Information about louvre window

All-Glass Look

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With its high-quality all-glass look this louvre window is designed for flush installation in glass façades. Window and slat frames are made of thermally separated aluminium profiles with a frame construction depts of 50 or 60 mm and a frame face width of 38 mm. The visible width of the vertical slat profiles is 33 mm on the inside, the horizontal slat joint is 66 mm on the inside. The All-Glass Look is approved as a natural smoke and heat extraction system according to DIN EN 12101-2:2003.

Louvre blades:

Choice of various insulating glazing options up to a 3-fold insulation glazing with u-values of up to 0.5 W/m²K
Variable slat height: 120 – 400 mm
Total thickness of slats: 42 mm (with a 6 mm thick outer pane)

Sealings:

Lateral with sealing brushes, horizontal profile joints with sealing brushes and EPDM gasket.

Technical specification tested as per DIN EN 12101-2:2003:

- BT50 - Aerodynamic: Cv = 0,53 - 0,58 (opening angle 78°)*
- BT60 - Aerodynamic: Cv = 0,47 – 0,51 (opening angle 64°)*
- Structural stability under wind load WL 2500
- Function at low temperatures: T-20*

* subject to model and size

Technical specification tested as per DIN EN 14351-1:2006+A1:2010:

- Driving rain tightness according to DIN EN 12207:
  BT50 - classification 4A
  BT60 - classification 7A
- Joint permeability according to DIN EN 12208:
  BT50 - classification 3
  BT60 - classification 4
- Wind resistance according to DIN EN 12210:
  BT50 - classification C2
  BT60 - classification C5

Further technical specification:

- BT50 - Airborne sound insulation according to DIN EN ISO 717-1: 41 dB*
- Ball impact resistance according to DIN 18032-3: existing
- Burglar resistance according to DIN EN 1627: BT60 - RC2
- Pendulum impact test with 900 Joule (fall proof)

Further technical data on page 2.

Possible sizes:

Minimum frame width = 300 mm
Maximum frame width = 2000 mm (broader elements are available divided by glazing bars)