

Trimite D00401

Paint, Primer, Two Pack Polyurethane To DEF STAN 80-225 Type 2

Description A solvent based, high solids two pack polyurethane primer, designed for the protection of aluminium and light alloys 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 2.

Product Code D00401- .

Volume Solids Please consult Trimite.

VOC's Below 250 g/l as supplied.

Colour Range Green.

Film Thickness & Coverage	Typical DFT:	Dry	Wet*	Approx. Coverage*
		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
Hard Dry:		12 h	6 h	3 h
Overcoat Min:		8 h	3 h	1½ h
Overcoat Max:		Consult Trimite		

Force Drying:
Can be force dried at up to 70°C, following a flash-off period of 15 min.

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.

TECHNICAL DATA SHEET**Trimite D00401****Paint Primer Two Pack Polyurethane To DEF STAN 80-225 Type 2**

Surface Preparation	<ul style="list-style-type: none">All surfaces to be coated should be dry and cleaned as necessary to remove all contamination.Aluminium & Light Alloys: a conversion coating is often specified. In the absence of a conversion coating, Trimite HP20 One Pack Pigmented Etch Primer, with SAR2 Acid Reducer (mixed 2:1 v/v base to reducer), should be used. The HP20 Primer must be completely dry before overcoating. Force drying or stoving of the etch primer is highly recommended.
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 (D00401) 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	<ul style="list-style-type: none">Designed for application by conventional spray and HVLP spray.Product is supplied ready for use, no thinning is normally required.However, where shop temperatures are above 20°C, a small addition of Thinner M6020 may be added to improve flow and general appearance.
Thinner/Cleaner	Trimite J103 (as Cleaner).
SG	1.70 ± 0.20 kg/l mixed (varies with colour and gloss level).
Flash Point	23° – 60°C.
Shelf Life	Minimum of 1 year from date of receipt 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.
Date of Issue	Sep 2022.

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