Product Data Sheet

Transocean Fluorescent 3.08

Product description.

An acrylic polymer based topcoat with fluorescent pigments. It provides a reflective finish thereby enhancing surface visibility. Transocean Fluorescent can be used for internal- and external purposes such as life-saving equipment and walkways.

Physical properties.

Colour/Texture	Red, Orange, Yellow and Green/Fluorescent
Volume Solids	44%
Specific gravity	1.02 gr/ml
Flashpoint	>25°C

	Dry film thickness per coat (µ)	Wet film thickness per coat (µ)	Theoretical spreading rate (m^2/l)
Range	30 – 50	70 – 115	14.6 – 8.8
Recommended	35	80	12.5

Application data.

Guiding data Airless spray	Pressure at nozzle: 120 -180 bar. Nozzle size: 0.38 - 0.48 mm. Spray angle: 60 - 80 degrees. Volume of thinner: Not advised.
Guiding data Air spray	Pressure: 3 - 5 bar. Nozzle size: 1.2 - 1.5 mm. Volume of thinner: 0 - 5%.
Brush/Roller	Suitable. Volume of thinner: 0 - 5%.
Thinner/Cleaner	Transocean Special Thinner 6.01.
Conditions	Humidity: below 90% RH. Temperature of the paint before application: min: 5°C, max: 30°C. Substrate temperature: min: 5°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	Hard dry	Dry to recoat	
			Minimum	Maximum (1)
10 °C	1 hour	16 hours	12 hours	Indefinite
23 °C	30 minutes	12 hours	6 hours	Indefinite
30 °C	15 minutes	8 hours	4 hours	Indefinite

(1) The surface should be dry and free from salts and other contaminants prior to overcoating. 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.

Surface preparation.

Coated substrates	The surface must be dry and free from salts and other contaminants. Remove salts and dirt by fresh water washing. Corroded and/or damaged areas should be repaired first with an appropriate primer system. A compatible white undercoat gives the best fluorescent effect.

Recommended paint system.

Transocean Fluorescent 3.08 can be applied over Transoprene and Transpoxy priming systems. A typical system for atmospheric exposure is shown below.

Transoprene Silver Primer 1.26	2 x 75 µ dft.
Transoprene Intermediate 2.55	1 x 75 µ dft.
Transocean Fluorescent 3.08	1-2 x 35 µ dft.

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.

Date of issue: June 03.