



# Transocean UniPrimer

Code: 7148

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## Product description.

Transocean UniPrimer is fast drying primer for below and above waterline areas. Since the product is single pack it is easy to apply and to recoat. The product provides an excellent barrier against water penetration and was especially designed as a priming system on steel- and wooden hulls.

## Technical properties.

Colour/Texture	Red and Black/Mat
Volume Solids	40%
Specific gravity	1.2 gr/ml
Volatile organic compounds	545 gr/liter
Flashpoint	>25°C

## Surface Preparation

Steel - Oil and grease should be removed by solvent cleaning or by using Gelclean followed by fresh water cleaning. Remove weld spatter and smooth weld seams and sharp edges as applicable. Abrasive blasting: min. Sa 2,5 – ISO 8501:1. Remove dust and debris by vacuum cleaning and apply the first coat of Transocean UniPrimer 7148 immediately.

Corroded areas - Corroded areas should be power tool cleaned to ISO-St3 or blast cleaned to ISO-Sa2 or better. Existing systems should be dry and free from fouling, loose paint, salt, grease and other contaminants prior to overcoating.

Wood – Ensure surface is dry. Sand thoroughly preferably with a mechanical sander and remove the remaining dust. Degrease if necessary with dry rags or rags slightly dampened with water (not solvent).

## Usage instructions

Substrate should be dry and free from contaminations.

Relative Humidity should be less than 90 %RH.

Thin if necessary with 0- 5% of the specified thinner. Mix well to a homogeneous paint.

When applied by brush or roller, apply in smooth and gentle strokes. Apply crosswise to ensure an even distribution of the paint.

When applied by airless or airspray observe spraying recommendations mentioned on the next page. Avoid excessive application as it will result in sagging and a poor appearance.

For underwater areas apply 3 coats by spray to a total system dryfilm thickness of at least 200 micron. When applied by brush or roller, 4-5 coats may be required in order to reach the minimum system thickness.

Whether applying by brush, roller or spray, wear protective clothing, goggles and gloves. Refrain from smoking at all times. For further information refer to label instruction or safety data sheet please.

## Application data.

Mixing ratio by weight	Product is single pack.	
Mixing ratio by volume		
Potlife	Not applicable	
Dry film thickness per coat	70 micron	
Wet film thickness per coat	175 micron	
Thinner	Transocean Special Thinner 7601	
Surface Temperature	Minimum 1°C	Maximum 40°C

## Spray equipment data.

	Conventional spray	Airless spray
Nozzle orifice	1.2 – 2.0 mm	0.38 – 0.53 mm
Air pressure	3 – 5 bar	120 – 180 bar
Volume of thinner	0 – 10%	Not advised.
Practical Spreading rate (m <sup>2</sup> /l)	3.1	4.0

## Drying and recoating times.

Substrate temperature	Dry to recoat	Fully cured	Maximum recoating (1)
10 °C	12 hours	2 days	Indefinite
23 °C	8 hours	1 day	Indefinite
30 °C	4 hours	1 day	Indefinite

(1) The surface should be dry and free from salts and other 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 in order to ensure intercoat adhesion. When in doubt, consult your nearest Transocean office.

## 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. 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.

## 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.

## 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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