

### construction description

- Louvre windows for installation in vertical facades
- Frame and sash profiles thermally separated,
- Manufactured from a composite of aluminum and PA6.6 / PT profiles
- the slats consist of thermally separated extruded aluminum profiles with a flush look
- the Up value of the slats is 1.6 W/m<sup>2</sup>K
- Louvre windows consist of one or more louvres lying one on top of the other, which open as pivoting sashes via a horizontal axis of rotation. The part of the wing below the axis of rotation opens outwards and the part above it opens inwards. As a rule, the axis of rotation is in the middle of the slat height; can also be postponed up to 1/3 - 2/3 after technical clarification
- Standard with 78° opening angle, if required also from 0° - 90°

### profile dimensions

- Frame depth: 50 mm
- Frame view width: 38 mm

### seals

- laterally with brush seal
- horizontal profile joints with brush and EPDM seal

### fittings

- Fittings are concealed
- made of corrosion-free materials or galvanized

### Possible operations

#### Manually

- hand lever
- articulated crank rod

#### motoric

- 230V - AC
- 24 V - DC (approved for NSHEV)

#### Pneumatic

- Pneumatic cylinder (approved for NSHEV)

**NSHEV**  
CERTIFIED  
EN 12 101-2



### surfaces

- Profiles anodised, powder or wet paint coated in RAL, NCS, DB or special colour

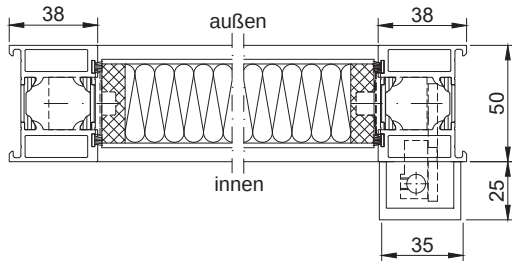
### areas of application

- for ventilation
- as NSHEV according to DIN EN 12101-2
- for installation in vertical facades (further applications after technical clarification)

### Possible sizes

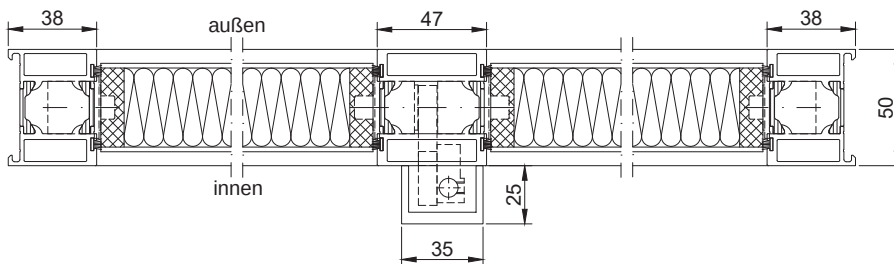
- minimum frame width: 300 mm
- maximum frame width: 1800 mm (wider elements only with division by middle post)
- Slat height fixed: 174, 192, 200, 211, 275, 344 mm

**Horizontal section single row  
(shown without control element)**



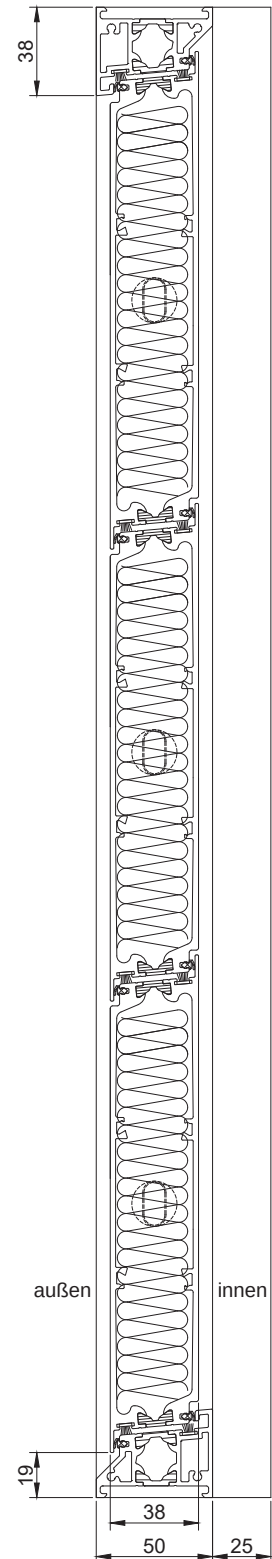
EuroLam louvre windows single row

**Horizontal section in two rows  
(shown without control element)**



EuroLam louvre window double row

**vertical section  
(shown without control element)**



### certifications

**Tested according to DIN EN 14351-1:2006 + A1:2010**

- Joint passage class 4 (DIN EN 12207)
- Driving rain tightness class 7A (DIN EN 12208)
- Wind resistance class C5 (DIN EN 12210)
- Durability Class 3 (DIN EN 1191)

**Tested according to DIN EN 12101-2:2003**

- Aerodynamics (Attachment B)
- Functional safety RE 1000 (Attachment C)
- Function under loads SL 0 (Attachment D)
- Function at low temperatures T(-20) (Attachment E)
- Stability under wind load WL 3000 (Attachment F)
- Heat resistance B 300 E (Attachment G)

**More exams**

- Fall protection (DIN EN 18008-4:2013)