



Transocean PU Finish

Code: 7343

Product description

Transocean PU Finish is a two component polyurethane finish with an excellent resistance to the marine environment. It offers superior gloss and colour retention. The finish can be applied to suitable undercoats such as Transocean Barrierkote and is available in several colours.

Technical Properties

| | |
|----------------------------|---------------------------------------|
| Colour/Appearance | Transparent/ Glossy |
| Volume Solids | Dependent on shade, approx. 52% |
| Specific gravity | Dependent on shade, approx. 1.2 gr/ml |
| Volatile organic compounds | 435 gr/liter |
| Flashpoint | >25°C |

Surface Preparation

Coated substrates - Existing systems should be dry and free from loose paint, salt, grease and other contaminants prior to overcoating.

High pressure wash with fresh water and allow thorough drying. Sand preceding coat lightly with fine grade of sandpaper.

Gel coat – Decrease and wash with fresh water.

Usage instructions

Substrate should be dry and free from contaminations.
Relative Humidity should be less than 90 %RH.

Mix pack A and pack B well, preferably by means of a mechanical stirrer. Do not mix more paint than can be used in 1 hour. If necessary thin with Transocean PU Thinner 7604 and mix well.

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

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.

Application data

| | | | |
|-----------------------------|----------------------------|-----|--------------|
| Mixing ratio by weight | Base to hardener: 87 to 13 | | |
| Mixing ratio by volume | Base to hardener: 80 to 20 | | |
| Potlife | 6 hours at 23° C | | |
| Dry film thickness per coat | 40 micron | | |
| Wet film thickness per coat | 75 micron | | |
| Theoretical coverage | 12,9 sq.m/liter | | |
| Thinner | Transocean PU Thinner 7604 | | |
| Surface Temperature | Minimum | 0°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 | 2 – 3 bar | 120-180 bar |
| Volume of thinner | 0-15% | 0-5% |
| Practical Spreading rate (m ² /l) | 7.1 | 9,0 |

Drying and recoating times.

| Substrate temperature | Dry to recoat | Fully cured | Maximum recoating (1) |
|-----------------------|---------------|-------------|-----------------------|
| 10 °C | 16 hours | 5 days | Indefinite |
| 23 °C | 8 hours | 3 days | 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.

Date of issue: 24 August 2023.