Product Data Sheet

Transogard Chromate 1.21

Product description.

A quick drying alkyd primer pigmented with zinc chromate for an excellent protection of steel structures against corrosion in industrial and marine environments. The product offers good levelling properties and adheres well on powertool prepared substrates. It can be recoated with all Transocean alkyd products. Not suitable for constant immersion or recoating of zinc primed steel.

Physical properties.

Colour/Texture	Yellowgreen/Matt
Volume Solids	53%
Specific gravity	1.5 gr/ml
Flashpoint	>24°C

	Dry film thickness per coat (µ)	Wet film thickness per coat (µ)	Theoretical spreading rate (m^2/l)
Range	30 – 60	60 –112	17.0 – 8.8
Recommended	40	75	13.2

Application data.

Guiding data Airless spray	Pressure at nozzle: 120 -150 bar. Nozzle size: 0.38 - 0.53 mm. Spray angle: 40 - 80 degrees. Volume of thinner: 0 – 3%.
Guiding data Airspray	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 Standard Thinner 6.00.
Conditions	Humidity: below 90% RH. Temperature of the paint before application: min: 5°C, max: 30°C. Substrate temperature: min: 1°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	Hard dry	Dry to recoat	
				Minimum	Maximum (1)
5 °C	4 hours	12 hours	3 days	24 hours	Indefinite
10 °C	3 hours	8 hours	2 days	24 hours	Indefinite
23 °C	1 hour	5 hours	1 day	12 hours	Indefinite
30 °C	30 minutes	4 hours	1 day	8 hours	Indefinite

(1) The surface should be dry and free from contaminants prior to overcoating. 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.

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. Abrasive blasting: min. Sa 2,5 – ISO 8501:1. Apply Transogard Chromate 1.21 immediately after the steel has been blasted and the quality of preparation has been approved.
Repair	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 loose paint, salt, grease and other contaminants prior to overcoating.

Recommended paint system.

A typical system for atmospheric exposure is shown below.

Transogard Chromate 1.21	2 x 40 µ dft.
Transolac Undercoat 3.21	1 x 35 µ dft.
Transunilac Finish 3.31	1 x 35 µ dft.

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.

Date of issue: May 03