

PRODUCT DATA SHEET

Sika Zinc Rich[®]-2

TWO COMPONENT ZINC RICH EPOXY PRIMER

DESCRIPTION

Sika Zinc Rich[®] -2 is two components cold curing zinc rich epoxy primer designed as an anti corrosive quick drying weldable primer for various paint systems.

USES

To provide excellent protection against corrosion for iron, re-bars and steel structures.

CHARACTERISTICS / ADVANTAGES

- Highly bonded to regular steel .
- Very good impact resistance.
- Not applicable to be applied over galvanized steel .
- Excellent resistance to water, weathering and abrasion.
- Excellent rust inhibiting properties.
- Excellent adhesion between reinforcement bars and concrete.

APPROVALS / CERTIFICATES

Sika Zinc Rich -2 has been tested as per SCAQMD Method 304-91
Result VOC Content < 400 g/L

PRODUCT INFORMATION

Composition	Epoxy modified Zinc with Zinc content > 45%
Packaging	Two packs (A+B) 5 kg
Appearance / Colour	Metal Gray
Shelf life	12 months from date of production if stored properly in original unopened packing
Storage conditions	In dry conditions far from direct sunlight.
Density	1.78 Kg/l

APPLICATION INFORMATION

Mixing Ratio	Comp. (A : B) by wt. = 5 : 1	
Consumption	250 g/m ² for DFT 100 microns.	
Product Temperature	Minimum 5 °C	
Drying Stage 6	Dry to touch 40 min.	Dry to re-coat 100 min.
Curing Time	4 - 7 days For full curing depending on Ambient Air Temperature , Relative Air Humidity	
Waiting Time / Overcoating	100 min	
Drying time	Depending on layer thickness and temperature final hardness is achieved.	

APPLICATION INSTRUCTIONS

SURFACE PREPARATION

Surfaces should be dry, clean and treated to epoxy coatings requirements.
Oil or grease or any other contaminations should be totally removed.

MIXING

Stir the contents of pack (A) to disperse the soft settlement, and then add pack (B) and mix until a uniform consistency is obtained.

APPLICATION

By stiffed brush or roller or airless spraying.

Condition during application

The temperature of the steel should be min. 10°C during application.

Do not expose the primer to water, chemicals or mechanical stress before it is fully cured.

FURTHER INFORMATION

- Fresh layer of Sika Zinc Rich - 2 must be protected from moisture and rain water .
- When more than one layer is required , broadcast the underneath surface where it is still tacky to enhance the mechanical bonding .

BASIS OF PRODUCT DATA

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

LOCAL RESTRICTIONS

Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application

fields.

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.

- Use goggles, gloves and breathing mask when applying.
- Apply forced ventilation in confined spaces.
- Skin splashes to be removed with hand cleaner, soap and water.
- Eye splashes to be washed with plenty of water.
- If ingested seek medical advice.

Ecology

- Do not dispose of into water or soil but according to local regulations.

Transport

- Non-hazardous.

Toxicity

- Non-Toxic under relevant health and safety codes.

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. It may be necessary to adapt the above disclaimer to specific local laws and regulations. Any changes to this disclaimer may only be implemented with permission of Sika® Corporate Legal in Baar.

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Product Data Sheet

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