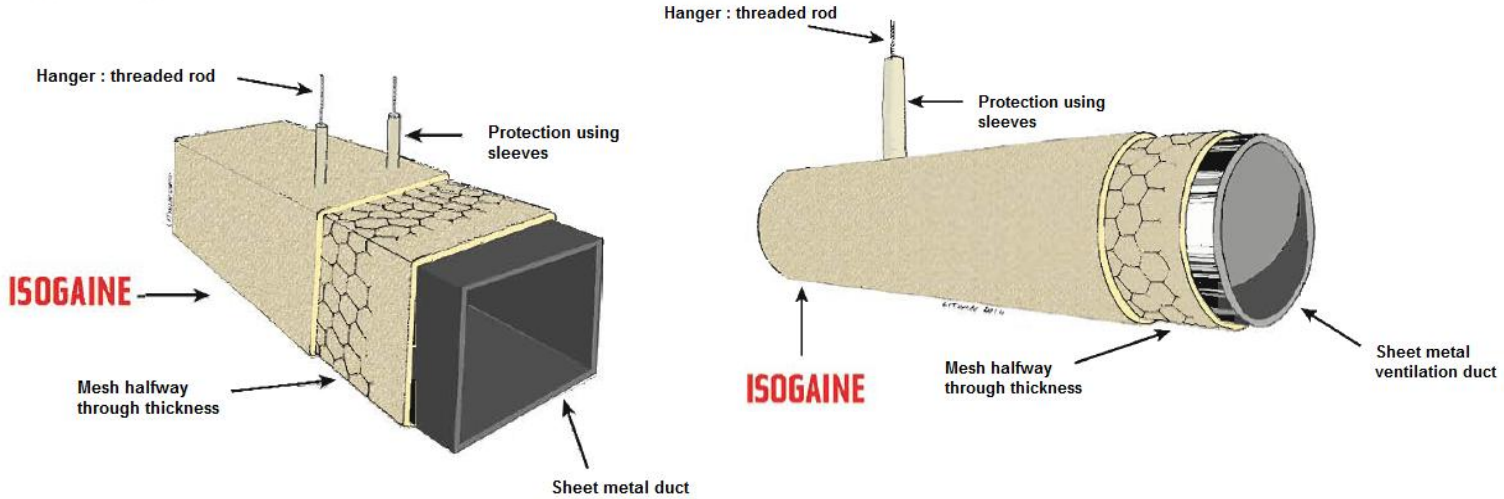


## Field of application



### Fire protection of ventilation and smoke extraction ducts



## Definition

ISOGAINE is a fibrous product made of mineral wool slag, hydraulic binders and additives. Applied wet by direct spraying onto the surface requiring protection (after the creation of a bonding bridge using our primers ISOFIX TS or TS-M), it is designed to provide passive protection against fire affecting:

- horizontal and vertical rectangular sheet metal ventilation ducts
- horizontal circular sheet metal ventilation ducts
- horizontal and vertical rectangular sheet metal smoke extraction ducts

## Technical characteristics

<b>Thickness</b>	between 65 and 81 mm
<b>Volumetric mass</b>	250 kg/m <sup>3</sup>
<b>Ph</b>	around 10
<b>Colour</b>	off-white, rustic and uniform appearance, slightly granular
<b>Finish</b>	rolled or compressed
<b>Reaction to fire, report</b>	A1 French National Laboratory for Metrology and Testing (LNE) no. N020802 DE/8
<b>Resistance to fire, report</b>	No. 12-H-268 – REI 120 – 65 mm Extension 15/1 on report No. 12-H-268 – REI 120 – 81mm No.14-A-000074 – REI 90 – 67 mm REI 120 – 70 mm No. EFR-15-000735 – REI 120 – 71 mm (horizontal) REI 120 – 81 mm (vertical)
<b>Health</b>	not classified as a carcinogen, bio-soluble product complying with European Directive 97/69/EC.
<b>Environment and safety</b>	FDES (environmental and health declaration sheet) and FDS (safety data sheet) available

## Advantages / Properties

- Non-toxic, rot-proof, vermin- and rodent-resistant
- No emission of toxic or dangerous gases in case of fire
- Chemically inert, alkaline reaction
- Does not cause or favour corrosion
- Free from asbestos and crystalline silica

## Application

- Complies with DTU 27.1 (AFNOR Standard P15-202) and with test reports
- Pneumatic projection with water on sound and dry surfaces using a mineral wool applicator machine
- Ambient air temperature and temperature of support > 5°C and < 45°C
- Drying time: between 10 and 20 days in ventilated rooms (initial setting time between 2 and 4 days)
- Bonding primers: ISOFIX TS or TS-M
- Protection of hangers by staff (fibrous plaster) or rock wool sleeves
- Hexagonal mesh halfway through thickness

## Appearance / Storage

- Ready-to-use product in the form of sized nodules containing additives
- Packed in polyethylene bags each weighing 25 kg on shrink-wrapped wooden pallets
- Pallets measuring 0.80 x 1.20, 8 rows of 3 bags, i.e. 24 bags or 600 kg/pallet
- Bags and pallets marked for traceability
- Maximum storage period: 8 months protected from moisture and adverse weather conditions