

PRODUCT DATA SHEET

Sika® BentoShield® Paste

THIXOTROPIC POLYMER MODIFIED NATURAL SODIUM BENTONITE MASTIC

PRODUCT DESCRIPTION

Sika® BentoShield® Paste is a single component mastic consisting of polymer modified natural sodium bentonite and further polymer additives. Trowel applied and thixotropic in nature.

USES

Sika® BentoShield® Paste used to:

- Seal Sika BentoShield® MAX LM membrane around vertical & horizontal penetrations
- Seal Sika BentoShield® MAX LM membrane around vertical & horizontal protrusions, eg metal anchors, metal conductors
- Seal ground level termination details
- Create secondary fillets at wall / slab junctions
- Correct minor cracks in the substrate prior to the membrane application
- Seal the vertical laps of membrane applications

CHARACTERISTICS / ADVANTAGES

- Immediate activation, does not require to be mixed with water.
- Can be applied by trowel, putty knife or hand.
- Continuous waterproofing paste for irregular detailing
- Contains no bitumen or tar.
- Can be applied over metal & concrete surfaces

APPROVALS / STANDARDS

- BBA Certificate 16/5342 for waterproofing structures

PRODUCT INFORMATION

Chemical Base	100% natural mineral, Montmorillonite, sodium bentonite, oil
Packaging	15 litre pails
Appearance / Colour	Brown paste
Shelf Life	24 months from date of production if stored properly in undamaged unopened, original sealed packaging.
Storage Conditions	Store in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.

SYSTEM INFORMATION

System Structure

- Sika® BentoShield® Paste is a single component product which requires no further activation.
- Can be directly applied to either dry or wet substrate.
- It is recommended to remove loose concrete when applying Sika BentoShield® Paste on segregated concrete surfaces.

Compatibility

- Sika® BentoShield® Paste can be directly applied to either dry or wet substrate.
- Do not apply into pooling water.
- Sika® BentoShield® Paste may be combined with other Sika products.

Important: Always conduct trials before combining products in specific mixes and contact the Sika Technical Service Department for information and advice about any specific combinations.

APPLICATION INSTRUCTIONS

NOTES ON APPLICATION / LIMITATIONS

All dirt, contaminants and debris must be removed from the area of application. Product must not be applied into standing water.

Excessive water addition or overdosing may cause bleeding or segregation.

Frost:

If frozen and / or if precipitation has occurred, Sika BentoShield® Paste may be used after thawing slowly at room temperature followed by intensive remixing.

CLEANING OF TOOLS

Clean all tools and application equipment with water immediately after use. Hardened / cured material can only be removed mechanically.

FURTHER DOCUMENTS

Density: Approx 1.90 kg/litre

pH Value: 9.5 +/- 0.5

Consumption / Dosage: Applied as a 40mm x 40mm triangular fillet : approx 15 linear metres

VALUE BASE

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields.

ECOLOGY, HEALTH AND SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer

to the most recent Safety Data Sheet (SDS) containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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