

PRODUCT DATA SHEET

SikaCor® Zinc-75

TWO COMPONENTS MOISTURE CURING ZINC SILICATE COATING

DESCRIPTION

SikaCor Zinc 75 is a two-component, solvent-borne, self-curing, inorganic zinc silicate with outstanding resistance against weathering and abrasion. Offers cathodic protection of local mechanical damage.

USES

SikaCor® Zinc-75 may only be used by experienced professionals.

- As a general purpose, heavy-duty, rust preventing primer
- As a single, complete coating 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
- Resistance to cyclic dry temperature from - 90°C up to 400°C
- Excellent cracking resistance up to 100 microns

PRODUCT INFORMATION

Packaging	SikaCor zinc 75 PT-A	15.5L / 16.0L
	SikaCor zinc 75 PT-B	2.5L / 2.0L
Appearance / Colour	Grey	
Shelf life	(A) 9 months, (B) 3 years	
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. 1.92 / 1.78 (kg/L)	
Solid content by volume	63% ± 3	

SYSTEMS

Systems	1st coat : SikaCor® Zinc-75	50-75 microns
	2nd coat: SikaCor® 202 EM, SikaCor® 100 EM or SikaCor® 202 E MIO	

APPLICATION INFORMATION

Mixing Ratio	Component A : B = 86 : 14 (by volume) 89 : 11 (by volume)
Thinner	SikaCor® Thinner No.10 (thinning less than 5% by volume)
Consumption	8.4m ² /L for DFT 75 microns
Layer Thickness	50-75 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 90%.
Pot Life	Min. 6 hours (at 20°C)
Waiting Time / Overcoating	Min. 2 hours (at 20°C. It may be longer under 50% relative humidity).
Drying time	Approx. 30 minutes (dry to touch, at 20°C)

APPLICATION INSTRUCTIONS

EQUIPMENT

AIRLESS SPRAY

- Nozzle orifice : 0.017-0.025 inch
- Nozzle pressure: approx. 1900 psi

AIRSPRAY

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

CAUTION

- Brush/Roller application is not recommended
- Application is not recommended under 50% relative humidity

SUBSTRATE 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.

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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