



Product Data Sheet

Transvinypox 2.06

Product description.

A two-pack, modified epoxy designed as a tiecoat or sealer on epoxy anticorrosive systems in order to improve the adhesion of subsequent antifouling systems. It can also be used as a primer on aluminium, galvanized steel, wood and glass fibre. The product cures down to temperatures of 0°C and tolerates a lower degree of surface preparation.

Physical properties.

Colour / Texture Grey / Semi-gloss
 Volume Solids 56%
 Specific gravity 1.29 g/ml
 VOC 386 g/litre
 Flashpoint >24°C

	Dry film thickness per coat (µm)	Wet film thickness per coat (µm)	Theoretical spreading rate (m ² /l)
Range	60 - 100	107 - 179	9.3 – 5.6
Recommended	80	143	7.0

Application data.

Mixing ratio By volume, base to hardener: 4 to 1

Pot-life 5°C: 12 hours 23°C: 8 hours 30°C: 4 hours

Guiding data - Airless spray Pressure at nozzle: 150 - 200 bar. Nozzle size: 17 Thou – 21 Thou.
 Spray angle: 40 - 80 degrees.
 Volume of thinner: 0 - 3%.

Guiding data - Airspray Pressure. 3 - 4 bar. Nozzle size: 1.7 - 2.5 mm.
 Volume of thinner: 0 - 10%.

Brush / Roller Suitable.
 Multiple coats are required to achieve the specified dry film thickness.
 Volume of thinner: 0 - 5%

Thinner / Cleaner Transocean Epoxy Thinner 6.03.

Conditions Humidity: below 90% RH
 Temperature of the paint before application: min: 5°C, max: 30°C.
 Substrate temperature: min: 1°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 with standard hardener 2.06 (B).

Substrate temperature	Touch dry	Dry to handle	Full cure	Dry to recoat	
				Minimum	Maximum (2)
10 °C	12 hours	24 hours	10 days	24 hours	1 month
23 °C	6 hours	16 hours	7 days	16 hours	1 month
30 °C	2 hours	8 hours	5 days	8 hours	14 days

Drying and recoating times with fast curing hardener 2.06 (B-FF).

Substrate temperature	Touch dry	Dry to handle	Full cure	Dry to recoat	
				Minimum	Maximum (2)
10 °C	2 hours	6 hours	7 days	6 hours	14 days
23 °C	90 minutes	3 hours	5 days	3 hours	7 days
30 °C	45 minutes	2 hours	4 days	2 hours	3 days

- (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. If the maximum recoating time is exceeded it may be necessary to roughen the surface to ensure intercoat adhesion. When recoating with single pack products, it is advised to recoat before Transvinyox is fully cured. When in doubt, consult your nearest Transocean office.

Surface preparation.

Steel	Oil and grease should be removed by solvent cleaning according to SSPC-SP1. Remove weld spatter and smooth weld seams and sharp edges as applicable. Abrasive blasting: min. Sa2 – ISO 8501:1. Apply Transvinyox 2.06 immediately after the steel surface has been blasted and the quality of surface preparation has been approved. Transvinyox 2.06 may also be applied on suitable Transpox anticorrosive systems. Ensure that primed substrates are dry and free from salts and other contaminants.
Repair	Existing paint systems should be dry and free from salts and other contaminants. Corroded and/or damaged areas should be blast cleaned to ISO-Sa2 or power tool cleaned to ISO-St3 or Hydroblasted to DW 3 according to STG-2222.
Aluminium/ Galvanized Steel	Solvent cleaning according to SSPC-SP1 followed by light blast cleaning with a fine grade abrasive or by mechanical sanding.
Wood/ Glass fibre	Ensure surfaces are dry, clean and free from grease and other contaminants. Sand lightly.

Recommended paint system.

A typical system for below the water-line is shown below

Transpox Masterbond 4.67N Aluminium	1 x 200 µm dft
Transvinyox 2.06	1 x 100 µm dft.

Subsequent coating with most Transocean finishes or appropriate Transocean antifouling systems.

Application conditions.

The temperature of the substrate should be at least 3°C above the dew point of the air. Temperature and relative humidity should be measured in the vicinity of the substrate.

The maximum recommended surface temperature is approx. 40°C. Higher steel temperatures are acceptable provided dry-spray is avoided by proper spray application and extra thinning if required. In extreme cases it may be necessary to reduce film thickness in order to avoid sagging.

When applying the paint in confined spaces, provide adequate ventilation during application and drying. The temperature of the mixed paint should be at least 15°C, otherwise extra solvent may be required to obtain a proper application viscosity.

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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