

Product Data Sheet

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Identification no:

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Sika® MiniPack - Waterproofing Mortar

(Template for local translation, only for internal use)

Sika® MiniPack - Waterproofing Mortar

Waterproofing mortar

Product Description

Sika® MiniPack Waterproofing Mortar is a one component, ready to use, waterproofing mortar.

Uses

Sika® MiniPack Waterproofing Mortar is specially developed for the waterproofing and protection of foundations, underground or partially buried walls etc. It can be applied on concrete, masonry block and cement render etc.

Characteristics / Advantages

- Can be directly applied on most foundation substrates (masonry, concrete, blocks etc.)
- Very good adhesion
- Cement grey colour
- Fast hardening, short waiting time before re-filling
- Good workability

Product Data**Form**

Appearance /Colour Grey powder

Packaging 25 kg cartons box (5 x 5 kg plastic bag)

Storage

Storage Conditions/ Shelf-Life 9 months from date of production if stored properly in undamaged and unopened original, sealed packaging in dry and cool conditions.

Technical Data

Chemical Base Portland cement, selected aggregates and additives.

Density Fresh mortar density: ~ 2.0 kg/l (at +20°C)

Grading D_{max}: 0.3 mm (According to EN 12192-1)

Layer Thickness 1 mm min. / 4 mm max.

Construction

System Information

Application Details

Consumption Dependent on the substrate roughness, surface profile and thickness of layer applied.
As a guide, ~ 1.8 kg of powder per mm thick.
1 mixed plastic bag yields ~ 3.1 l of mortar or covers approximately 2m².

Substrate Quality The substrate must be structurally sound and free of all dirt, loose and friable particles, cement laitance, oils and grease or other contaminant etc..

Substrate Preparation / Priming The substrate should be prepared by suitable mechanical techniques such as high pressure water jetting, needle-guns, blastcleaning, hammers etc. and properly pre-wetted to a saturated surface dry condition.

Application Conditions / Limitations

Substrate Temperature +5°C min. / +30°C max.

Ambient Temperature +5°C min. / +30°C max.

Application Instructions

Mixing ~ 1.25 l of water for 5 kg powder

Mixing Time Sika® MiniPack Waterproofing Mortar can be mixed with a low speed (< 500 rpm) electric mixer. It can also be mixed by hand in small quantities.
Pour the water in the correct proportion into a suitable mixing container. While stirring slowly, add the powder to the water. Mix thoroughly for at least 3 minutes to the required consistency.

Application Method / Tools Sika® MiniPack Waterproofing Mortar can be applied by hard brush, gluing brush, squeegee or smoothing trowel in 2 or 3 coats. Brush direction should be crosswise between coats.

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

Waiting Time / Overcoating Waiting time between coats: ~4 hours (at +20°C).

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

Potlife ~ 1hour 30 minutes (at +20°C)

Notes on Application / Limitations Avoid application in direct sun and/or strong wind and/or rain.
Do not add water above the recommended dosage.
Apply only to sound, prepared substrates.
Protect freshly applied material from freezing conditions etc.

For application in basements Sika MiniPack Waterproofing Mortar does not exclude:

- To provide a DPM (Damp Proof Membrane) if the area is below the water table
- To provide an internal waterproofing system if the area is permanently below the water table
- To provide an adequate draining system if there is excessive water ingress

Curing Details

Curing Treatment Protect the fresh mortar from early dehydration using the appropriate curing methods.

Applied Product ready for use	The waiting time before re-filling will vary dependent on the temperature and relative humidity, as a guide: ~ 3 days at +20°C ~ 7 days at +5°C
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.
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Sika Services AG
Tüffenwies 16
CH-8048 Zurich
Switzerland

Phone +41 44 436 40 40
Telefax +41 44 436 46 86
www.sika.com

