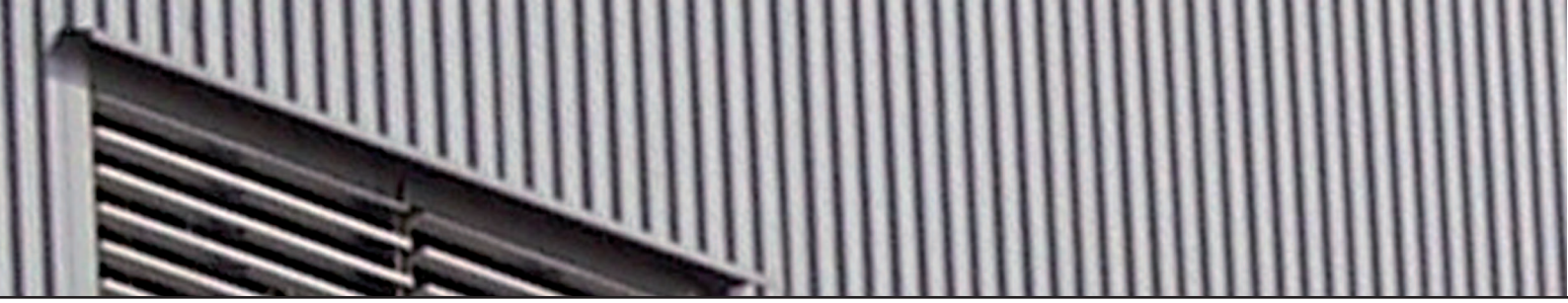

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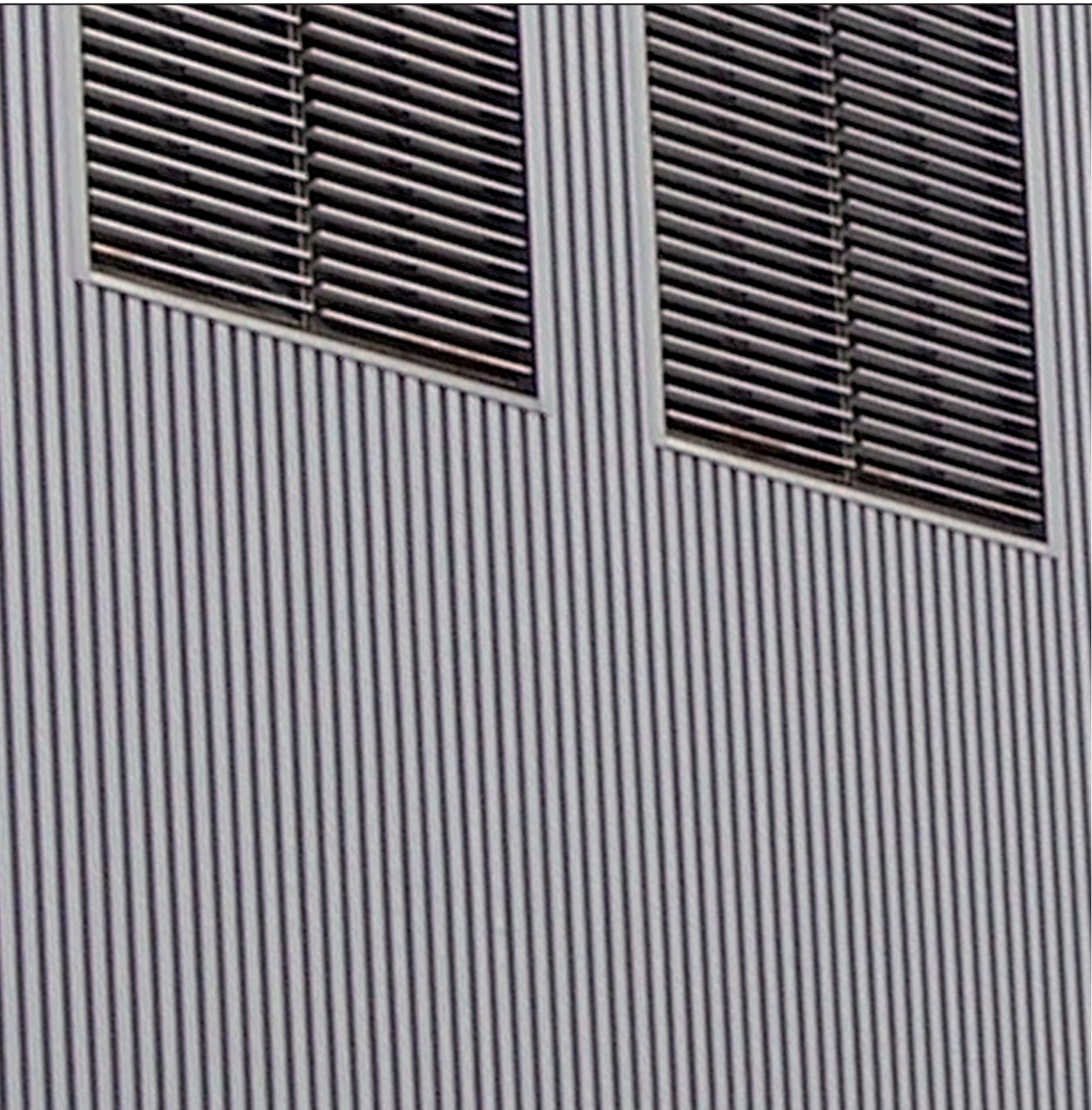
Information about louvre window

TGL ISO SLP BT 50/60



TGL ISO SLP 38 BT50 / 48 BT60

The classy metal look of this highly insulating louvre window system results from its flush-fitting structural shape. Window frame and slats are made of thermally separated aluminium profiles with a frame construction depth of 50 or 60 mm and a frame face width of 38 mm. The TGL ISO SLP is approved as a natural smoke and heat extraction system according to DIN EN 12101-2:2003.

Louvre blades:

Slats are made of thermally separated extruded aluminium profiles with heights of 174, 192, 200, 211, 275 or 344 mm (frame excluded).
Total thickness of slats: BT50 - 38 mm, BT60 - 48 mm.

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 = 0,54 - 0,60 (opening angle 78°)*
- BT60 - Aerodynamic: Cv = 0,48 – 0,52 (opening angle 64°)*
- Structural stability under wind load WL 3000
- 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 7A
  BT60 - classification 7A
- Joint permeability according to DIN EN 12208:
  BT50 - classification 4
  BT60 - classification 4
- Wind resistance according to DIN EN 12210:
  BT50 - classification C5
  BT60 - classification C5

Further technical specification:

- Pendulum impact test with 900 Joule (fall proof)

Further technical data on page 2.

Possible sizes:

Minimum frame width = 300 mm

Maximum frame width = 1800 mm (broader elements are available divided by glazing bars)

Link to TGL ISO SLP 38 BT50 cross section
Link to TGL ISO SLP 48 BT60 cross section