

PRODUCT DATA SHEET

Sikafloor® MetalTop-300

(formerly MTop 300)

Metallic dry-shake surface hardener for industrial floors.

DESCRIPTION

Sikafloor® MetalTop-300 is a pre-mixed, dry-shake surface hardener, based on hydraulic binder and specially treated metallic aggregates, with anti-corrosion agent. Please note: The Product may only be used by experienced professionals only.

USES

Sikafloor® MetalTop-300 is recommended for industrial floors with high wear and impact resistance in:

- mechanical workshops, garages
- assembling plants in the automotive industry
- storage areas and traffic ways in the steel industry
- aircraft hangars
- storage areas subject to heavy loads
- printing shops
- dry areas in paper mill

PRODUCT INFORMATION

Packaging	Sikafloor® MetalTop-300 is packaged in 25 kg moisture resistant bags and big-bags
Shelf life	Sikafloor® MetalTop-300 can be stored for 18 months in the tightly closed original packages. Do not use the product if bag is damaged.
Storage conditions	The Product must be stored in original, unopened and undamaged sealed packaging in dry conditions at temperature between +5°C and +30°C. Always refer to the packaging. Kept frost-free and dry.
Appearance / Colour	Powder Natural (concrete grey).

TECHNICAL INFORMATION

Abrasion resistance	BOHME	< 4 g/cm ³
	TABER	< 0.13 gm ASTM C501, 1000 cycle) / H-22 Wheel

CHARACTERISTICS / ADVANTAGES

Sikafloor® MetalTop-300 offers following advantages:

- excellent impact resistance
- high abrasion resistance
- easy to apply
- low level of porosity due to maximum compactness
- easy cleaning and maintenance
- limited dust formation
- low absorption of oil, grease and water

APPROVALS / STANDARDS

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

Compressive strength	80 N/mm ² at 28 Days	(BS 6319, Part 2)
Modulus of elasticity in compression	27 GPa at 28 Days	
Flexural strength	8.8 MPa at 28 Days	(BS6319, Part 3)
Tensile adhesion strength	>1.5 MPa (concrete failure)	(ASTM D 4541)

APPLICATION INFORMATION

Consumption	For light to medium traffic: 4 – 6 kg/m ² For medium to heavy traffic: 6 – 7,5 kg/m ² For heavy traffic: 7,5 – 9 kg/m ² For very heavy traffic: 9 – 10 kg/m ² For coloured floors, especially light colours: 7 – 8 kg/m ²	
--------------------	--	--

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.

IMPORTANT CONSIDERATIONS

- Where floor surfaces will be exposed to acids, salts or to materials known to deteriorate cement, consult your local representative.
- Areas of constant high humidity from ambient or ground water (toilets, wash places, etc...)
- Do not apply over concrete containing chlorides or aggregate contaminated with salt/salt water.
- Do not apply over concrete with > 3% entrained air.

ECOLOGY, HEALTH AND SAFETY

This product is an article as defined in article 3 of regulation (EC) No 1907/2006 (REACH). It contains no substances which are intended to be released from the article under normal or reasonably foreseeable conditions of use. A safety data sheet following article 31 of the same regulation is not needed to bring the product to the market, to transport or to use it. For safe use follow the instructions given in this product data sheet. Based on our current knowledge, this product does not contain SVHC (substances of very high concern) as listed in Annex XIV of the REACH regulation or on the candidate list published by the European Chemicals Agency in concentrations above 0.1 % (w/w).

APPLICATION INSTRUCTIONS

APPLICATION

1. Placing concrete
 2. Levelling, consolidating and striking off concrete
 3. Apply the first shake of Sikafloor® MetalTop-300 (manually)
 - 3a. Apply the first shake of Sikafloor® MetalTop-300 by spreader
 4. Floating the first shake of Sikafloor® MetalTop-300 Repeat steps 3 up to 4 including (apply the second shake, floating the second shake of Sikafloor® MetalTop-300) followed by a first trowelling and a second/final trowelling.
 5. Curing
 6. Sawing joints
 7. Application of joint sealant
- For detailed information on the application steps, please consult with Sika technical support or local representative.

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 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.

Sika India Pvt. Ltd.

620, Diamond Harbour Road
Commercial Complex II
Kolkata - 700 034
West Bengal, India

Contact:

Phone: +91 33 2447 2448
Fax: +91 33 2397 8688
info.india@in.sika.com
www.sika.in



Product Data Sheet

Sikafloor® MetalTop-300
September 2024, Version 03.01
02081500000002034

SikafloorMetalTop-300-en-IN-(09-2024)-3-1.pdf