

PRODUCT DATA SHEET

Sika® BentoShield® Granules

POLYMER MODIFIED NATURAL SODIUM BENTONITE GRANULES

PRODUCT DESCRIPTION

Sika® BentoShield® Granules are polymer modified natural sodium bentonite granules, these granules when wetted form a dense waterproof paste.

USES

Sika® BentoShield® Granules used to:

- Seal Sika BentoShield® MAX LM membrane around slab penetrations
- Seal Sika BentoShield® MAX LM membrane around pile heads
- Create secondary fillets at wall / slab junctions
- Correct minor cracks in the substrate prior to the membrane application
- Seal the horizontal laps of membrane applications

CHARACTERISTICS / ADVANTAGES

- Immediate activation on contact with water to form a waterproof paste
- Easily moulded waterproofing paste for irregular detailing
- Can be applied as un-activated granules in confinement
- Contains no hazardous ingredients
- Contains no solvents
- Sika BentoShield® MAX Granules have no specific Occupational Exposure Limit.

APPROVALS / STANDARDS

- BBA Certificate 16/5342 for waterproofing structures

PRODUCT INFORMATION

Chemical Base	100% natural mineral, Montmorillonite
Packaging	25 kg bags
Appearance / Colour	Brown granules
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® Granules are activated by wetting the dry granules and mixing until a paste is formed.
------------------	---

Compatibility

- Sika® BentoShield® Granules should always be activated using potable water.
- Sika® BentoShield® Granules 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® MAX Granules 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

pH Value: 9.5 +/-0.5

Consumption / Dosage: Applied as a 40mm x 40mm triangular fillet : approx 20 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.

SIKA LIMITED

Watchmead
Welwyn Garden City
Hertfordshire, AL7 1BQ
Tel: 01707 394444
Web: www.sika.co.uk
Twitter: @SikaLimited

SIKA IRELAND LIMITED

Ballymun Industrial Estate
Ballymun
Dublin 11, Ireland
Tel: +353 1 862 0709
Web: www.sika.ie
Twitter: @SikaIreland



Product Data Sheet
Sika® BentoShield® Granules
April 2019, Version 01.01
020704310020000004

SikaBentoShieldGranules-en-GB-(04-2019)-1-1.pdf