

DS 27 Contact - DichtungSchlämme

Moisture-resistant dispersion mortar for 1:1 mix with Portland cement.

Use

- As an adhesive and reinforcing coat for plinth and perimeter insulation boards being applied in the splash zone and ground base areas.
- As a moisture-resistant coating and final coat in the plinth, splash zone and embedding areas.

Properties

- Moisture-resistant.
- Water vapour-permeable.
- High adhesion, even on bituminous substrates.
- Univeral application.

Yield/Consumption

Yield (excluding cement On even substrates):	As an adhesive: 2.0 kg/m ² As a reinforcing coat: 1.3 kg/m ² As moisture-resistant coat (2 coats): 0.7 kg/m ²
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Technical Data

Colour:	white
Viscosity:	ca. 17,000 mPa·s
pH-value:	8.5
Density:	ca. 1.2 kg/dm ³
Application time:	2 – 3 hours
Hardening:	24 hours (at relative air humidity of 50 %)

The performance explanation can be found at www.dopcap.eu under information about identification codes.

Components

Polymer dispersion, fillers, water.

Substrate

The substrate must be dry, firm, clean, even, load-bearing and free from oil, fat and dust.

Avoid moistening of the wall construction from inside or increasing moisture. All necessary horizontal and vertical barriers to moisture must be available and used as per DIN 18195.

Brick/blockwork and the rendered substrate to which the coating is to be applied should be completely dry.

Application

Slowly stir fresh cement into the dispersion mortar with the machine. By weight, the ratio of cement to product should be 1:1. Stir until there is a homogenous, smooth mass. For increased stability, the mix ratio can be increased to 1:1.3 cement .

Use the mixed material within 2 to 3 hours. Material that has already hardened cannot be stirred again.

Plinth sealant coat below ground over mineral base coat:

If necessary, the mixed material can be diluted with ca. 5 % water. If using as a moisture-resistant coating, two coats applied with a glaze trowel are required.

Adhesive:

Use the mixed material undiluted as an adhesive. Apply the adhesive with a 10 x10 or 15 x15 mm toothed trowel either to cover the surface or as dabs (adhesive should cover at least 40% of the surface). The boards should be pressed well into the adhesive putty. Do not let any of the adhesive mortar cover the board joints or edges.

Reinforcing coat:

The mixed material should be applied in a clay bedding process to cover the whole surface of the insulation boards.

Notes

Baumit DichtungsSchlämme DS 27 Contact is not classed as construction waterproofing according to German building regulations list A part 2, No. 2.49.

The curing time is dependent upon the temperature, air movements, humidity and thickness of the coat.

Once completely dry, further coats can be applied. When using as a moisture-resistant coat, the material should be completely dry before applying protective coats. Protect the sealing layer well.

Clean tools with water immediately after use.

EAK / AVV Refuse key code: 08 04 10

Do not work with the material or let it dry if the substrate and air temperature are below + 5 °C and over + 30 °C. Observe DIN 18345 (VOB, Part C).

If you need further information about this material or its handling, consult with our outside service experts about the details and the materials.

Delivery

Plastic bucket, contents 18 kg (32 buckets per pallet = 576 kg)

Storage

Store in unopened buckets in a cool place, but not less than + 5 °C. Do not store for longer than 12 months.

Quality Assurance

Constant monitoring and control of the quality and strict receiving inspections of all raw materials is carried out. The company has a TUV-tested and certified quality management system in adherence with the global DIN EN ISO 9001 standard, as well as a TUV-tested and certified environmental management system in adherence with the valid DIN EN ISO 14001 standard.

Classification as per the GHS regulation

See safety data sheet.

Our recommendations for applications which we give to support the purchasers/handlers from our experience, corresponds to current science and practice. The advice is non-binding, and forms no contractual, legal relationship and no additional obligations in the purchase contract. The advice does not release the purchaser from examining our products for their suitability for their foreseen uses. The general rules of construction equipment must be adhered to. We reserve the right to make changes which serve to provide technical progress and improve the product or its use. When such technical information appears, earlier information is no longer valid.

You can find the most current information on our Internet pages. Only our current sales and supply conditions as well as provisions for the placement and use of our silos and mixing facilities apply for all business cases.

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