

## **TRS EPOXY PRIMER HB \_\_\_\_\_ 0501**

**Product description:**

TRS Epoxy Primer HB has excellent resistance to salts, water and alkalies. Has very good resistance to mild acids and solvents. Excellent corrosion resistance.

**TECHNICAL DATA**

<b>Type</b>	Two component, high build epoxy polyamide primer.		
<b>Recommended use</b>	Particularly recommended as a primer on blast cleaned or shopprimed areas. On decks, topsides, tanks, pipelines, offshore-constructions, underwater areas, etc		
<b>Surface Preparation</b>	Blast cleaning to min. Sa 2.5 (ISO 8501-1). The surface must be free from oil, grease and dirt and be dry prior to painting.		
<b>Physical Data</b>	Colour	: Red, Grey and Aluminium	
	Flash Point	: Part A: 25°C Part B: 25°C	
	Volume solids	: 52 %	
	Temperature Resistance	: Continuous: 90 °C Non-Continuous: 120°C	
<b>Application Details</b>	Mixing ratio	: Part A:B = 2:1 by volume	
	Thinner	: TRS Thinner No.25	
	Application Data	: Airless spray, brush*, roller* Stir well before use.	
	Minimum temperature	: 10 °C	
	Maximum humidity	: 80%	
	For airless spray:		
	Nozzle: 0.021"-0.027"	Angle	: 65-80°
	Paint output pressure	: 160 kg/cm <sup>2</sup> (2300 psi)	
	Thinning	: 0 - 5% (by volume)	
	Film Thickness	: Wet	: 190 microns
		: Dry	: 100 microns
	Spreading Rate	: 5.2 m <sup>2</sup> /ltr. (at DFT 100 microns)	
	Specific Gravity	: Approx. 1.3 Kg/Ltr. mixed	
<b>Preferable preceding coating</b>	Blast cleaned steel or shopprimed areas. Have an excellent adhesion to galvanized steel		
<b>Preferable subsequent coating</b>	May be topcoated with epoxy or polyurethane coatings.		
<b>Packing</b>	Two packs product.		
<b>Note:</b>	* Sufficient thickness is difficult to obtain in one coat by brush or brush		

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**Coating data**

	Temperature	5 °C	10°C	20°C	30°C
Drying time (at DFT 100µ)	surface dry	----	8 hrs	4 hrs	2 hrs
	hard dry	---	14 days	7 days	3 days
Overcoating intervals (at DFT 100µ)	minimum	---	16 hrs	8 hrs	4 hrs
	maximum	---	12 days	6 days	3 days

**Pot Life** : 8 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 may vary with 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 correspond to ASTM method D2697.
Overcoating Intervals	The intervals given assume preparation consistent with good painting practice.

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