

Product Data Sheet

Transpoxy Tar S.F. 10.09

Product description.

A two-pack high build, solvent free, coal tar epoxy paint with outstanding sea water resistance that makes it eminently suitable for use as an anticorrosive on underwater areas. It can also be applied behind linings, void spaces and ballast tanks. Its solvent free nature makes it suitable for use as a tank coating, especially for sewerage tanks. The product offers good resistance against corrosion in sever industrial and marine environment. Formulated to provide thicknesses up to 250 microns in a single coat. Suitable for concrete surface also. For concrete, Transpoxy Penetrating Sealer 10.00 is the suitable primer.

Physical properties.

Colour/Texture Black/Brown / Semi Glossy

Volume Solids 100 %

Specific gravity 1.26 + 0.02 gr/ml

Flashpoint >30°C

	Dry film thickness per	Wet film thickness per	Theoretical spreading
	coat (µ)	coat (µ)	rate (m²/l)
Range	250 – 300	250 – 300	4.0 – 3.3
Recommended	250	250	4.0

Application data.

Mixing ratio

By volume, base to hardener: 75 to 25.

Potlife 5°C: 4 hours, 23°C: 2 hours, 30°C: 1.5 hours.

Guiding data Airless spray Pressure at nozzle: 140 -180 bar. Nozzle size: 0.38 - 0.53 mm.

Spray angle: 40 - 80 degrees. Volume of thinner: 0 - 5%.

Guiding data Airspray Pressure. 3 - 5 bar. Nozzle size: 1.5 - 2.0 mm.

Volume of thinner: 0 - 10%.

Brush/Roller Suitable. Multicoats are required to achieve the specified dry film thickness.

Volume of thinner: 0 - 5%.

<u>Thinner/Cleaner</u> Transocean Epoxy Thinner 6.03.

Conditions Humidity: below 85% RH.

Temperature of the paint before application: min: 5°C, max: 30°C.

Substrate temperature: min: 5°C, max: 35°C.

The temperature of the substrate should be at least 3°C above the dew point of the air. Air temperatures and relative humidity must be measured in the

vicinity of the substrate.

Drying and recoating times.

Substrate	Touch dry	Dry to handle	Full cure	Dry	Dry to recoat	
temperature				Minimum	Maximum (1)	
10 °C	12 hours	36 hours	14 days	24 hours	5 days	
23 °C	8 hours	24 hours	7 days	12 hours	2 days	
30 °C	6 hours	18 hours	5 days	10 hours	2 days	

(1) The surface should be dry and free from contaminants prior to overcoating. When the maximum recoating time is exceeded it may be necessary to roughen the surface to ensure inter coat adhesion. When in doubt, consult your nearest Transocean office.

Surface preparation.

Steel Oil and grease should be removed by solvent cleaning according to SSPC-SP1.

Remove weld spatter and smooth weld seams and sharp edges as applicable.

Abrasive blasting: min. Sa2,5 – ISO 8501:1.

Apply Transpoxy Tar S.F.10.09 immediately after the steel has been blasted

and the quality of preparation has been approved.

Transpoxy Tar S.F.10.09 may also be applied on suitable primer such as Transozinc or Transpoxy primers. Ensure that primed surfaces are dry and free from salts and other contaminants. If applied on concrete, application of Transpoxy Penetrating Sealer 10.00 prior to that of T.O.10.09 will enhance

adhesion.

Repair Corroded areas should be power tool cleaned to ISO-St3 or blast cleaned to

ISO-Sa2 or better. Existing systems should be dry and free from loose paint, salt, grease and other contaminants prior to overcoating. For concrete, existing paint should cleaned free of dust, dirt, oil and grease. Paint surface should be properly abraded to ensure adhesion of the fresh coat of paint to the existing

paint.

Recommended paint system.

A typical high performance system is shown below.

Transpoxy H.B.Zinc Phosphate 10.06 (for 1 x 50 µ dft.

steel)

Or

Transpoxy Penetrating Sealer 10.00(for $1 \times 50 \mu$ dft.

concrete)

Transpoxy Tar S.F.10.09

 $1 \times 250 \mu$ dft.

Health and safety.

Observe the precautionary notices on the label of the container. A material safety data sheet is available upon request and national or local safety regulations should be followed. This product is intended for use by professional applicators.

As a general rule, avoid skin- and eye contact by wearing overalls, gloves, goggles, mask, etc. Spillage on the skin should immediately be removed by thorough washing with lukewarm water and soap or a suitable industrial cleaner. Eyes should be flushed with fresh water and medical attention sought immediately. Spraying should be carried out under well-ventilated conditions. Avoid inhalation of solvent vapours and paint mist by wearing an air mask.

This product contains flammable materials and should be kept away from sparks and open flames. Smoking in the area should not be permitted.

Disclaimer

The information in this data sheet is provided to the best of our knowledge. However, we have no control over either quality or condition of the substrate and other factors affecting the use and application of this product.

Therefore, we cannot accept any liability whatsoever or howsoever arising from the performance of the product or for any loss or damage arising from the use of this product.

We reserve the right to change the product without notice.

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