Product Data Sheet

Transpoxy Glascote 4.40

Product description.

A high solids glassflake epoxy coating with outstanding chemical and abrasion resistance. Especially suitable for areas facing severe corrosive conditions such as in splash zone areas.

Physical properties.

Colour/Texture	Red/Semi-gloss
Volume Solids	90%
Specific gravity	1.34 gr/ml
Flashpoint	>25°C

	Dry film thickness per coat (µ)	Wet film thickness per coat (µ)	Theoretical spreading rate (m^2/l)
Range	250 – 500	275 – 550	3.6 – 1.8

Application data.

Mixing ratio: By volume, base to hardener: 75 to 25.

Potlife: 10°C: 90 minutes 23°C: 45 minutes

Guiding data Airless spray: Pressure at nozzle: >3000 psi. Nozzle size: 0.48 - 0.59 mm.
Spray angle: 50 - 80 degrees.
Volume of thinner: 0 – 5%.

Brush: Suitable for repairs only.
Volume of thinner: 0 – 10%.

Thinner/Cleaner: Transocean Epoxy Thinner 6.03.

Conditions: Humidity: below 88% RH.
Temperature of the paint before application: min: 10°C, max: 30°C.
Substrate temperature: min: 8°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	Full cure	Dry to recoat	
				Minimum	Maximum (1)
10 °C	8 hours	24 hours	5 days	18 hours	Indefnite
23 °C	4 hours	16 hours	3 days	12 hours	Indefinite

(1) The surface should be dry and free from contaminants prior to overcoating. The best intercoat adhesion is achieved when the subsequent coat is applied before the preceding coat is fully cured. When recoating with single pack products, maximum recoat interval is limited to 24 hours. After prolonged exposure 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. Roughness profile: 100 micron. Edges, welds, corners and bolts must be stripe coated. Apply Transpoxy Glascote immediately after the steel has been blasted and the quality of preparation has been approved.
Repair	Existing systems should be roughened and dry and free from loose paint, salt, grease and other contaminants prior to overcoating. Corroded and/or damaged areas should blast cleaned to ISO-Sa2 or better.

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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