Product Data Sheet

Transo OptimaAntifouling2.32

Product description.

A tinfree, conventional antifouling pigmented with cuprousoxide for the protection against fouling for periods up to 12 months depending on area and conditions. The product can be applied on all Transocean anticorrosive systems.

Physical properties.

Colour/Texture	Redbrown/Matt
Volume Solids	58%
Specific gravity	1.71 gr/ml
Flashpoint	>25°C

	Dry film thickness per coat (µ)	Wet film thickness per coat (µ)	Theoretical spreading rate (m^2/l)
Range	50 – 75	85 – 130	11.6 – 7.6
Recommended	75	130	7.6

Application data.

Guiding data Airless spray: Pressure at nozzle: 120 -180 bar. Nozzle size: 0.41 - 0.58 mm.
Spray angle: 40 - 80 degrees.
Volume of thinner: 0 - 3%.

Brush/Roller: Suitable. Multicoats may be needed to achieve the specified dry film thickness.
Volume of thinner: 0 - 5%.

Thinner/Cleaner: Transocean Special Thinner 6.01.

Conditions: Humidity: below 90% RH.
Temperature of the paint before application: min: 10°C, max: 30°C.
Substrate temperature: min: 5°C, max: 30°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	Dry to recoat		Minimum drying time for undocking (2)
			Minimum	Maximum (1)	
10 °C	4 hours	6 hours	8 hours	5 days	12 hours
23 °C	1 hour	3 hours	6 hours	5 days	12 hours
30 °C	30 minutes	2 hours	4 hours	3 days	12 hours

(1) The surface should be dry and free from contaminants prior to overcoating.
(2) It is advised to undock the vessel within two days after application of the final layer as prolonged exposure to sunshine might affect the antifouling performance. When in doubt, consult your nearest Transocean office.

Surface preparation.

Coated substrates	The surface must be dry and free from fouling, salts and other contaminants. Remove salts and dirt by fresh water washing and hard fouling by scraping. Corroded and/or damaged areas should be repaired first with an appropriate primer system.

Recommended paint system.

Transocean Optima Antifouling 2.32 can be applied on Transpoxy, Transoprene, Transvinyl and Transbarrier priming systems. A typical system is shown below.

Transbarrier Anticorrosive 2.02	3 x 75 µ dft.
Transocean Optima Antifouling 2.32	2 x 75 µ dft for 9 to 12 months protection.

Life times expectations are difficult to give, as it is dependent on many factors beyond our control such as vessel's speed and sailing pattern, seawater quality and temperature. Therefore the above stated antifouling specification should be used for guidance only. Consult your Transocean representative for more information.

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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