

PRODUCT DATA SHEET

SikaCor®-200 ECT

2 COMPONENTS POLYAMIDE CURING HIGH BUILD EPOXY COATING

DESCRIPTION

SikaCor®-200 ECT is 2 components polyamide cured epoxy high build coating for multi-purpose. SikaCor®-200 ECT is also recommended as an intermediate coat of protective coating system for steel or concrete in severe corrosion environment by its long lasting durability.

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.

USES

SikaCor®-200 ECT may only be used by experienced professionals.

- Suitable for interior of freight container
- Easy application, both by airless spray and brush
- Good adhesion on most aged epoxy coatings

PRODUCT INFORMATION

Packaging	SikaCor-200 ECT PT-A :	14.4 L
	SikaCor-200 ECT PT-B :	3.4 L
Appearance / Colour	Semi-gloss / Offwhite, Grey and colors in order	
Shelf life	12 months	
Storage conditions	Store in original, unopened and undamaged sealed packaging in dry conditions at temperature between 10°C and 25°C. Protect from frost. Exposure to higher temperatures will reduce shelf life.	
Density	Approx. 1.4	
Solid content by volume	50% ± 2	

SYSTEMS

Systems	<u>Coating system</u>
	▪ 1 st : SikaCor® Zinc E1 50 ▪ 2 nd : SikaCor®-200 ECT 100 / according to specification * For detail of coating system and products contact Sika's technical representative.

APPLICATION INFORMATION

Mixing Ratio	Base : Hardener = 81 : 19
Thinner	SikaCor Thinner No.8 (or SikaCor E thinner) ▪ Use max 10% of Thinner by volume ▪ Too much thinning results in reduced sag-resistance
Consumption	Theoretical spreading rate : 5.0 m ² /Liter (100 microns of dry film thickness)
Layer Thickness	Recommended dry film thickness : 100 - 150 microns
Pot Life	Min. 4 hours (20°C)
Waiting Time / Overcoating	Min. 3 hours / 20°C (between itself or other epoxies) Max. 3 months (not exposed to sunshine) Surface must be dry and free from any kind of contamination.
Drying time	Set to touch : Min. 5 hours

APPLICATION INSTRUCTIONS

- Temperature of the mixed base and hardener should preferably be above 15°C, otherwise extra solvent may be required to obtain proper application viscosity.
- Too much solvent results in reduced sag resistance and slower cure

EQUIPMENT

Airless spray

Recommended thinner	: SikaCor thinner No.8
Volume of thinner	: 5~15%
Nozzle orifice	: Approx. 0.019 - 0.025 inch
Nozzle pressure	: Approx. 2100 psi

Air spray

Recommended thinner	: SikaCor thinner No.8
Volume of thinner	: 5~15%
Nozzle orifice	: 1.8~2.0 mm
Nozzle pressure	: 40~60 psi

Brush/Roller : Volume of thinner : 0~5%

SURFACE PREPARATION

- Steel; blast cleaned to ISO-Sa2.5, blasting profile 30-75 microns or ISO St3
- Shop primed steel; power tool cleaned to SPSS-Pt3
- Galvanized steel; cleaned from grease, salts, contamination and roughened up
- Previous coat; dry and free from any contamination (oil, dirt etc)

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 Material Safety Data Sheet 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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Product Data Sheet
SikaCor®-200 ECT
June 2019, Version 02.01
020602000400000010

SikaCor-200ECT-en-KR-(06-2019)-2-1.pdf