

PRODUCT DATA SHEET

Sikafloor®-268 T

2-PART EPOXY LEVELLING MORTAR, INTERMEDIATE LAYER AND MORTAR SCREED

DESCRIPTION

Sikafloor®-268 T intermediate coat is a 2-component low viscosity epoxy resin.

USES

Sikafloor®-268 T may only be used by experienced professionals.

- Binder for levelling mortars and mortar screeds
- Intermediate layer underneath Sikafloor system

CHARACTERISTICS / ADVANTAGES

- Low viscosity
- Mechanically highly resistant
- Easy application
- Short waiting times
- Multi purpose

PRODUCT INFORMATION

Packaging	Comp. A: 20 kg Comp. B: 5 kg
Appearance / Colour	Resin – Comp. A: transparent, liquid Hardener – Comp. B: brownish, liquid
Shelf Life	12 months from date of production
Storage Conditions	The product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperatures between +5 °C and +35 °C.
Solid content by weight	> 95 %

TECHNICAL INFORMATION

Compressive Strength	> 560 kg/cm ²	(CNS 10141)
Tensile Strength in Flexure	> 380 kg/cm ²	(CNS 10141)

SYSTEM INFORMATION

Systems	<p>Levelling mortar fine: Primer: 1–2 x Sikafloor®-168 T Levelling mortar: 1 x Sikafloor®-268 T + quartz sand Note: The largest grain size should be a maximum 1/3 of the finished layer thickness. Dependent on the grain shape and application temperatures, the aggregates and the most suitable mix should be selected.</p>
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APPLICATION INFORMATION

Mixing Ratio	Sikafloor®-268 T: 4 pbw comp. A 1 pbw comp. B			
Consumption	Product	Consumption		
	Priming	1–2 x Sikafloor®-168 T	1–2 x 0.3–0.5 kg/m ²	
	Levelling mortar	1 pbw Sikafloor®-268 T + 0.5 pbw quartz sand (0.1–0.3 mm)	1.5 kg/m ² /mm	
Ambient Air Temperature	+10 °C min. / +35 °C max.			
Relative Air Humidity	80 % r.h. max.			
Dew Point	Beware of condensation! The substrate and uncured floor must be at least 3 °C above dew point to reduce the risk of condensation or blooming on the floor finish.			
Substrate Temperature	+10 °C min. / +30 °C max.			
Substrate Moisture Content	< 4 % pbw moisture content. Test method: Sika®-Tramex meter, CM - measurement or Oven-dry-method. No rising moisture according to ASTM (Polyethylene-sheet).			
Pot Life	+25 °C: approx. 20 minutes			
Curing Time	Sikafloor®-268 T	+10 °C	+20 °C	+30 °C
	Ready for foot traffic	3 days	1 day	1 day
	Light mechanical exposure	6 days	4 days	2 days
	Fully serviceable	10 days	7 days	5 days

APPLICATION INSTRUCTIONS

SUBSTRATE QUALITY / PRE-TREATMENT

- The concrete substrates must be sound and of sufficient compressive strength (minimum 25 N/mm²) with a minimum pull off strength of 1.5 N/mm².
- The substrate must be clean, dry and free of all contaminants such as dirt, oil, grease, coatings and surface treatments, etc.
- Concrete substrates must be prepared mechanically using abrasive blast cleaning or scarifying equipment to remove cement laitance and achieve an open textured surface.
- Weak concrete must be removed and surface defects such as blowholes and voids must be fully exposed.
- Repairs to the substrate, filling of blowholes/voids and surface levelling must be carried out using appropriate products from the Sikafloor®, SikaDur® and SikaGard® range of materials.
- All dust, loose and friable material must be completely removed from all surfaces before application of the product, preferably by brush and/or vacuum.

MIXING

- Prior to mixing, stir comp. A mechanically. When all of comp. B has been added to comp. A, mix continuously for 3 minutes until a uniform mix has been achieved.

- When comp. A and B have been mixed, add the quartz sand and if required the Extender T and mix for a further 2 minutes until a uniform mix has been achieved.
- To ensure thorough mixing pour materials into another container and mix again to achieve a consistent mix.
- Over mixing must be avoided to minimise air entrainment.
- Sikafloor®-268 T must be thoroughly mixed using a low speed electric stirrer (300–400 rpm) or other suitable equipment.

APPLICATION

- The ready mixed material is poured down in stripes and distributed evenly by means of a trowel, Kaupp trowel or serrated trowel in the requested layer thickness.
- If applied as a self smoothing floor ventilate the freshly applied layer with a spike roller.
- Prior to application of a top sealer it is recommended to grind the sand rough surface slightly in order to achieve a good finish and to reduce the material consumption. The top sealer is applied evenly by squeegee.

CLEANING OF TOOLS

- Clean all tools and application equipment with Thinner immediately after use.
- Hardened and/or cured material can only be removed mechanically.

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.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the declared data for this product may vary from country to country. Please consult the local Product Data Sheet for the exact product data.

ECOLOGY

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.

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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Sikafloor-268T-en-TW-(03-2020)-1-1.pdf

Product Data Sheet
Sikafloor®-268 T
March 2020, Version 01.01
020811020020000198

