

Trimite 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	Typical DFT:	<u>Dry</u> 45 µm	<u>Wet*</u> 65 µm	<u>Approx. Coverage*</u> 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		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Surface Dry:	4 h	2 h	1 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 D00383

Paint Primer Two Pack Polyurethane Zinc Phosphate To DEF STAN 80-225 Type 1 and 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. Steel (Type 1): this primer should ideally be applied to phosphated steel. An alternative to phosphating would be to use Trimite HP20/SAR2 (2:1) Etch Primer as below. Aluminium and Light Alloys (Type 2): if a conversion coating is not specified, Trimite HP20 One Pack Pigmented Etching Primer with 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	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Base (D00383)</td> <td style="width: 50%;">2 volumes</td> </tr> <tr> <td>Activator (use D00382)</td> <td>1 volume</td> </tr> </table>	Base (D00383)	2 volumes	Activator (use D00382)	1 volume
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	<ul style="list-style-type: none"> 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 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	Feb 2023.				

Information provided in this leaflet is given in good faith but without warranty or assumed liability, as the conditions of application and use are beyond our control. Data are accurate to the best of our knowledge at the time of issue but may be revised in the light of new knowledge and the user should check that data are current before use. The user must satisfy themselves about the product's suitability for their own purpose and refer to the Safety Data Sheet for this product before use. For industrial use only unless specifically stated otherwise.