

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

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| 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

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| System Structure | Sika® BentoShield® Granules are activated by wetting the dry granules and mixing until a paste is formed. |
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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, contaminates 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 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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