

Specification Text

Solar Control Low-E
ISOLAR®
Solarlux® A-Series



Product Characteristic

Insulating glass unit (IGU) with highly selective and low-emissivity solar protective coatings according to the following arrangement in facade orientation and building level to optimize the light transmission and solar heat gain of the individual building orientations and floors while maintaining a uniform colour appearance of the glass facade.

Insulating glass acc. EN 1279

Application			
	Coating	Orientation	Level
1)	Solarlux® A70 // 70.37		
2)	Solarlux® A60 // 61.33		
3)	Solarlux® A60 // 61.33		
4)	Solarlux® A40 // 43.23		

Insulating glass unit (from the outside to inside):

Single glass thickness / - type: (or nominal thickness)	6:	mm
Coating:	per application	
Coating position:	2	
Insulating glass unit gap:	16	mm
Single glass thickness / - type: (or nominal thickness)	4	mm
Total thickness of insulated glass unit	26	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®	Solarlux®	Solarlux®	Solarlux®	
	A70 // 70.37	A60 // 61.33	A60 // 61.33	A40 // 43.23	
Heat transfer coefficient (Ug):	1.0	1.0	1.0	1.0	W/(m²K) acc. EN 673
Light transmission:	70%	61%	61%	43%	acc. EN 410
Light reflection outside:	13%	14%	14%	22%	acc. EN 410
Solar Heat Gain (g-value):	37%	33%	33%	23%	acc. EN 410
Sound insulation Rw,p:	36	36	36	36	db acc. EN ISO 717-1
Transm. color rendering index. (Ra):	96	96	96	91	acc. EN 410

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

Amount:

Unit: sqm

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