

Joint sealing tape, highly elastic, hot-air-weldable

Characteristics

IMBERAL® FAB 89ZH is a highly elastic, hot-air-weldable joint sealing tape with good resistance to chemicals. Its special edge structure allows it to be very easily embedded into the corresponding sealing compound.

Use

IMBERAL® FAB 89ZH is used to cover and seal structural joints of buildings as well as expansion and construction joints in areas in contact with the soil. It is usually bonded to the building part with a polymer-modified thick bituminous coating or with an elastic waterproofing slurry.

Areas of application:

- Structural joints of buildings
- Expansion joints
- Waterproofing with polymer-modified thick bitumen
- Waterproofing with flexible waterproofing slurry

Specifications

Roll	15 m x 240 mm
Thickness	approx. 1.2 mm
Delivery form	single rolls
Colour	grey
Made of	ageing-resistant elastomer
Temperature resistance	-30 °C to +90 °C
Max. tensile force	longitudinal: 215 N transverse: 61 N
Burst pressure	approx. 4,2 bar
Chemical resistance	
Hydrochloric acid 3 %	
Sulphuric acid 35 %	resistant
Citric acid 100 g/l	resistant
Lactic acid 5 %	resistant
Potash lye 20 %	resistant
Sodium hypochloride 0.3 g/l	conditionally resistant
Salt water (20 g/l sea salt)	resistant resistant

Quantity required

Per linear meter	1 m
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Preparation of the surface

The substrate must be prepared according to the processing instructions of the sealant and/or adhesive to be used. As a rule, substrates must be firm, sound and free of dust, dirt and other adhesion-inhibiting substances.

Application

1. Cut off the required length of tape.
2. Precoat the joint faces, e.g. with a polymer-modified thick bituminous coating. Press the fleece edges of the tape into the wet sealing just applied.
3. Then coat the tape edges with a polymer-modified thick bituminous coating or a similar sealant. Make sure that the grey area is also covered to a width of about 2 cm wide.
4. To glue the joint sealing tapes to each other, use a hot-air dryer to heat the plastic of the tape until it starts to liquefy. Press the second tape into this liquefied plastic (use a solid sheet or plate underneath). Once the plastic has cooled down, the connection is watertight and guarantees tensile strength.
5. If the tape is subject to tensile forces, it is recommended to use epoxy resin **HADALAN® MBH 12E** together with Stellmittel, **HADALAN® SM 57DD** to glue the tape to the substrate.
6. After finishing the waterproofing works, remove the fleece cover from the joint sealing tape to achieve a clean and precise joint appearance.
7. Always protect sealed joints before filling, so that no compressive and/or tensile forces could act upon the tape.

hahne system products

HADALAN® MBH 12E
HADALAN® SM 57DD
hahne building waterproofings

Important notes

- Make sure that the edges of the tape are uniformly
- Do not cover the tape completely with the corresponding sealant, but leave an adequately sized expansion zone uncovered.
- To prevent cracking or detachment of the adhesion region, do not allow tensile forces to be transmitted to the tape.
- Before filling up the foundation trench, protect the joint sealing tape with adequate protection systems.
- As a rule, follow the processing instructions specified on the corresponding sealant used.
- In areas not covered by earth, the joint sealing tape must be protected against the effects of weathering. Make sure that this protection does not impair the function of the tape.

Ingredients

Elastomer, fleece

Safety provisions/recommendations

No special measures required.

Disposal

The local waste removal regulations must be observed.

Manufacturer

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