

PRODUCT DATA SHEET

Sikafloor® E-Primer

TWO -PACK EPOXY PRIMER

DESCRIPTION

It is a polyamine cure epoxy based quick drying primer/sealer with excellent resistance to chemicals and water. It providing excellent adhesion to most substrates including concrete, wood, steel etc. It assures excellent sealing and tight adhesion between a substrate and subsequent coat.

USES

Sikafloor® E-Primer may only be used by experienced professionals.
As Primer/sealer for use on concrete, wooden floor and other substrate in area where high anti-dust property are required such as nuclear power plant, electronic, precision equipment and chemical plant, etc.

CHARACTERISTICS / ADVANTAGES

- Quick drying primer with excellent resistance to chemicals, water.
- Suitable between a substrate and primer.
- Good adhesion on a substrate.

PRODUCT INFORMATION

Composition	Part A : Part B = 4 : 1
Packaging	14kg/set(Part A = 11.2kg, Part B =2.8kg)
Appearance / Colour	Gloss / Transparent
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	0.9±0.1
Solid content by volume	34%±1
Viscosity	54±2 (K.U)

APPLICATION INFORMATION

Mixing Ratio	Part A(Base) : Part B(Curing agent) = 4 : 1(by weight)
Thinner	Epoxy Thinner, Max. 5%
Consumption	6.8m ² /L in 50 dry film thickness on a smooth surface.

Layer Thickness		Recommend 50µm		
Pot Life		5°C	20°C	30°C
	Set to touch(hour)	2	1	40(min)
	Pot-life(min)	16	12	8
Waiting Time / Overcoating		5°C	20°C	30°C
	Dry Through(Hour)	30	15	10
	Over Coating(Hour)	24	12	8

APPLICATION INSTRUCTIONS

EQUIPMENT

- Coating the proper film thickness with the brush, roller, spray(air, airless)
- For airless spray application
Nozzle orifice : 381 ~ 432 (0.015" ~ 0.017")
Output pressure : 13.8 MPa

SUBSTRATE QUALITY / PRE-TREATMENT

Remove any oil, grease, dirt and any other contaminants from the surface before painting by proper method such as solvent cleaning and fresh water washing etc. Do not apply coating unless concrete has cured at least 28 days at 20°C and below 80% R.H or equivalent. The surface moisture must be below 6%.

MIXING

Sikafloor E-Primer Part A : Sikafloor E-Primer Part B = 4 : 1 (by weight) and Sikafloor E-Thinner, 5%. Max

APPLICATION

The surface should be completely cleaned and dried. Do not apply when relative humidity is above 85%. The surface temperature should be at least 3°C above dew point to prevent condensation.

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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