BUILDING TRUST

PRODUCT DATA SHEET

Sikafloor® P 922

(formerly MTop P 922)

Two-part, solvent-free, general purpose Xolutec primer for flooring and waterproofing systems.

PRODUCT DESCRIPTION

Sikafloor® P 922 is a two-part primer based on Xolutec technology, providing high substrate penetration and acting as bond promoter for the subsequent flooring or waterproofing systems.

USES

Sikafloor® P 922 is designed for use indoor as a primer on mineral substrates such as concrete and cementitious screed. It can be also used as scratch primer by adding oven dried silica sand in a proportion of 1 : 0,5 till 1 : 1.

CHARACTERISTICS / ADVANTAGES

- Tolerant with wet substrates (visible dry)
- Low viscosity
- Easy to apply
- Excellent penetration
- Seals pores and capillaries
- Excellent bond to substrate and damp concrete
- Low emission

APPROVALS / STANDARDS

CE marking and declaration of performance based on EN 13813:2002 Screed material and floor screeds — Screed material — Properties and requirements — Synthetic resin screed material

PRODUCT INFORMATION

Packaging	Sikafloor® P 922 is supplied in 12.8 kg working packs (6.8 kg for part A + 6 kg for part B).	
Shelf Life	Under the specified storage conditions the material has a shelf life of 12 months. For maximum shelf life under these conditions, see “Best before” label.	
Storage Conditions	Store in original containers, under dry conditions and a temperature between 15–25°C. Do not expose to direct sunlight.	
Appearance / Colour	Light yellow liquid	
Density	Part A at 20°C	1,21 g/cm³
	Part B at 20°C	1,13 g/cm³
	Mixed product at 20°C	1,18 g/cm³

APPLICATION INFORMATION

Mixing Ratio	100 : 87,5	
Consumption	The consumption of Sikafloor® P 922 is between 0,3 – 0,5 kg/m² depending on the condition and porosity of the substrate. For high porosity substrates or to increase the protection against rising damp, a second layer is recommended. Oven dried silica sand 0,3 – 0,8 mm could be optionally broadcasted at approximately 1,0 kg/m² not in excess into the still wet primer. The above consumption figures are intended as a guide only and may be higher on very rough or porous substrates.	
Ambient Air Temperature	Min.	8°C
	Max.	30°C
Relative Air Humidity	not restricted, but no condensation of water on the surface	
Substrate Temperature	Min.	8°C
	Max.	30°C
Pot Life	At 12°C	25 min.
	At 23°C	20 min.
	At 30°C	15 min.
Curing Time	at 10°C	5 d
	at 23°C	3 d
	at 30°C	2 d

Waiting Time / Overcoating	Temperature	Minimum	Maximum
	at 10°C	12 h	48 h
	at 23°C	8 h	48 h
	at 30°C	7 h	48 h

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.

ECOLOGY, HEALTH AND SAFETY

User must read the most recent corresponding Safety Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

Regulation (EC) No 1907/2006 (REACH) - Mandatory training

As from 24 August 2023 adequate training is required before industrial or professional use of this product. For more information and a link to the training visit www.sika.com/pu-training.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All substrates (new and old) must be structurally sound, dry and free of laitance and loose particles. Clean floors of oil, grease, rubber skid marks, paint stains and other adhesion impairing contaminants. Mechanical surface profiling by grit or shot blasting, high-pressure water jetting, grinding or scabbling (including the necessary post-treatment) are the preferred floor preparation methods.
After surface preparation the tensile strength of the substrate should exceed 1.5 N/mm² (check with an approved pull-off tester at a load rate of 100 N/s).
The residual moisture content of the substrate must not exceed 4% (check with e.g. CM device). The surface of the substrate can be damp but visible dry before the application. Do not apply the product when there is standing water on the surface. A dampproof course must have been properly installed and be intact.

MIXING

Sikafloor® P 922 is supplied in working packs which are pre-packaged in the exact ratio. Before mixing, precondition both A and B components to a temperature of approximately 15 to 25°C. Pour the entire contents of part B into the container of part A. DO NOT MIX BY HAND. Mix with a double paddle mixer at high speed (ca. 600 rpm) for 90 seconds. Use always the same mixing time and mixing speed. Keep the mixer blades submerged in the coating to avoid introducing air bubbles. DO NOT WORK OUT OF THE ORIGINAL CONTAINER.

APPLICATION

After mixing pour the whole content of the bucket immediately on the surface. Sikafloor® P 922 should be applied when the ambient temperature is constant or falling as this will decrease the risk of bubble formation due to expansion of air that is enclosed in the concrete. Sikafloor® P 922 is applied to the prepared substrate by spreading with a squeegee and finishing with a roller.

The curing time of the material is influenced by the ambient, material and substrate temperatures. At low temperatures, the chemical reactions are slowed down; this lengthens the pot life, open time and curing times. High temperatures speed up the chemical reactions thus the time frames mentioned above are shortened accordingly. To fully cure, the material, substrate and application temperature should not fall below the minimum. After application, the material should be protected from direct contact with water for approx. 24h (at 20°C). The temperature of the substrate must be at least 3K above the dew point both during the application and for at least 24 hours after the application (at 15°C).

CLEANING OF TOOLS

Clean all tools and application equipment with Sika® Thinner C immediately after use. 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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