



# Product Data Sheet

## Transpoxy Finish 4.59

### Product description.

An epoxy topcoat for interior and exterior use. Good resistance against weathering and the spillage of solvents, lubricants and chemicals. Transpoxy Finish cures to a tough and flexible coating and provides excellent adhesion to Transpoxy priming systems.

### Physical properties.

Colour/Texture	White, Black and Grey and Transocean Colourshades/Full Gloss
Volume Solids	Dependent on colour shade, approx. 58%
Specific gravity	Dependent on colour shade, approx. 1.25 gr/ml
VOC	Dependent on colour shade, approx. 355 gr/liter
Flashpoint	>19°C

	Dry film thickness per coat (μ)	Wet film thickness per coat (μ)	Theoretical spreading rate (m <sup>2</sup> /l)
Range	30 – 75	55 – 130	19.4 – 7.7
Recommended	50	85	11.6

### Application data.

<u>Mixing ratio</u>	By volume, base to hardener: 75 to 25. By weight, base to hardener: 81 to 19.
<u>Potlife</u>	10°C: 12 hours, 23°C: 5 hours, 30°C: 2,5 hours.
<u>Guiding data Airless spray</u>	Pressure at nozzle: 120 - 180 bar. Nozzle size: 0.38 - 0.53 mm. Spray angle: 40 - 80 degrees. Volume of thinner: 0 - 3%.
<u>Guiding data Air spray</u>	Pressure: 3 - 5 bar. Nozzle size: 1.2 - 2.0 mm. Volume of thinner: 0 - 5%.
<u>Brush/Roller</u>	Suitable. Volume of thinner: 0 - 5%.
<u>Thinner/Cleaner</u>	Transocean Epoxy Thinner 6.03.
<u>Conditions</u>	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	12 hours	6 days	12 hours	Indefinite
23 °C	4 hours	8 hours	4 days	8 hours	Indefinite
30 °C	2 hours	4 hours	3 days	6 hours	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 times it may be necessary to roughen the surface to ensure intercoat adhesion. When in doubt, consult your nearest Transocean office.

## Surface preparation.

Coated substrates Existing systems should be dry and free from loose paint, salt, grease and other contaminants prior to overcoating.  
Oil and grease should be removed by solvent cleaning according to SSPC-SP1.  
Remove salts and dirt by fresh water washing.  
Corroded areas should be repaired first with an appropriate primer system.

## Recommended paint system.

Transpoxy Finish can be applied on Transpoxy priming systems. A typical system for atmospheric exposure is shown below.

Transozinc Epoxy Primer ST 1.50	1 x 50 $\mu$ dft.
Transpoxy Intermediate 2.19	1 x 100 $\mu$ dft.
Transpoxy Finish 4.59	1 x 50 $\mu$ dft.

## Worldwide availability

The product is part of the common Transocean product range but local availability is subject to confirmation. Although we strive to supply the same product through the world, slight modifications of the product in some cases may be necessary in order to comply with local conditions and/or national regulations. In such cases an alternative datasheet will issued.

## Health and safety.

Observe the precautionary notices on the label of the container. A material safety data sheet is available upon request and national or local safety regulations should be followed. This product is intended for use by professional applicators.

As a general rule, avoid skin- and eye contact by wearing overalls, gloves, goggles, mask, etc. Spillage on the skin should immediately be removed by thorough washing with lukewarm water and soap or a suitable industrial cleaner. Eyes should be flushed with fresh water and medical attention sought immediately.

Spraying should be carried out under well-ventilated conditions. Avoid inhalation of solvent vapours and paint mist by wearing an air mask.

This product contains flammable materials and should be kept away from sparks and open flames. Smoking in the area should not be permitted.

## 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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