

PRODUCT DATA SHEET

Sika Zinc Rich[®]-1

ONE COMPONENT EPOXY ZINC RICH PRIMER

DESCRIPTION

It is an epoxy one component primer, modified with zinc to provide protection against corrosion for steel and iron structures.

USES

As an anti corrosive primer directly applied on prepared metal surfaces in industrial and marine areas.

CHARACTERISTICS / ADVANTAGES

Sika Zinc Rich[®]-1 used to obtain:

- Higher bond
- Good abrasion resistance
- Very good impact resistance.

APPROVALS / STANDARDS

Sika Zinc Rich[®]-1 has been tested as per SCAQMD Rule 1168.

Result: VOC Content < 400 g/L

PRODUCT INFORMATION

Packaging	1 Kg and 5 kg tins
Appearance / Colour	Metal Gray
Shelf Life	12 months from date of production if stored properly in original unopened packing
Storage Conditions	Store in dry conditions
Density	1.6 kg/l

TECHNICAL INFORMATION

Chemical Resistance	The completely cured material is weather and water resistant, as well as mechanically resistant.
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APPLICATION INFORMATION

Consumption	0.25 – 0.3 Kg/m ² for one coat.
Product Temperature	Minimum 5 °C
Drying Stage 6	Dry to Touch 20 min
Drying Time	Depending on layer thickness and temperature final hardness is achieved.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

Sika Zinc Rich® -1 is supplied ready for use. It must be stirred thoroughly before and during application, preferably with an electric stirrer.

SURFACE PREPARATION

Sand-blasting is recommended. Substrate must be clean free from oil, grease and other impurities.

APPLICATION

By Brush or Roller:

With round brush or normal roller. The material is easy to apply, if applied uniformly and richly.

By Spray:

Pressure vessel with high pressure air gun, 1.8 – 2.0 mm nozzle, 3-4 bar.

Apply perpendicularly in case of double coating. The second coat applied minimum 1 hour after the first coat.

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

Ecology

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

Transport

- Non-hazardous.

Safety Precautions

- Accidental splashes to the skin must be washed off with water and soap.
- Accidental splashes to the eyes or mucous membrane must be rinsed with clean warm water. Seek medical attention without delay.

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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