

TRS ZINC EPOXY HB _____ **0012**

Product description:

TRS Zinc Epoxy HB is an organic zinc primer for protection of structural steel in salt or weathering environments. Easy to apply. Cures to a hard, tough film.

TECHNICAL DATA

Type	Two-component high build, zinc-rich primer based on epoxy-polyamide.		
Recommended use	An excellent primer over blast cleaned steel, and for touch-up or recoating of inorganic zinc silicate primed areas. Used for structural steel in chemical processing, containers, ship building etc.		
Surface Preparation	Blast cleaning to min. SA 2.5 (ISO 8501-1) or alternatively directly to inorganic zinc primers or weathered galvanized steel in good condition. The surface must be dry and free from zinc salts, oil, grease and other contaminations prior to painting. Surface roughness blast cleaned steel: 50-75 microns (ISO 8503-I).		
Physical Data	Colour	: Blue tinted	
	Flash point	: Part A:6°C Part B : 12 °C	
	Volume solids	: 60%	
	Temperature Resistance:	Continuous: 80 °C	Non-Continuous: 110°C
Application Details	Mixing ratio	: Part A:B = 4:1 by volume	
	Thinner	: TRS Thinner No. 25	
	Application Data	: Airless spray, brush, roller	
		Stir well before use.	
		Minimum temperature	: 10 °C
		Maximum humidity	: 85 %
		For airless spray:	
		Nozzle	: 0.021"-0.025" Angle : 40°-80°
		Paint output pressure	: 170 Kgf/cm ² (2400Psi)
		Thinning	: 0 - 5 % (by volume)
Film Thickness	:Wet	: 85 microns	
	Dry	: 50 microns	
Spreading Rate	: 12.0 m ² /ltr (at DFT 50 microns)		
Specific Gravity	: Approx. 2.6 Kg/Ltr.mixed		
Preferable preceding coating	Apply on properly blast cleaned steel, inorganic zinc or weathered galvanized Steel.		
Preferable subsequent coating	Can be topcoated with epoxies, polyurethanes, epoxy coal tars, vinyls, chlorinated rubbers, acrylics, silicones or other as recommended.		
Packing	Two packs product.		

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Coating data

	Temperature	5 °C	10°C	20°C	30°C
Drying time (at DFT 50µ)	surface dry	---	60 mins	30 mins	15 mins
	hard dry	---	7 days	5 days	3 days
Overcoating intervals (at DFT 50µ)	minimum	---	6 hrs	3 hrs	1 hr
	maximum	---	---	---	---

Pot Life : 12 hours at 20°C and less at higher temperatures.

Health and Safety Risk phrases:
Safety phrases
Contains

The Personal Protection advice for this product is listed under P.P.A. No. 3/5. Additional information can be obtained from the product Health and Safety Data Sheet which is available on request. The minimum safety precautions in dealing with this paint are:

- a. Observe the precautionary notices displayed on the container.
- b. Provide adequate ventilation.
- c. Avoid skin contact and inhalation of spray mist.
- d. If the product comes into contact with the skin, wash thoroughly with luke warm water and soap. If the eyes are contaminated, rinse with water and seek medical advice immediately.
- e. Since the product contains flammable materials, keep away from sparks and open flames. No smoking should be permitted in the area.

Definitions	Tolerances	The numerical information quoted in this Technical Data Sheet is subject to normal Manufacturing tolerances.
	Spreading Rate	The spreading rate can vary depending on application conditions, the geometrical complexity of the structure, the weather conditions, etc.
	Volume Solids	The volume solids figure given in this Technical Data Sheet is the percentage of dry film obtained from a given wet film thickness under specified application rate and conditions measured by the manufacturer Standard Method corresponding to ASTM method D2697.
	Overcoating Intervals	The intervals given assume preparation consistent with good painting

Safety information When Health, Safety or Environmental information is required a Health and Safety Data Sheet can be obtained from the manufacturer.