Product Data Sheet

Transowash 1.00

Product description.

A polyvinylbutyral etch primer with zinc chromate and phosphoric acid. It is suitable as pre-treatment primer for steel and non-ferrous metals such as aluminum and galvanized substrates. It can be overcoated with all paints except for inorganic zinc silicates.

Physical properties.

Colour/Texture	Yellow/Matt
Volume Solids	13%
Specific gravity	0.9 gr/ml
Flashpoint	>20°C

	Dry film thickness per coat (µ)	Wet film thickness per coat (µ)	Theoretical spreading rate (m^2/l)
Recommended	10	75	13

Application data.

Mixing ratio	By volume, base to hardener: 79 to 21.
Potlife	5°C: 12 hours 23°C: 8 hours
Guiding data Airless spray	Pressure at nozzle: min. 150 bar. Nozzle size: 0.2 - 0.4 mm. Spray angle: 40 - 80 degrees. Volume of thinner: not required.
Guiding data Airspray	Pressure. 3 - 4 bar. Nozzle size: 1.0 - 1.5 mm. Volume of thinner: not required.
Brush/Roller	Suitable.
Thinner/Cleaner	Transocean PVB thinner 6.08
Conditions	Humidity: below 90% RH Temperature of the paint before application: min: 5°C, max: 30°C. Substrate temperature: min: 1°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	Dry to handle	Full cure	Dry to recoat	
				Minimum	Maximum (1)
1 °C	10 minutes	30 minutes	1 day	45 minutes	7 days
5 °C	8 minutes	25 minutes	1 day	30 minutes	7 days
10 °C	5 minutes	20 minutes	1 day	20 minutes	7 days
23 °C	3 minutes	15 minutes	1 day	15 minutes	7 days

(1) The surface should be dry and free from contaminants prior to overcoating. If the maximum recoating time is exceeded 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. Sa2 – ISO 8501:1.
Aluminum	Solvent cleaning according to SSPC-SP1 followed by light blast cleaning with a fine grade abrasive or by chemical etching.
Galvanized/ Zinc primed steel.	Remove zinc salts by power- or hand tool cleaning. Solvent cleaning according to SSPC-SP1.

Recommended paint system.

Transowash 1.00 1 x 10 µ dft.
Subsequent anti-corrosive coating with all Transocean products except inorganic zinc silicates.

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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