



# Product Data Sheet

## Transocean Cold Zinc Primer

### 10.16

#### Product description.

A single component zinc metal coating with pure zinc dust in a special binder for the protection of steel structures against corrosion in industrial and marine environments. It dries by solvent evaporation and the dry film contains  $95 \pm 2\%$  zinc and hence is an excellent alternative to hot dip galvanizing. 10.16 can be used as a touch-up primer on damaged areas of hot dip galvanized steel and also on bare steel surfaces subjected to abrasive blasting to Sa 2.5 standard. Metallic luster of pure zinc metal appears when scratched on the surface. It can be overcoated by Transpoxy Masterbond 4.67 or 4.68. For overcoating with other products, consult the nearest Transocean Man.

#### Physical properties.

Colour/Texture	Grey/Matt
Volume Solids	52%
Specific gravity	2.41 gr/ml
Flashpoint	>22°C

	Dry film thickness per coat ( $\mu$ )	Wet film thickness per coat ( $\mu$ )	Theoretical spreading rate ( $m^2/l$ )
Range	40 – 75	77 – 144	13 – 14.4
Recommended	50	96	10.4

#### Application data.

Guiding data Airless spray Pressure at nozzle: 140 -180 bar. Nozzle size: 0.38 - 0.53 mm.  
Spray angle: 40 - 80 degrees.

Guiding data Airspray Volume of thinner: 0 – 3%.  
Pressure. 3 - 5 bar. Nozzle size: 1.2 - 2.0 mm.  
Volume of thinner: 0 – 10%.

Brush/Roller Suitable. Volume of thinner: 0 – 5%.

Thinner/Cleaner Transocean Special Thinner 6.01

Conditions Humidity: below 85% RH  
Temperature of the paint before application: min: 5°C, max: 30°C.  
Substrate temperature: min: 10°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.

Substrate temperature	Touch dry	Dry to handle	Dry to recoat	
			Minimum	Maximum (1)
10 °C	40 minutes	8 hours	16 hours	Indefinite
23 °C	20 minutes	4 hours	6 hours	Indefinite
30 °C	15 minutes	2 hours	4 hours	Indefinite



### 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. New steel should be blasted to Sa 2.5 standard. Apply Transocean Cld Zinc Primer 10.16 immediately after the steel has been cleaned and the quality of preparation has been approved.
Repair	Damages to the hot dip galvanized surface should be power tool cleaned to ISO-St3. Surface should be dry and free from loose paint, salt, grease and other contaminants prior to touch-up with Transocean Cold Zinc Primer 10.16.

### Recommended paint system.

Transocean Cold zinc Primer 10.16	1 x 50 µ dft.
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### 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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