Transocean Optima 236

Product description.

A tinfree, conventional antifouling pigmented with a combination of biocides for the protection against fouling for periods up to 18-24 months in areas with moderate to high fouling pressure. The product can be applied on all Transocean anticorrosive systems. Product complies to IMO Antifouling System Convention compliant (AFS/CONF/26).

Physical properties.

Colour	Redbrown
Texture	Flat
Volume Solids	Approx. 57%
Specific gravity	Approx. 1.68 gr/ml
VOC	Approx. 375 gr/liter
Flashpoint	>25°C

	Dry film thickness per coat (µm)	Wet film thickness per coat (µm)	Theoretical spreading rate (m^2/l)
Range	50 - 75	90 - 130	11.4 - 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%.
Guiding data Airspray	Not applicable
Brush	Suitable. Multicoats may be needed to achieve the specified dry film thickness.
Roller	Suitable. Multicoats may be needed to achieve the specified dry film thickness.
Thinner/Cleaner	Transocean Standard Thinner 6.01 Avoid excessive thinning as it will result in lower sag resistance and slower cure. Also it may cause solvent entrapment resulting in possible blistering, pin holing and poor adhesion.

Drying and recoating times (1)

Substrate temperature	Touch dry	Dry to handle	Dry to recoat Minimum	Dry to recoat Max.(2)	Minimum drying time for undocking
10°C	4 Hours	6 Hours	8 Hours	5 Days	16 Hours
23°C	1 Hour	3 Hours	6 Hours	5 Days	12 Hours
30°C	30 Minutes	2 Hours	4 Hours	3 Days	8 Hours

(1)The given data are for guidance only as actual drying times may be shorter or longer, depending on film thickness, ventilation, humidity, preceding paint system etc.

(2)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

Repair of old antifouling systems

All surfaces should be clean, dry and free from contamination. Surfaces should be treated in accordance with ISO 8504:2000. Remove salts, fouling, any loose paint and other contaminants by high pressure fresh water cleaning. A water pressure of 500 bar (approx. 7000 psi) is recommended.

Ensure compatibility of the old coated substrates with the selected paint system. Damaged areas must be treated and touched up with an appropriate primer system. Contact your local Transocean office for more information.

Typical paint system

A typical system for this product is shown below and should be taken for guidance only. A full system specification where all details are taken into consideration can be obtained through your local Transocean representative.

Transbarrier Anticorrosive	Recommended:	75µm DFT
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Life time expectation

Life time 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.

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.

Undocking information

It is advised to undock the vessel after application of the final layer as quickly as possible, but no sooner than the minimum drying time for undocking (see table). Please note that undocking time stated refers to a single coat application. When multiple coats are applied, refloating times should be doubled. When in doubt, consult your nearest Transocean office.

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.

Storage and shelf life

The product must be stored in accordance with national regulations. The cans are to be kept in a dry, cool, well ventilated space and away from source of heat and ignition. Cans must be kept tightly closed.

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. Spraying should be carried out under well-ventilated conditions. 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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