Product Data Sheet

Transpoxy Tar AA 2.12 H.B

Product description.

A two pack ,amine adduct cured, coal tar epoxy coating with outstanding seawater resistance that makes it eminently suitable for use as an anticorrosive on underwater areas (especially where cathodic protection is envisaged), abrasion and chemical resistance is required. Recommended for underwater areas of marine-, offshore- and stationary structures of both steel and concrete.

Physical properties.

Colour/Texture	Black and Brown/ Semigloss
Volume Solids	76%
Specific gravity	1.4 gr/ml
Flashpoint	>25°C

	Dry film thickness per coat (µ)	Wet film thickness per coat (µ)	Theoretical spreading rate (m^2/l)
Recommended	200	265	3.8

Application data.

Mixing ratio	By volume, base to hardener: 80 to 20.
Potlife	10°C: 8 hours, 23°C: 4 hours, 30°C: 3 hours.
Induction time	20 minutes.
Guiding data Airless spray	Pressure at nozzle: 180 -250 bar. Nozzle size: 0.48 - 0.78 mm. Spray angle: 40 - 80 degrees. Volume of thinner: 0 - 5%.
Guiding data Airspray	Pressure. 4 - 6 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%.
Thinner/Cleaner	Transocean Epoxy Thinner 6.03.
Conditions	Humidity: below 85% RH. Temperature of the paint before application: min: 10°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 temperature	Touch dry	Dry to handle	Full cure	Dry to recoat	
				Minimum	Maximum (1)
10 °C	12 hours	24 hours	14 days	16 hours	5 days
23 °C	6 hours	18 hours	7 days	8 hours	2 days
30 °C	4 hours	12 hours	5 days	6 hours	1 day

(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 intercoat adhesion. When recoating with single pack products, maximum recoat interval is limited to 16-24 hours. 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 AA 2.12 H.B immediately after the steel has been blasted and the quality of preparation has been approved. Transpoxy Tar AA 2.12 H.B may also be applied on Transpoxy primers such as Transozinc Epoxy Primer 10.04. Ensure that primed surfaces are dry and free from salts and other contaminants prior to overcoating.
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.

Recommended paint system.

A typical system for immersion conditions is shown below.

Transpoxy Tar AA 2.12 H.B Brown	1 x 200 µ dft.
Transpoxy Tar AA 2.12 H.B Black	1 x 200 µ 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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