

## 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® D60 oHT /// 53.36

#### Insulating glass unit (from the outside to inside):

|   |                   |    |
|---|-------------------|----|
| Single glass thickness / - type: (or nominal thickness) | 6:                | mm |
| Coating:  | sunbelt D60 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® D60 oHT /// 53.36 |                      |
| Heat transfer coefficient (Ug):      | 0.6                         | W/(m²K) acc. EN 673  |
| Light transmission:                  | 53%                         | acc. EN 410          |
| Light reflection outside:            | 29%                         | acc. EN 410          |
| Solar Heat Gain (g-value):           | 36%                         | acc. EN 410          |
| Sound insulation Rw,p:               | 38                          | db acc. EN ISO 717-1 |
| Transm. color rendering index. (Ra): | 96                          | acc. EN 410          |

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

Amount:

Unitt: sqm