

PRODUCT DATA SHEET

Sikafloor® P 1240/50

(formerly MTop P 1240/50)

Epoxy primer for Sikafloor®-1240

DESCRIPTION

Sikafloor® P 1240/50 primer is a two-component primer based on epoxy resin. It is used to promote the adhesion of new epoxy screeds to existing concrete substrates.

Suitable for use in hot and tropical climatic conditions.

USES

Sikafloor® P 1240/50 may only be used by experienced professionals for concrete substrate priming before application of Sikafloor® 1240 epoxy screed. Also suitable to be used as primer for other resin products.

FEATURES

- Low viscosity
- Good penetration
- Excellent bond strength
- Easy application
- Short waiting times

PRODUCT INFORMATION

Packaging	2.8 kg unit (Part A + Part B)
Shelf life	12 months from production date
Storage conditions	Store in undamaged, unopened, original sealed packaging in dry conditions at temperatures between 5 °C and 35 °C. Protect from direct sunlight, heat and moisture.
Colour	Colourless
Density	~1.09 kg/l (25°C)

APPLICATION INFORMATION

Mixing ratio	Part A : Part B = 70 : 30, by weight
Consumption	As a guide: 1 kg of Sikafloor® P 1240/50 will cover 4 - 6 m ² Calculated usage assumes constant application thickness on a regular substrate. These figures are theoretical and do not include for any additional material required due to surface porosity, surface profile, variations in level and wastage etc.
Open Time	~20 min (25°C)

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.
- Internal Reference - Version: MBS_CC-UAE/Top_P1240/50_02_03/ v2/07_14/v3/12_19

IMPORTANT CONSIDERATIONS

- Acid etching should only be used as a method of preparation in exceptional circumstances and with prior consultation with Sika Technical Services Department.
- For priming of substrates prior to application of other then mentioned resin based coatings, contact Sika Technical Service Department for advice.

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.

APPLICATION INSTRUCTIONS

EQUIPMENT

- Vacuum recovery shot blasting machine
- Scabblers
- Industrial vacuum
- Masking tape/polythene sheets
- Goggles
- Lighting
- Slow speed drill with suitable paddle
- Industrial gloves

SUBSTRATE PREPARATION

In new construction, concrete to receive high performance epoxy screeds should be designed, mixed and placed in accordance with internationally accepted good practice. The concrete should be at least 28 old unless water reducing admixtures have been used. Sufficient compressive and tensile strength to withstand dynamic loading is required. Laitance or concrete contaminated with oils, greases etc. should be completely removed by captive blasting or mechanical means such as scabbing. Finally ensure the surface is dust free, using an industrial vacuum.

MIXING

Mixing should be carried out using a slow speed drill, with a suitable paddle, making sure to reach the bottom and sides of the mixing vessel. Mix for at least 1-2 minutes until uniform consistency is achieved. The components are pre-weighed and should not be split or divided.

APPLICATION

Sikafloor® P 1240/50 should be worked well into the substrate by brush or roller. Apply according to stated coverage. The Sikafloor® P 1240/50 should be allowed to stand for 20 minutes before applying the chosen epoxy screed, to check for absorption. If the surface becomes matt, showing absorption, reprime the surface. The chosen epoxy screed should be installed whilst the primed surface is still tacky. If the primer hardens re-prime within 24 hours.

CLEANING OF EQUIPMENT

Remove Sikafloor® P 1240/50 from tools and equipment using a suitable thinner (Xylene / MEK / Acetone) immediately after application. Once hardened, the material can only be removed mechanically.

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.

Sika Gulf B.S.C. (c)

Tel: +973 177 38188

Email: info@bh.sika.com

Sika Kuwait Cons. Mat. & Paints Co WLL

Tel: +965 22 282 296

Email: sika.kuwait@kw.sika.com

Web: gcc.sika.com

Sika UAE LLC

Sika MB Construction Chemicals LLC

Sika International Chemicals LLC

Tel: +971 4 439 8200

Email: info@ae.sika.com

Web: gcc.sika.com

Sika Saudi Arabia Limited

Sika Construction Chemicals for

Manufacturing LLC

Riyadh / Jeddah / Dammam / Rabigh

Tel: +966 12 692 7079

Email: info@sa.sika.com

Web: gcc.sika.com

Sika LLC - Oman

Master Builders Solutions LLC

(part of Sika)

Tel. +968 22 826 500

Email: info@om.sika.com

Web: gcc.sika.com



ISO 9001, 14001, 45001 - SGS
- Sika UAE LLC
- Sika International Chemicals LLC
- Sika Gulf B.S.C. (c)
ISO 9001, 14001 - SGS
- Sika Saudi Arabia Limited
ISO 9001, 14001 - TÜV
- Sika MB Construction Chemicals LLC
- Sika Construction Chemicals for Manufacturing LLC
- Master Builders Solutions LLC

All products are supplied under a management system certified to conform to the requirements of the quality, environmental and occupational health & safety standards ISO 9001, ISO 14001 and ISO 45001.



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