

FORCE-FITTING JOINT SHEET



- > easy and quick installation
- > water pressure-tight
- > galvanised with mounting bracket or with angled hinge

Product description

Galvanised steel band coated on both sides with fabric-reinforced butyl rubber, also coated on both sides with a tearproof, easily removable silicon protection paper separated in the middle. The butyl rubber coating reacts with a component of the fresh cement paste. The hardened concrete therefore adheres positively with the joint sheet. For joint sealing in concrete construction. In the flexible butyl rubber coating, movements caused by shrinkage deformations of the concrete are dissipated.

Benefits:

- easy and quick installation
- connect simply by pressing together
- extremely high cohesive adhesion
- no fixing bracket required in joint area
- water pressure-tight connection
- good adhesion on fresh cement paste
- high adhesive force, even at low temperatures

Delivery format

| Container | Outer packaging | Pallet |
|--------------|-----------------|---------|
| 2.3 M / STK | 30 | 600 STK |
| 40 STK / STK | 40 | 800 STK |

Storage

Can be stored frost-free, cool, and dry on wooden shelves in the unopened original container for unlimited shelf life.

Processing

Processing

Installation step 1:

Mount mounting bracket with tie wire or binding wire on the upper reinforcement layer in the middle between the rising reinforcement. Distance of the mounting bracket approx. 1.5 m and 3 pieces each per 4 sqm.

86720, FORCE-FITTING JOINT SHEET, valid from: 20.06.2024, Nicole Zeiml, Page 1

Sealing Technology

Installation step 2:

Pull off half of the protective film. Initially leave the protective film in the overlap area. This prevents accidental sticking together during installation. Remove this part of the protective film in the course of joining the individual elements. Prepare corner areas by simple edging.

Installation step 3:

Push individual elements into the mounting bracket. Leave half of the protective film in the upper area. Thus the upper area remains clean during concrete pouring. The individual elements are joined by pressing together (overlap min. 8 cm). The use of fixing brackets is not required in joint areas. For a water pressureproof connection, it must be ensured that the adhesion point is clean and is produced with sufficient contact pressure over the entire area. Corners and curves in the joint can be implemented by simply bending the joint sheet. Concreting depth min. 3 cm.

Remove the second layer of protective film before the next concreting process to avoid contamination of the coating surface. Adhesive connections (joint sheet / joint sheet) already implemented can now only be separated by destroying the surface coating.

Technical data

| | |
|------------------------|-----------------|
| Processing temperature | -5 °C to +30 °C |
| Concreting depth | min. 3 cm |
| Length | 2300 mm |
| Width | 150 - 130/20 mm |
| Thickness | 1,8 mm |

Test certificates

Tested in accordance with (standard, classification ...)

Erfolgreiche Prüfung auf Druckwasserbeständigkeit lt. MA 39. Die Prüfung erfolgte auf dreiwöchiger Testbasis, sowie als Langzeittest.

Substrate

Suitable substrates

The substrate is load-bearing and free of intrinsic and foreign substances as well as substances that have a separating effect, burrs or sharp edged unevennesses and soil. Defects such as cavities, masonry joints, mortar pockets, gravel pockets up to 5 mm depth can be levelled out via scratch coating. Deeper defects are levelled out with suitable reprofiling mortar. The substrate may be moist but not wet.

Product and processing instructions

Material information:

- If processing outside the ideal temperature and/or humidity range the material properties could change markedly.
- Bring the materials to the proper temperature before processing!
- In order to maintain the product properties, do not add any foreign materials!
- Water dosing quantities or dilution information must be strictly adhered to!
- Check tinted products for colour accuracy before application!
- Colour consistency can only be guaranteed within the same batch.

86720, FORCE-FITTING JOINT SHEET, valid from: 20.06.2024, Nicole Zeiml, Page 2

Sealing Technology

- The colour formation is significantly impacted by the environmental conditions.

Environmental information:

- Do not process at temperatures below +5 °C!
- The ideal temperature range for the material, substrate and air is + 15 °C to + 25 °C.
- The ideal relative humidity range is 40% to 60%.
- Increased air humidity and/or lower temperatures may prolong the drying, setting and hardening time, while lower air humidity and/or higher temperatures will speed it up.
- Ensure adequate ventilation during the drying, reaction and hardening phase; avoid draughts!
- Protect against direct sunlight, wind and weather!
- Protect adjacent components!

Tips:

- We recommend using a test surface first or a small area for initial, small-scale testing.
- Please heed the product data sheets of all MUREXIN products used in the process.
- Keep a genuine original container of the respective batch for later repair work.

The information provided reflects average values that were obtained under laboratory conditions. Due to the use of natural raw materials, the indicated values of individual deliveries may vary slightly without impacting the product suitability.

Safety instructions

Please refer to safety data sheet for product-specific information with regard to composition, handling, cleaning, corresponding actions and disposal.

This leaflet is based on extensive experience, is intended to convey the best of our knowledge, is not legally binding and does neither constitute a contractual legal relationship nor a subsidiary obligation resulting from the bill of sale. The quality of our materials is guaranteed within the framework of our general terms and conditions. Our products may be used by professionals and/or experienced and accordingly technically skilled persons only. Users are not released from inquiring in case of uncertainties or from rendering professional workmanship. We recommend using a test surface first or a small area for initial, small-scale testing. Naturally, it is not possible to describe or foresee all possible current and future uses and peculiarities. Information that is assumed to be familiar to experts has been omitted.

Please observe the current, technical, national and European standards, guidelines and data sheets regarding materials, substrates and the subsequent construction. Please contact us if you have any reservations or doubt.

This version is rendered invalid if a new version is released. The most recent data sheets, safety data sheets and the terms and conditions are available online at www.murexin.com.