

PRODUCT DATA SHEET

SikaCor®-100 ET (F)

TWO COMPONENT POLYAMIDE CURED EPOXY TOPCOAT

DESCRIPTION

SikaCor®-100ET (F) is 2-pack polyamide cured epoxy resin based finish coat.
As a finish on interior and exterior of steel structure in corrosive marine and industrial environments. Protective coating for exposed parts against mechanical wear and seawater/fresh water splash.

USES

SikaCor®-100 ET (F) may only be used by experienced professionals.

- Suitable for industrial and marine applications
- Easy application, both by airless spray and brush
- Good adhesion on most aged epoxy coatings

CHARACTERISTICS / ADVANTAGES

- Tough, with long-term flexibility
- Resistant to water and splash of mild chemicals
- General purpose epoxy build coat in protective coating Systems for steel and concrete structures exposed to atmospheric land and marine conditions.

PRODUCT INFORMATION

Packaging	SikaCor-100 ET PT-A :	12 L
	SikaCor-100 ET PT-B :	3 L
Appearance / Colour	Black, Grey (Other colours by orders)	
Shelf life	12 months (Base & Hardener)	
Storage conditions	Store in original, unopened and undamaged sealed packaging in dry conditions at temperature between 10°C and 25°C. Exposure to higher temperatures will reduce shelf life.	
Density	Approx. 1.3 (kg/L)	
Solid content by volume	55% ± 2	

SYSTEMS

Systems	1st coat : SikaCor®-100 EP	100 microns
	2nd coat : SikaCor®-100 ET	50-75 microns

APPLICATION INFORMATION

Mixing Ratio	Component A : B = 4 : 1 (by vol)
Thinner	SikaCor® E-thinner / SikaCor® Thinner-8, thinning less than 10% by volume.
Consumption	7.3 m ² /L (DFT 75 microns)
Substrate Temperature	During application and curing a substrate temperature should be kept above the dew point to avoid condensation. Relative humidity should be kept under 85%.
Surface Temperature	Above 5°C
Pot Life	Approx. 4 hours (at 20°C)
Waiting Time / Overcoating	Min. 2 hours at 20°C for itself / epoxy coating Max. 1 month
Drying time	Approx. 2 hours (dry to touch, at 20°C)

APPLICATION INSTRUCTIONS

EQUIPMENT

AIRLESS SPRAY

- Nozzle orifice : 0.017-0.025 inch
- Nozzle pressure: Approx. 2100 psi

Air-spray

- Nozzle orifice : 1.8-2.0 mm
- Nozzle pressure : 40-60 psi

Brush/Roller

For stripe coating and spot repair only

SUBSTRATE PREPARATION

For one coat, direct to metal: as per relevant painting specification.

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 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.

Sika Korea Ltd.

135 gil 16, Nonhyun-ro
Gangnam-ku, Seoul, Korea
Tel : +82 2 6912 1500
Fax: +82 2 6912 1555
web: <http://kor.sika.com>



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