

PRODUCT DATA SHEET

Sikafloor®-1207

(formerly MTop 1207)

High build, solvent-free epoxy coating for concrete floors

DESCRIPTION

Sikafloor®-1207 is a two component, solvent-free epoxy floor coating system, which provides hard-wearing, abrasion-resistant flooring system.

USES

Sikafloor®-1207 has good wear and abrasion resistance and is suitable for use in many industrial applications. It can be used as a surface coating where a hygienic and high gloss appearance is required. Also, it can also provide an anti-slip finish which is suitable for use in wet areas.

- Pharmaceutical and other medical laboratory situations
- Food processing and production – including dairies, bakeries, mills and confectioners
- Beverage production – including soft drinks manufacture
- Industrial and commercial kitchens
- Engineering – including aircraft hangars, car production facilities and maintenance areas
- Warehouses – for installations with a medium frequency and volume of traffic

FEATURES

- Excellent wear and abrasion resistance
- Solvent-free
- Slip resistance finish available
- Easily applied
- Textured high gloss finish
- Good general chemical resistance
- Limited maintenance
- Attractive and serviceable colours

PRODUCT INFORMATION

Packaging	5kg units.
Shelf life	Up to 12 months if stored in unopened containers according to manufacturer's instructions.
Storage conditions	Store out of direct sunlight, clear of the ground, on pallets protected from rainfall. Avoid excessive compaction and protect from extremes of temperatures. In tropical climates, the product must be stored in an air-conditioned environment.
Colour	Sikafloor®-1207 is available in a wide range of colours: light grey; mid grey; dark grey; blue, beige and red.

TECHNICAL INFORMATION

Shore D Hardness	74	ASTM D2240
Compressive strength	60 N/mm ²	7 days ASTM C579
	85 N/mm ²	ASTM D695
Flexural-strength	60 N/mm ²	ASTM C579 after 7 days
	85 N/mm ²	ASTM D695
Tensile strength	15 N/mm ²	ASTM C 307
	30 Mpa	ASTM D 638
Consumption	Approximately 0.29-0.36kg/m ² /coat at 200-250 microns DFT.	

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.

ECOLOGY, HEALTH AND SAFETY

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.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

All contamination must be removed and a sound, clean substrate is exposed. Mechanical means of preparation (such as light grit blasting, high pressure water jetting or grinding) are preferred, followed by the removal of dust and other loose debris, using an industrial vacuum. A clean prepared surface will ensure adhesion between substrate and coating and will improve the long-term durability. The ideal surface profile for the application of Sikafloor®-1207 is the texture of medium grit sand paper. Ensure that the concrete is at least 28 days old. Do not apply if the moisture content of the concrete substrates exceeds 4%. The surface over which the Sikafloor®-1207 is to be laid must be flat and roughened.

MIXING

Pour the base and the reactor into a suitable mixing vessel and mix using a slow speed drill with spiral mixing paddle attached, until all striations have disappeared and a uniform colour is obtained.

APPLICATION

Ensure that the substrate is free from dust and building debris and that the area has been secured to prevent intrusion of dust, airborne particles, insects, small animals, etc. Make sure that windows and doors are closed.

To avoid colour deviation from one batch of the resin to another, only use resins with the same batch number in the same area.

Apply two coats of Sikafloor®-1207 by short/medium-haired roller and allow at least 18 hours but not more than 36 hours between coats.

The second coat should be applied at a right angle to the first coat.

If the application of Sikafloor®-1207 is delayed more than 16 hours at 40°C and 36 hours at 20°C after the application of the primer, then the primer must be thoroughly abraded to give an adequate mechanical key and solvent wiped.

Sikafloor®-1207 should be allowed to dry 24 hours prior to receiving light traffic. Full cure is achieved after 7 days.

CLEANING OF EQUIPMENT

Remove uncured Sikafloor®-1207 immediately from tools and equipment, using solvent.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

Sika Egypt

1st Industrial Zone (A)
Section #10, Block 13035
El Obour City, Egypt
TEL: +202 44810580
FAX: +202 44810459
egy.sika.com



Product Data Sheet

Sikafloor®-1207

September 2024, Version 02.01
02081100000002084