

PRODUCT DATA SHEET

Sika® Repair Mortar

FIBRE-REINFORCED REPAIR AND FINISHING MORTAR

DESCRIPTION

Sika® Repair Mortar is a one component cementitious mortar fibre reinforced with silicafume, designed to be used as repair and a finishing mortar.

USES

Sika® Repair Mortar is used to repair of concrete surfaces: spalling, honeycombing and cracks, eliminate surface defects caused by demoulding, to fill pores and honeycombs and for repair to damaged edges of concrete elements.

CHARACTERISTICS / ADVANTAGES

- Ready to use, requires only the addition of water
- Easy to apply by trowel
- Good workability, Smooth finish
- Good mechanical properties
- Good Thixotropic
- Low VOC. / Non Toxic
- Can be painted over 24 hours after application
- Application thickness from 1 mm to 25 mm

PRODUCT INFORMATION

Composition	Hydraulic binder, mineral filler and specific additives
Packaging	20 kg / bag
Appearance / Colour	Grey powder
Shelf life	12 months from the date of production If stored properly in undamaged, original, sealed packaging.
Storage conditions	Store in dry conditions, protected from moisture.
Density	approx. 1.1 - 1.2 kg / l

TECHNICAL INFORMATION

Compressive strength	> 20 N/mm ² at 28 days
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APPLICATION INFORMATION

Mixing ratio	4 - 4.4 litres of water per 20 kg bag
Layer thickness	1 mm to 25 mm

BASIS OF PRODUCT DATA

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.

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 Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

All surfaces to be coated should be free from dirt, dust and loose material. Any cracks in the concrete must be repaired and the surface pre-wetted before work commences. Any free surface water must be removed immediately before application of Sika® Repair Mortar.

MIXING

Care should be taken to ensure that Sika® Repair Mortar is thoroughly mixed. It can be handed in small amounts of up to 3 kg. without difficulty. Add the powder to the water and mix with a spatula or trowel until a smooth workable consistency is achieved. The recommended water/powder ratio must be strictly adhered to.

APPLICATION

Apply by trowel in 1 or 2 coats. The first coat should be worked to the concrete substrate. Intervals between coats should be 2 to 3 hours.

CURING TREATMENT

Sika® Repair Mortar cures with minimal shrinkage. If exposed to rapid drying conditions keep the surface wet to prevent premature drying. Standard curing practices are recommended.

CLEANING OF EQUIPMENT

Clean all tools and equipment with water before hardening takes place. Hardened material can only be removed mechanically.

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.

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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