	acc. EN 410

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

Amount:

Unitt: sqm