



Transocean PU Mat Varnish

Code: 7392

Product description

Transocean PU Mat is a two component varnish with an excellent resistance to the marine environment. The varnish is tough but elastic and can has good resistance to scratches. Typically to three layers are applied directly to clean wooden substrate or better over Transocean Polydur Sealer 7200 or Transocean Wood Sealer 7800.

Technical Properties

Colour/Appearance	Transparent/ Mat
Volume Solids	41%
Specific gravity	1.0 gr/ml
Volatile organic compounds	555 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 primer varnish lightly with fine grade of sandpaper.

Wood – The use of Transocean Polydur Sealer 7200 as a primer is recommended. Otherwise it is advised to thin the first coat with 20-30% of Transocean PU Thinner 7604.

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. Thinning is not advised.

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 aerospray observe spraying recommendations mentioned on the next page.

Avoid excessive application as it will result in sagging and a poor appearance.

Apply three 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: 80 to 20		
Mixing ratio by volume	Base to hardener: 80 to 20		
Potlife	3 hours at 23° C		
Dry film thickness per coat	20 micron		
Wet film thickness per coat	50 micron		
Theoretical coverage	20 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	Not advised
Air pressure	3 – 5 bar	
Volume of thinner	Not advised	
Practical Spreading rate (m ² /l)	14.0	

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.

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