

PRODUCT DATA SHEET

Sika MonoTop®-602 Neu

Polymer-modified bonding primer for Sika MonoTop® 600 NEU System / Sika® BM-04 / Sika® BE-08

DESCRIPTION

Sika MonoTop®-602 Neu is a 1-component cement fine mortar dry mix with precisely selected aggregates and polymer additives.

USES

Bonding primer in concrete repair for Sika MonoTop®-603 NEU (PCC II / RM) and for Sika® BM-04 (PCC I / RM) and Sika® BE-08 (PCC I / RC).

CHARACTERISTICS / ADVANTAGES

- Technically very efficient 1-component mortar
- Easy application
- Requires only water

APPROVALS / CERTIFICATES

The systems are listed in the compilation of certified substances and substance systems according to ZTV-ING, part 3, section 4.

PRODUCT INFORMATION

Packaging	25 kg bag
Shelf life	9 months from date of production
Storage conditions	Store properly in undamaged original sealed packaging, in dry cool conditions.

APPLICATION INFORMATION

Mixing ratio	9,0 litre water per 25 kg bag Sika MonoTop®-602 Neu : water = 100 : 36 (p.p.w)	
Fresh mortar density	~ 1,8 kg/l	
Consumption	Mixed mortar: ~2-3 kg/m ² / Powder: ~1,6-2,4 kg/m ²	
Ambient air temperature	min. +5 °C / max. +35 °C	
Substrate temperature	min. +5 °C / max. +35 °C	
Application time	+5 °C	~ 90 minutes
	+20 °C	~ 45 minutes
	+35 °C	~ 30 minutes
Waiting time to overcoating	+5 °C / +20 °C / +35 °C	
	Bonding primer / repair mortar	wet-on-wet

BASIS OF PRODUCT DATA

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

GISCODE: ZP1

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. Further notes and information data sheets on product safety and disposal can be found on the Internet at www.sika.de.

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

The concrete surface must be solid, free of loose and sanding parts, dust and dirt. Paint residues and residues of stripping agents, especially those containing oil and wax, as well as cement slurry adhering to the surface must be removed.

The concrete surface must be prepared by compressed air blasting with a solid blasting medium or high-pressure water blasting (from 400 bar) until tear-off strengths $\geq 1.5 \text{ N/mm}^2$ are achieved.

The concrete surface must be matt damp during processing. Therefore, pre-wetting is required prior to application of Sika MonoTop®-602 Neu. Thoroughly pre-wet heavily dried concrete on the previous day. ZTV-ING, Part 3, Section 4 applies.

MIXING

Sika MonoTop®-602 Neu can be mixed with a low speed (<500 rpm) hand drill mixer or by hand for a small quantity.

Pour the recommended water in a suitable mixing container. While stirring slowly, add the powder to the water and mix thoroughly at least for 3 minutes. After mixing, a ripening time of approx. 5 minutes must be observed before further processing, after which the mortar is mixed again shortly.

APPLICATION

The Sika MonoTop®-602 Neu bonding primer is to be brushed into the matt damp excavation under pressure, leaving as much material as possible. Apply the repair mortar into the still fresh bonding primer, i.e. wet in wet, and compact well. Avoid voids.

The maximum layer thicknesses per working step must not be exceeded. If necessary, apply the repair mortar in several layers, always with bonding primer.

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CURING TREATMENT

Rapid drying, for example due to sun must be prevented. The rules for curing mortars must therefore be observed. Keep freshly prepared surfaces moist by covering with mats or plastic sheeting or by spraying with water. For curing, ZTV-ING Part 3, Section 4 applies.

CLEANING OF EQUIPMENT

Clean all tools and application equipment with water immediately after use. Hardened material can only be mechanically removed.

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.

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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