

Product Data Sheet
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Sika BentoShield MAX Granules

Sika BentoShield® MAX Granules

Polymer modified natural sodium bentonite granules

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

Uses Sika BentoShield® MAX 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.

Product Data

Form

Appearance / Colour Brown granules

Packaging 25 kg bags

Storage

Storage Conditions / Shelf Life 24 months from date of production if stored properly in undamaged unopened, original sealed packaging, in dry conditions at temperatures between +5°C and +25°C. Protect from direct sunlight and frost.

Technical Data

Chemical Base 100% natural mineral, Montmorillonite

pH Value 9.5 ±0.5

Construction



System Information

Application Details Sika BentoShield® MAX Granules are activated by wetting the dry granules and mixing until a paste is formed.

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

Application Conditions / Limitations

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

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

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.

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.

Health and Safety Information For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet 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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