

# PRODUCT DATA SHEET

## SikaCor® Zinc R MY

### COLD GALVANIZING COATING

#### DESCRIPTION

Formerly known as Friazinc RMY. SikaCor® Zinc R MY is a ready-to-use synthetic polymer based zinc rich coating. The use of SikaCor® Zinc R MY provides a method of applying galvanic protection by standard paint application methods. It is a cold galvanizing compound preventing corrosion of steel substrates in the same manner as hot dip galvanizing. When applied to a ferrous surface, the zinc in SikaCor® Zinc R MY acts as the anode and sacrifices itself preferentially to protect the steel, which acts as the cathode.

#### USES

SikaCor® Zinc R MY may only be used by experienced professionals.

- Single coat finish on steel objects which are subject to atmospheric exposure or in multiple coat paint systems as a protective primer
- SikaCor® Zinc R MY is widely used as an anti-corrosion coating for steel structures and as a protective coating for reinforcement steel bars in reinforced concrete and as a repair material for galvanized steel which has been damaged by cutting, punching, drilling or mechanical damage suffered during transit or during erection works.

Not recommended for:

- Immersion without suitable topcoats
- Exposure to strong acids and alkalis

#### CHARACTERISTICS / ADVANTAGES

- Fast dry – minimum down time
- Anti-corrosion – protects steel with galvanized reactions
- Easy application
- Single coat protection for steel

#### PRODUCT INFORMATION

<b>Packaging</b>	5 kg can
<b>Shelf Life</b>	12 months from date of production
<b>Storage Conditions</b>	Store properly in undamaged and unopened, original sealed containers, in dry conditions at temperatures between +5 °C and +35 °C. Protect from direct sunlight.
<b>Solid content by volume</b>	40 ± 2 %

## TECHNICAL INFORMATION

Chemical Resistance	Exposure	Splash and spillage	Fumes
	Acids	Poor	Poor
	Alkalis	Poor	Poor
	Solvents	Poor	Good
	Salt water	Excellent	Excellent
	Water	Excellent	Excellent

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Temperature Resistance	Continuous	93 °C
	Non-continuous	120 °C

## APPLICATION INFORMATION

Consumption	Recommended thickness	50 microns Dry Film Thickness (DFT)
	Theoretical coverage	0.21 kg/m <sup>2</sup> at 50 microns DFT
	Number of coats	1 or 2 coats recommended

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Dew Point	Beware of condensation. Substrate temperature during application must be at least 3 °C above dew point.	
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Substrate Temperature		
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Curing Time	Touch dry	15 minutes
	Top coat	4 hours

## APPLICATION INSTRUCTIONS

### MIXING

Mix to a uniform consistency before thinning. Thin not more than 10 % by volume with Thinner C.

### APPLICATION

SikaCor® Zinc R MY can be spray applied. Hold gun 8–10 inches from the surface and at a right angle to the surface. Make a 50 % overlap with each pass of the gun. Application by roller is not recommended.

### CLEANING OF TOOLS

Clean all tools and application equipment with Thinner C immediately after use. Hardened or cured material can only be removed mechanically.

## 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.

## 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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