



Product Data Sheet

Transpoxy Barrier 2.16

Product description.

A tar free, polyamide cured epoxy coating with 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 leveling and wetting properties which enables tolerance to a lower degree of surface preparation. The product complies with FDA §175.300 for the carriage of dry foodstuffs.

For faster curing at ambient temperatures, or application at temperatures down to 0° C, a special hardener is available.

Physical properties.

Colour / Texture	Off White
Volume Solids	67%
Specific gravity	1.4 gr/ml
VOC	287 gr/litre
Flashpoint	>16°C

	Dry film thickness per coat (µ)	Wet film thickness per coat (µ)	Theoretical spreading rate (m ² /l)
Range	100 – 250	150 – 375	6.7 – 2.7
Recommended	150	225	4.5

Application data.

<u>Mixing ratio</u>	By volume, base to hardener: 3:1
<u>Pot-life</u>	10°C: 6 hours, 23°C: 4 hours, 30°C: 3 hours.
<u>Guiding data - Airless spray</u>	Pressure at nozzle: 180 -250 bar. Nozzle size: 0.53 - 0.66 mm. Spray angle: 40 - 80 degrees. Volume of thinner: 0 - 5%.
<u>Brush / Roller</u>	Suitable. Multiple coats are required to achieve the specified dry film thickness. Volume of thinner: 0 - 5%.
<u>Thinner / Cleaner</u>	Transocean Epoxy Thinner 6.03.

Drying and recoating times.

Substrate temperature	Touch dry	Dry to handle	Full cure	Dry to recoat	
				Minimum	Maximum (2)
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 given data must be considered as guidelines only. The actual drying time/times before recoating may be shorter or longer, depending on film thickness, ventilation, humidity, preceding paint system etc

(2) The surface should be dry and free from contaminants prior to overcoating. The best intercoat adhesion is achieved when the subsequent coat is applied before the preceding coat is fully cured. After prolonged exposure it may be necessary to roughen the surface to ensure intercoat adhesion. When in doubt, consult your nearest Transocean office.

