

Technical Datasheet

Hanno[®]-3E-Foil Adhesive MS

Product description

1-component sealing and adhering compound.
Basis: moisture-hardening MS-polymers, neutral interlacing.

Component of the Hanno[®]-3E-Joint Sealing System with 10 year functional warranty (on supplier terms)

Product properties

- very good adherence to Hanno[®] foil tapes and conventional building substrates
- rainproof after a short time
- can be used with moist substrates
- good working in cold conditions
- odourless
- permanently elastic
- fast through hardening
- can be painted over



Areas of application

- The adhering of Hanno[®] foil tapes to concrete, stone, plaster, wood, solid coats of paint, metal, diverse synthetic material, etc.
- Also for the sealing of joints in structural engineering (not covered by DIN 18540).

Instructions for use

The adhesive surfaces must be clean, dry and capable of bearing. Dust, grease, oil and loose parts must be removed. A prime coating with diluted adhesive improves the adherence to critical substrates.

Can be used at temperatures down to -10 °C, but curing takes much longer. Complete curing only at temperatures above +5°C. Full working strength only after complete curing. The surface should be free of condensing water and ice. Make preliminary tests if the temperature of the structure is below +5°C and the film is installed on non-absorbent base.

Also a good adhesion to moist (not wet) surfaces.

Apply a continuous (air tightness is to be achieved!) caterpillar of glue to the substrate and press the material which is to be adhered against it. Do not press too hard: the adhesive layer must have a minimum residual thickness of 1 mm. The gluing should be carried out throughout (refer to the Assembly Manual/TR 20, RAL, ift Rosenheim).

The required movement accommodation is to be enabled by adding suitable material. Adhesions cannot be fully subjected to loads during through hardening (depending on the temperature and moisture).

Disposal

Do not dispose of residues in the drain or WC, but dispose of them at the problem waste collection point or return it to the last seller. Do not dispose of it in the household waste. The local waste disposal regulations are to be adhered to.

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Form of delivery

Colour: white in 600 ml foil tube, box contents: 12, 1 pallet=60 boxes

Special instructions

The permissible overall deformation and the correct joint dimensions must be taken into account in order to ensure a perfect functioning of the adhering. The use with alkyd resin varnishes can result in drying delays. Plaster and coats of paint must be sufficiently set (normally a minimum of 10 days).

Safety instructions

Not a hazardous material in the meaning of the Hazardous Material Regulations from 1986. Keep out of reach of children. Keep the container firmly closed in a well-ventilated place. Keep it away from food, beverages and feedstuffs. Do not eat, drink and smoke when processing. Protect your skin and eyes. Get medical attention immediately if you swallow the product or it gets into your eyes. Produce packing or label for information.

Technical Data

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| Density at 23 °C | | 1,54 ± 0,1 g/cm ³ |
| Shore A hardness | DIN 53505 | 26 ± 2 |
| Skin forming duration | 23 °C/50%rF | ca. 30 min. |
| Through hardening | 23 °C/50%rF | ca. 2,4 mm/day |
| Volume change | DIN 52451 | 2 % |
| Weathering resistance | | Watertight, frost and temperature change resistant |
| UV-resistance | | good |
| Not resistant | | to organic solvents |
| Paint compatibility | | when completely dry |
| Temperature resistance | | between -40°C and +90°C |
| Verarbeitungstemperatur | | +5°C to +40°C, not in rain Can be used down to -10°C, full curing only at >+5°C |
| Shelf life | | cool and dry, 12 months from the production date |

Cleaning

Fresh compound can be washed off with water. Hardened material can only be mechanically removed.

Guarantee instructions

This data sheet provides non-binding information without the assumption of a guarantee. The stipulated instructions for use are to be adapted to the given conditions. The user is obligated to validating the suitability and application possibility of the product by testing it himself, so as to avoid failures for which we assume no liability. The right to make technical changes are reserved. You will find the latest version of this datasheet under www.hanno.com.