

FAB Joint sealing tape 89ZH

Joint sealing tape, highly elastic, hot-air weldable



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application and processing.

PRODUCT INFORMATION

Description

IMBERAL® FAB 89ZH is a highly elastic, hot air-weldable sealing tape with a removable non-woven strip and good chemical resistance. The special edge structure ensures very good integration into the respective sealing compound.

Application

- for covering and sealing construction joints, expansion joints and construction joints in areas in contact with the ground
- bonding to the component, usually with KMB or elastic sealing slurry

Operational area

- Structural separation joints
- Construction joints
- Waterproofing with KMBs
- Sealing with mineral flexible sealing slurries

Properties

- good chemical resistance
- highly elastic
- hot-air weldable

Technical Data

Available container sizes	15 m/roll (15 m x 240 mm) 30 m/roll (30 m x 400 mm)
Material strength	1,2 mm
Colour	grey
Bursting pressure	approx. 4,2 bar
Maximum tensile force longitudinal	215 N / 15 mm
Maximum tensile force transverse	61 N / 15 mm
Temperature resistance	-30°C to +90°C
Chemical resistance	resistant to: hydrochloric acid 3%, sulphuric acid 35%, citric acid 100g/l, lactic acid 5%, sodium hypochlorite 0.3 g/l, salt water (20g/l sea salt) / limited resistance to: caustic potash solution 20%
Consumption	1 running meter/m



SUBSTRATE

Properties/tests

- The substrate must be prepared in accordance with the processing guidelines of the waterproofing and/or bonding material to be used. As a rule, the substrate must be load-bearing and free of dust, dirt and other adhesion-reducing substances.

AREAS OF APPLICATION AND PROCESSING

Applying

- Cut the required length of tape.
- Pre-fill the joint edges, e.g. with KMB. Press the edges of the tape into the fresh waterproofing.
- Then coat the edges of the tape with KMB or similar. The grey plastic should be covered in a width of about 2 cm.
- To glue the tapes together, heat the plastic with a hot air gun until it liquefies. The second part of the tape is pressed into this liquid plastic (use a firm base). When it has cooled down, the connection is tension-proof and watertight.
- If tensile forces are transmitted to the tape, it is recommended to bond the tape to the substrate with epoxy resin HADALAN® MBH 12E in combination with actuator HADALAN® SM 57DD.
- After completion of the waterproofing work, peel the fleece cover off the joint cover tape to achieve a clean and accurate joint appearance.
- The joint seal must always be protected before backfilling so that no compressive and/or tensile forces can act on the tape.

NOTES

System products

- HADALAN® MBH 12E
- HADALAN® SM 57DD
- hahne construction waterproofing

To be observed

- Ensure homogeneous binding of the tape edges.
- Do not completely cover the joint tape with the respective waterproofing, leave a sufficiently large expansion zone.
- Tensile forces should not be transmitted to the tape to avoid tearing or cracking in the bonding zone.
- The joint tape must be protected with suitable protective systems before backfilling the excavation pit.
- Observe the processing instructions of the respective waterproofing product used.
- In areas that are not covered with soil, the joint cover strip must be protected from the weather. Make sure that the protection does not restrict the functionality.

Ingredients

- Ageing resistant elastomer
- Fleece

Occupational safety / Recommendation

- No special measures required.

Disposal

- Can be disposed of as recyclable waste in accordance with local regulations.

Producer

Sievert Baustoffe SE & Co. KG
Mühlenschweg 6, 49090 Osnabrück
Tel. +49 2363 5663-0, Fax +49 2363 5663-90
hahne-bautenschutz.de, info-hahne@sievert.de

The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.