TrimaThane D00383

Paint, Primer, Two Pack Polyurethane Zinc Phosphate To DEF STAN 80-225 Type 1 and Type 2

Description

A solvent based, high solids two pack polyurethane primer, designed for the protection of steel in conjunction with two pack polyurethane and epoxy topcoats.

This primer is ready for use as supplied and has good anticorrosive properties. It has short finishing schedules and is suitable for use with CARC (Chemical Agent Resistant Coating) finishes.

Finish

Matt.

Complies With

DEF STAN 80-225 Type 1 and Type 2.

Product Code

D00383- .

Volume Solids

Please consult Trimite.

VOC's

Below 250 g/l as supplied.

Colour Range

Grey.

Film Thickness & Coverage

	Dry	Wet*	Approx. Coverage*
Typical DFT:	45 µm	65 µm	10 - 12 m^2/l

* The above wet film thicknesses and approximate coverage rates will vary with the type of equipment and shape of the component. Wet film thicknesses are approximate.

Drying & Overcoating Times
at Typical DFT

	10°C	20°C	30°C
Surface Dry:	4 h	2 h	1 h
Hard Dry:	12 h	6 h	3 h
Overcoat Min:	8 h	6 h	6 h
Overcoat Max:		Consult Trimite	

Force Drying:
Can be force dried at up to 80°C for a maximum of 60 minutes, following a flash-off period of at least 60 minutes at 25°C, but air-dry is recommended for large components.

Drying and overcoating times can be greatly affected by method and conditions of application such as thickness applied, temperature, ventilation etc. Data above are given as a guide.

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Surface Preparation	• All surfaces to be coated should be dry and cleaned as necessary to remove all contamination. • **Steel (Type 1):** this primer should ideally be applied to phosphated steel. An alternative to phosphating would be to use TrimaEtch HP20/SAR2 (2:1) Etch Primer as below. • **Aluminium and Light Alloys (Type 2):** if a conversion coating is not specified, TrimaEtch HP20 One Pack Etch Primer with TrimaEtch SAR2 Acid Reducer, mixed 2:1 v/v base to reducer, should be used. The Primer must be completely dry before overcoating. Force drying or stoving of the etch primer is highly recommended. • Please consult Trimite for specific project advice.
Mixing	Mix each component separately, and then thoroughly mix together in the mix ratio stated, using a power mixer. Stir occasionally during use to maintain an homogenous mix.
Pot Life at 20°C	1½ hours (do not use after this time, even though material may still look fluid).
Mix Ratio	Base (D00383) 2 volumes Activator (**use D00382**) 1 volume
Application Conditions	DEF STAN 80-225 paints should only be applied in paint shops where the temperature is between 15°C and 25°C and the relative humidity between 30% and 75%. Surfaces to be painted should be allowed to reach shop temperatures.
Application Details	• Designed for application by conventional spray and HVLP spray. • Product is supplied ready for use, no thinning required. • **Contains isocyanates** – the mixed product and the curing agent contain isocyanates (the base does not). Refer to base and curing agent Safety Data Sheets before use.
Thinner/Cleaner	Trimite 133 Gun Cleaner (as Cleaner).
SG	1.70 ± 0.20 kg/l mixed (varies with colour and gloss level).
Flash Point	23° – 60°C.
Shelf Life	Min. 1 year from date of delivery when correctly stored in unopened containers.
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers. Most paint materials will apply optimally when at 15° - 20°C.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
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