



Product Data Sheet

Transocean

Cleanship Antifouling 2.91

Product description.

A tin-free polishing antifouling based on specially developed mixture of polymers and pigmented with a combination of biocides. The surface is self-eroding by a carefully adjusted balance of hydrophobic and hydrophilic binders. This mechanism enables leaching control and allows easy recoating after service life. The product is suitable for upgrading existing long-life systems and is suitable on a wide range of vessel types. This antifouling can be specified for dry docking intervals up to 60 months. Product complies with IMO Antifouling System Convention (AFS/CON/26). **APVMA approval no. 92504-135746.**

Physical properties.

Colour / Texture	Red-brown, Pink, Blue, Black / Matt
Volume Solids	52%
Specific gravity	1.75 g/ml
VOC	410 g/litre
Flashpoint	>25°C

	Dry film thickness per coat (µm)	Wet film thickness per coat (µm)	Theoretical spreading rate (m ² /l)
Range	75 – 150	145 – 290	6.9 – 3.4
Recommended (1)	125	240	4.1

(1) Please consult your Transocean representative for recommended DFT, WFT and spread rate.

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 but airless spray is preferred.
Multiple coats 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 (3)
			Minimum	Maximum (2)	
10 °C	1 hour	8 hours	8 hours	6 months	16 hours
23 °C	1 hour	6 hours	6 hours	6 months	12 hours
30 °C	30 minutes	4 hours	4 hours	3 months	12 hours

(2) The surface should be dry and free from fouling and other contaminants. Recoating information is given for guidance only and is subject to local climate and environmental conditions. After prolonged exposure times of the anticorrosive system it may be necessary to roughen the surface to ensure intercoat adhesion. When in doubt, please consult your local Transocean representative for specific recommendations.

(3) It is advised to undock the vessel after application of the final layer at the minimum drying time to undocking. Please note that the undocking time stated refers to a single antifouling coat application. When multiple coats are applied the refloating times should be doubled. Please consult your local Transocean representative when in doubt.

Surface preparation.

Coated substrates –
Maintenance & Repair

The surface must be dry and free from fouling and other contaminants. Surfaces should be treated in accordance with ISO8504:2000. In case of recoating an existing antifouling system, remove salts, fouling, any loose paint and other contaminants by high pressure fresh water cleaning. A water pressure of 5000 psi, as a minimum, is recommended. Ensure compatibility of the old coated substrate with the selected paint system. Damaged coatings should be treated and touched up with the appropriate anticorrosive system.

Recommended paint system.

Transocean Cleanship Antifouling 2.91 can be applied on Transpoxy and Transvinyl priming systems. A typical coating system for application at new building or for full refurbishment only is shown below.

Transpoxy Masterbond	1 x 150 µm dft.
Transvinypox HS 2.06	1 x 125 µm dft.
Transocean Cleanship Antifouling 2.91	2 x 100 µm dft for 36 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.

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 be 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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