



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 Light Grey N35 / Semi-gloss
 Volume Solids 80%
 Specific gravity 1.35 gr/ml
 VOC 194 gr/litre
 Flashpoint >25°C

	Dry film thickness per coat (μ)	Wet film thickness per coat (μ)	Theoretical spreading rate (m ² /l)
Range	100 – 300	125 – 375	8.0 – 2.7
Recommended	150	190	5.3

Application data.

Mixing ratio By volume, base to hardener: 3 : 1

Pot-life 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. Multiple coats are required to achieve the specified dry film thickness.
 Volume of thinner: 0 - 10%.

Thinner / Cleaner Transocean Epoxy Thinner 6.03.
 If thinning is necessary, this should be added after mixing of the two Components. Avoid excessive thinning as it will result in lower sag resistance and slower cure.

Drying and recoating times.

Substrate temperature	Touch dry	Hard dry	Full cure	Dry to recoat (2)		
				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 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.

