

PRODUCT DATA SHEET

Sikafloor® E-Coating

TWO -PACK EPOXY PAINT FOR FLOOR

DESCRIPTION

Sikafloor® E-Coating is a two-component high glossy paint based epoxy / polyamide resin. It forms a hard and tough film with an excellent adhesion and resistance to water, alkalies, abrasion and impact.

USES

Sikafloor® E-Coating may only be used by experienced professionals.

A finishing coat for use on concrete or other in areas where high and anti dust property is required such as pharmaceutical, precision equipment and electronic factory and hospital, etc

CHARACTERISTICS / ADVANTAGES

- Excellent abrasion resistance, chemical resistance and impact resistance
- good gloss and dustproof
- good workability and appearance

PRODUCT INFORMATION

Composition	Part A(Base) / Part B(Curing agent)	
Packaging	16L(Part A : Part B = 12.0L : 4.0L)	
Appearance / Colour	Gloss, Clear / Other colours are available on request.	
Shelf life	12 months	
Storage conditions	Keep away from sparks, flames, direct sun light, rainwater and snow. Do not store at temperature below 5°C or above 40°C.	
Density	1.2~1.3(g/cm ³) for mixture.	
Solid content	73.9±1%	(KS M ISO 3251 : 2015)
Solid content by volume	52±2%	
Viscosity	72 KU	(KS M 5000 : 2014)

TECHNICAL INFORMATION

Abrasion Resistance	78mg	(H-22, 500g, 500 times_KS M 9352 : 2013)
Tensile Adhesion Strength	2.1 N/mm ²	(KS F 4936 : 2008)

APPLICATION INFORMATION

Mixing Ratio	Part A(Base) : Part B(Curing agent) = 3.0 : 1.0(by vol)		
Thinner	Max. 5%		
Consumption	10.6m ² /L in 50 dry film thickness on a smooth surface.		
Layer Thickness	Recommended 50		
Relative Air Humidity	below 85%.		
Substrate Moisture Content	must be below 6%.		
Waiting Time / Overcoating	Recoating(minimum)	5°C/ 28h	20°C/ 24h
		30°C/ 18h	

APPLICATION INSTRUCTIONS

EQUIPMENT

brush, roller, spray(air, airless)

FURTHER INFORMATION

Flash point : Approx.27°C (closed cup by a method)

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.

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 the exact product data and uses.

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.

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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