



# 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 Solids 67%  
 Specific gravity 1.4 gr/ml  
 VOC 280 gr/liter  
 Flashpoint >16°C

	Dry film thickness per coat (µ)	Wet film thickness per coat (µ)	Theoretical spreading rate (m <sup>2</sup> /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%.

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	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.

