

TRS TAR EPOXY _____ 0512

Product description:

A heavy-duty, high-build coating for protection of steel and concrete in immersion service
Cures to a hard, smooth finish.

TECHNICAL DATA

Type Two component epoxy-coal tar coating.

Recommended use Particularly recommended as a rust prevention primer on hulls below waterline. The paint gives an excellent protection of car pontoons, tanks, holds, ballast tanks and other places or parts exposed to water, mechanical damage and aggressive chemicals.

Surface Preparation Blast cleaning to min. Sa 2.5 (ISO 8501-2). The surface must be free from oil, grease and dirt and be dry prior to painting.

Physical Data

Colour	: Black or Dark brown
Flash Point	: Part A: 25°C Part B: 25°C
Volume solids	: 72 %
Temperature Resistance	: Continuous: 90 °C Non-Continuous: 120°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	: Dew point + minimum 5°C
For airless spray:	
Nozzle: 0.021"-0.027"	Angle: 65-80°
Paint output pressure	: 160 kg/cm2 (2300 psi)
Thinning	: 5 - 15 % (by volume)
Film Thickness	:Wet : 175 microns
	Dry : 125 microns
Spreading Rate	: 5.8 m ² /l (at DFT 125 microns)
Specific Gravity	: Approx. 1.3 Kg/Ltr.mixed

Preferable preceding coating Blast cleaned steel or shop primed surfaces.

Preferable subsequent coating Normally none. For underwater hull, use antifouling as recommended. Coal tar bleed through. is likely with most topcoat

Packing Two packs product.

Note: * For small areas and Touch-up work coating in to all irregularities.

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Coating data

	Temperature	5°C	10°C	20°C	30°C
Drying time (at DFT 125µ)	surface dry		12 hrs	6 hrs	3 hrs
	hard dry		14 days	7 days	4 days
Overcoating intervals (at DFT 125µ)	minimum		36 hrs	12 hrs	6 hrs
	maximum		6* days	6*days	2* 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.

Note: *If Max. Recoating interval is exceeded, the surface has to be roughened by light abrasive sweeping or softened with a Suitable, strong solvent.