

Product Data Sheet

Transpoxy Barrier 92.16

Product description.

A tarfree, polyamide cured epoxy coating with an excellent seawater- and corrosion resistance. The product is high-build and can be applied at 250 micron dry film thickness in a single coat. Transpoxy Barrier offers good levelling- and wetting properties which enables tolerance to a lower degree of surface preparation.

Physical properties.

Colour/Texture Whitegrey and Redbrown/Semi-gloss

Volume Solids67%Specific gravity1.4 gr/mlVOC280 gr/literFlashpoint>16°C

	Dry film thickness per	Wet film thickness per	Theoretical spreading	
	coat (µ)	coat (µ)	rate (m²/l)	
Range	100 – 250	150 – 375	6.7 – 2.7	
Recommended	150	225	4.5	

Application data.

Mixing ratio By weight, base to hardener: 85 to 15.

By volume, base to hardener: 75 to 25.

Potlife 10°C: 6 hours, 23°C: 4 hours, 30°C: 3 hours.

Guiding data Airless spray Pressure at nozzle: 180 -250 bar. Nozzle size: 0.53 - 0.66 mm.

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

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: 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	Touch dry	Dry to handle	Full cure	Dry to recoat	
temperature				Minimum	Maximum (1)
10 °C	8 hours	24 hours	14 days	18 hours	14 days
23 °C	6 hours	16 hours	7 days	12 hours	10 days
30 °C	4 hours	12 hours	5 days	12 hours	7 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 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 Barrier 92.16 immediately after the steel has been blasted and

the quality of preparation has been approved.

Transpoxy Barrier 92.16 may also be applied on Transpoxy primers such as Transozinc Epoxy Primer 1.55. 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 Barrier 92.16 2 x 150 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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