

PRODUCT DATA SHEET

SikaCor® E Zinc

TWO COMPONENTS EPOXY ZINC-RICH PRIMER

DESCRIPTION

SikaCor® E Zinc is 2-pack, highly pigmented zinc-rich, polyamide cured epoxy paint with outstanding resistance against weathering and abrasion in heavy duty paint system. Offers cathodic protection of local mechanical damage.

USES

SikaCor® E Zinc may only be used by experienced professionals.

- As a general purpose, heavy-duty, rust preventing primer
- As a primer for long-term protection of steel exposed to moderately to severely corrosive environment and to abrasion.

CHARACTERISTICS / ADVANTAGES

- Long-term rust-preventing primer in various painting system
- Excellent anti-corrosive property by cathodic protection
- Fast drying and short over-coating interval
- Excellent repair workability for aged inorganic zinc system
- Good abrasion and impact resistance

PRODUCT INFORMATION

Packaging	SikaCor® E Zinc PT-A	15L
	SikaCor® E Zinc PT-B	3L
Appearance / Colour	Grey(zinc)	
Shelf life	12months	
Storage conditions	▪ Store in original, unopened and undamaged sealed packing in dry conditions at temperature between 5°C and 35°C. ▪ Store cool and dry place avoiding direct exposure to sunlight. ▪ Exposure to higher temperatures will reduce shelf life.	
Density	Approx. 2.3	
Solid content by volume	50% ± 3	

SYSTEMS

Systems	1st : SikaCor® E Zinc	50 ~ 75 microns
	2nd : SikaCor® 100 EM	75 ~ 105 microns
	3rd : SikaCor® Dur-480	40 ~ 60 microns

APPLICATION INFORMATION

Mixing Ratio	Base : Hardener = 5 : 1 (by volume)
Thinner	SikaCor Thinner No.8 (thinning less than 5% by volume)
Consumption	10m ² /L for DFT 50 microns
Layer Thickness	40-75 microns
Surface 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%.
Pot Life	Min. 4 hours (at 20°C)
Waiting Time / Overcoating	▪ Min. 7 hours (at 20°C) ▪ Max. 3months
Drying time	Approx. 30 minutes (dry to touch, at 20°C)

APPLICATION INSTRUCTIONS

Airless spray

- Nozzle : 0.017~0.025 inch
- Pressure : 1900 psi

Air spray

- Nozzle : 1.8~2.0 mm
- Pressure : 40~60 psi

Brush and roller

- T/up for minor area

SURFACE PREPARATION

- Steel : blast cleaned to ISO-Sa2.5 (SSPC-SP10), blasting profile 40-70 microns
- Shop-primer painted surface: SPSS-Ss (Sweeping)

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.

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>



Product Data Sheet

SikaCor® E Zinc

March 2020, Version 01.01
020602000400000005

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.

SikaCorEZinc-en-KR-(03-2020)-1-1.pdf