



Product Data Sheet

Transpoxy Guard 4.64

Product description.

A high build polyamine cured epoxy coating for steel and concrete. Transpoxy Guard has good resistance against abrasion and excellent resistance against corrosion. Suitable for immersion in seawater, fresh water and potable water.

Physical properties.

Colour/Texture	White/glossy
Volume Solids	98%
Specific gravity	1.6 gr/ml
VOC	22 gr/liter
Flashpoint	>80°C

	Dry film thickness per coat (μ)	Wet film thickness per coat (μ)	Theoretical spreading rate (m ² /l)
Range	150 – 500	155 – 510	6.5 – 1.9

Application data.

Mixing ratio By Weight, base to hardener: 67 to 33.

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

Guiding data Airless spray Heavy duty single feed airless equipment is advised. Compression 60 : 1. Pressure at nozzle: 180 – 250 bar. Nozzle size: 0.53 - 0.58 mm. Spray angle: 40 - 80 degrees. Volume of thinner: 0 - 3%.

Roller Suitable for stripe coats and touch-up work only. 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: 5°C, max: 40°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 (1).

Substrate temperature	Touch dry	Dry to handle	Full cure	Dry to recoat	
				Minimum	Maximum
10 °C	24 hours	48 hours	7 days	36 hours	10 days
23 °C	16 hours	24 hours	5 days	24 hours	4 days
30 °C	8 hours	16 hours	3 days	16 hours	2 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 in doubt, consult your nearest Transocean office.

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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