

467

Fire-resistant louvre with horizontal blades, in solid concrete wall

FIRE-RESIS-
TANT LOUVRE



MATERIAL

- Horizontal blades with plastic housing, filled with intumescent material (PALUSOL)
- Outer frame in HDF
- Colour: grey

DIMENSIONS

- Depth to fit: 100 mm
- Blade pitch: 18 mm
- Minimum dimensions W x H: 150 x 100 mm
- Maximum dimensions W x H: 1200 x 800 mm

TARGET

- At normal temperature, guarantees ventilation between two adjacent rooms
- In case of fire, cuts off the airflow and creates a firebreak function

APPLICATIONS

- The intumescence of the blades cuts everything off as from 100°C.
- The louvre acts as a static fire damper for 120 minutes.

TESTED ACCORDING TO EN 1364-1

INSTALLATION

- In solid wall (aerated concrete ≥ 100 mm)
- Secure/seal louvre using plaster/Ytocol

TYPICAL APPLICATIONS

- Fire-resistant constructions

Note: not for outdoor use; avoid contact with water.

TECHNICAL SPECIFICATIONS

All properties are valid for the standard version of the Louvre, unless otherwise stated.

Airflow		[EN 13030]
K-factor [entry]		4.16
K-factor [discharge]		4.06
C _e coefficient		0.490
C _d coefficient		0.496
Technical data		
Visual free area		66.7%
Physical free area		66.7%
Fire classification		[EN 13501-2]
Solid concrete wall (≥ 100 mm)		EI 120 (ve i<->o)

TECHNICAL DRAWINGS

