

## 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

<b>Chemical Base</b>	100% natural mineral, Montmorillonite, sodium bentonite, oil
<b>Packaging</b>	15 litre pails
<b>Appearance / Colour</b>	Brown paste
<b>Shelf Life</b>	24 months from date of production if stored properly in undamaged unopened, original sealed packaging.
<b>Storage Conditions</b>	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.

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## 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.

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## 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 Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

## LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

## ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with

particular attention paid to cutting and handling.

Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

## 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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Product Data Sheet  
Sika® BentoShield® Paste  
June 2019, Version 01.01  
020704310020000003

SikaBentoShieldPaste-en-IE-(06-2019)-1-1.pdf

