

Disclaimer :

The information in this data sheet is given to the best of SIFC knowledge and practical experience. Users may consult with SIFC on the general suitability of the product for their needs and specific application practices though it remains each user's responsibility to determine the suitability of the product for the user's particular use. The condition of the substrate and application are not within SIFC control. Therefore no implied conditions, warranties or other terms will apply to the Product. SIFC does not and cannot warrant the results which the user may obtain by using the product. In no event will SIFC be liable to the user for any kind of loss (whether direct or indirect) even if SIFC was previously advised of it. In line with SIFC policy for continuous development, SIFC reserves the right to modify the product and the information in this data sheet without prior notice. It is the user's responsibility to check with SIFC for the latest version of this data sheet.

TECHNICAL DATA

S.no	Name of test	Result	Test method
1	Color and appearance	Gray	--
2	Solids by Weight %	88 ± 2% A+B	--
3	Pot life @ +20 °C	> 6 hours	--
4	Volume Solids, %	68 ± 2%	--
5	Specific Gravity	2.62 kg/l Mixed	--
6	VOC	Max. 540 g/L (EPA Method 24)	--
7	Typical Thickness 50 - 80 mic dry film	77-123 mic wet film	--
8	Mixing Ratio	Base = 8.65 KG and Hardener = 1.35 KG Base and hardener should be mixed	

NOTE : THE ABOVE SHOWN TECHNICAL DATA ARE RESULTS OBTAINED IN LABORATORY AND EXTRA DETAILS CAN BE PROVIDED UPON REQUEST. IN ACCORDANCE TO ASTM AND UEAtc STANDARDS RESULTS ARE SUBJECTED TO A VARIATION OF 20 % .

SI EPOXY ZINC RICH PRIMER



SI EPOXY ZINC RICH is a 2K Zinc Rich Epoxy Primer with excellent adhesion on shot blasted Iron or Steel substrates. SI EPOXY ZINC RICH has high performance corrosion protection, with air- and force dry capabilities, chromate and lead free. This Zinc Rich Epoxy primer must be recoated with Primer or Topcoat. This product can be used as wet on wet and for higher film thicknesses up to 100µm.

Use :

It is designed as a primer for long-life protection on steel surfaces of bridges, petrochemicals, power generators, offshore facilities, port machineries and hydro facilities in highly corrosion environment. Excellent protective barrier to the steel from corrosive attack.

Application Conditions :

Do not apply if the application surface or ambient temperature is below 50°F (10°C) or above 95°F (35°C), or if the atmospheric temperature is within 5°F of the dew point. Relative humidity should be below 90%.

Surface Preparation

All surfaces must be clean, dry and free of loose rust, oil, grease and all other contamination.

Application Equipment

Apply by spray for best results. The Zinc Rich Epoxy Primer may also be applied by brush for small touch up areas.

Storage & shelf life :

Warning: All handling and/or use activities of the material and its components must strictly refer to the given

Shelf life :

Base 12 months in the suggested storage conditions (original unopened packaging)

Hardener :

12 months in the suggested storage conditions (original unopened packaging)

Health and safety :

indications in the Safety Data Sheet (Base and Hardener). The following advices are stated by common sense

Precautions :

in good faith, they are uncompleted and do not substitute the content of each specific safety data sheet of the product.

Handling :

The material must be used only by professional and qualified applicators suitably trained. All the operations involving the use of the product.

Precautions :

When the product is used in enclosed areas (rooms, containers, vessels, etc.) it is imperative to use adequate means providing the necessary air circulation, to be granted during the whole application and coating polymerization time, also to avoid conditions open to potential explosion danger. All electrical installations must always be grounded. Where explosion hazards exist, the workmen should be required to use only non-ferrous tools and wear conductive non-sparking shoes and clothing. Explosion and flame-proof equipment too are required.

Storage and transport :

Keep far from flames, sparks or heat sources. Do not leave exposed under direct solar action. Store under shelter in original unopened packaging, in cool, dry and ventilated areas, at temperatures between +5°C and +35°C.

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