



Transocean Hydrostop

Code: 7480

Product description

Transocean Hydrostop is a solventfree epoxy especially designed as a protective system against osmosis of GRP hulls. The product can be applied up to 250 micron dryfilm thickness in a single coat easily. The total system of 2-3 coats of Hydrostop offers a complete water resistant barrier around the hull.

Technical Properties

Colour/Appearance	Pale yellow/Semi-gloss
Volume Solids	100%
Specific gravity	1.1 gr/ml
Flashpoint	>100°C

Surface Preparation

New GRP – Ensure surface is dry and free from traces of wax, lubricants and other contaminants. Treat if required with Transocean Gelclean. Sand with a coarse grade of sandpaper. Wash with fresh water and allow drying. It is advised the measure the moisture content of the hull before paint application to ensure the hull is completely dry.

Apply 3 coats of 150-200 micron each.

Treatment of osmosis – Remove all affected gelcoat and/or GRP by blast cleaning or by using power tools. Then proceed as described above.

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.

Thin if necessary with 0- 5% of the specified thinner. 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 airless or airspray observe spraying recommendations mentioned on the next page.

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

Whether applied by brush, roller or spray, the total system dryfilm thickness should have a minimum of 450 microns.

It is advised to apply the total Hydrostop system in a one-coat-per-day routine. Avoid longer recoat intervals of 48 hours.

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: 65 to 35		
Mixing ratio by volume	Base to hardener: 62 to 38		
Potlife	2 hours at 23° C		
Dry film thickness per coat	150 micron		
Wet film thickness per coat	150 micron		
Theoretical coverage	6,6 sq.m/liter		
Thinner	Transocean Epoxy Thinner 7603		
Surface Temperature	Minimum	5°C	Maximum 40°C

Spray equipment data

	Conventional spray	Airless spray
Nozzle orifice	1.5 – 3.0 mm	0.38 – 0.53 mm
Air pressure	3 – 5 bar	180 – 300 bar
Volume of thinner	0 – 10%	0 – 3 %
Practical Spreading rate (m ² /l)	3.6	4.6

Drying and recoating times.

Substrate temperature	Dry to recoat	Fully cured	Maximum recoating (1)
10 °C	24 hours	10 days	4 days
23 °C	16 hours	7 days	2 days
30 °C	16 hours	4 days	1 day

(1) The surface should be dry and free from salts and other contaminants prior to overcoating. When the maximum recoat time has been exceeded or after prolonged exposure times it is 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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