

Specification Text

Bird Protection Glass
ISOLAR®
Ornilux® mikado



Product Characteristic

Insulating glass unit with transparent structured UV reflective coating to reduce the risk of bird window strikes. In addition, combined with solar or thermal low-E coating according to technical performance requirements. Successfully tested at the American Bird Conservancy' and/or Fringilla, Rybachy' flight tunnel test.

Insulating glass acc. EN 1279

Ornilux® mikado E70 ///

Insulating glass unit (from the outside to inside):

Single glass thickness / - type: (or nominal thickness)	6:	mm
Coating Position	E70 #2 / mikado #3 / N34 #5	
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)	:33.2	mm
Total thickness of insulated glass unit	44	mm
<small>(total thickness made up by nominal thickness and IGU gap)</small>		

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	Ornilux® mikado E70 ///
Heat transfer coefficient (Ug):	0.6 W/(m²K) acc. EN 673
Light transmission:	61% acc. EN 410
Light reflection outside:	16% acc. EN 410
Solar Heat Gain (g-value):	35% acc. EN 410
Flight Tunnel Test	- ABC Tunnel Test

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

Amount:

Unitt: sqm

Nov-20