



Product Data Sheet

Transpoxy Barrier 2.18

Product description.

A high solids epoxy barrier coating with excellent anticorrosive properties and good impact- and abrasion resistance. Good adhesion to St3 prepared steel substrates and compatible with most aged coatings. It can be recoated with various Transocean finishing systems.

Physical properties.

Colour/Texture Redbrown, Grey/Semi-gloss
 Volume Solids 77%
 Specific gravity 1.35 gr/ml
 VOC 194 gr/liter
 Flashpoint >25°C

	Dry film thickness per coat (μ)	Wet film thickness per coat (μ)	Theoretical spreading rate (m ² /l)
Range	100 – 300	130 – 385	7.8 – 2.6
Recommended	150	195	5.2

Application data.

Mixing ratio By weight, base to hardener: 83 to 17.
 By volume, base to hardener: 3 to 1.

Potlife 10°C: 4 hours, 23°C: 2 hours, 30°C: 1 hour.

Guiding data Airless spray Pressure at nozzle: 180 – 250 bar. Nozzle size: 0.41 - 0.58 mm.
 Spray angle: 40 - 80 degrees.
 Volume of thinner: 0 - 5%.

Brush Suitable but airless spray is recommended. Multicoats are required to achieve the specified dry film thickness.
 Volume of thinner: 0 - 10%.

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: 10°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	Hard dry	Full cure	Dry to recoat (1)		
				Minimum	Maximum with 1-pack.	Maximum with 2-pack
10 °C	4 hours	24 hours	8 days	24 hours	7 days	Indefinite
23 °C	2 hours	16 hours	5 days	16 hours	5 days	Indefinite
30 °C	1 hour	6 hours	3 days	8 hours	3 days	Indefinite

(1) 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.

