

## Trimite D14570

### Paint, Priming, Zinc Phosphate, Air Drying/Stoving, Spraying, to Specifications Def Stan 80-123 and 80-126 Eau-De-Nil

<b>Description</b>	A chromate-free primer formulated and tested to a Ministry of Defence Standard, which must be used strictly in accordance with the individual contract requirements. Suitable for use in specified air drying or stoving paint systems, for the protection of suitably treated light alloys and steel. It is part of a system used on service vehicles, certain electronic equipment and components exposed to exterior weathering conditions in both temperate and tropical climates.			
<b>Finish</b>	Matt.			
<b>Complies With</b>	DEF STAN 80-123 and 80-126.			
<b>Product Code</b>	D14570- .			
<b>Volume Solids</b>	Please consult Trimite.			
<b>VOC's</b>	Please consult Trimite.			
<b>Colour Range</b>	Eau-De-Nil.			
<b>Film Thickness &amp; Coverage</b>	<b>Typical:</b>	<u>Dry</u> 30 µm	<u>Wet*</u> 50 µm	<u>Approx. Coverage*</u> 5 - 6 m <sup>2</sup> /l
	<p>* The above wet film thickness and approximate coverage rate (for conventional spray) will vary with the degree of thinning. Wet film thicknesses are approximate and are based on the typical degree of thinning recommended under 'Application Details'.</p> <p>Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.</p>			
<b>Drying &amp; Overcoating</b>	<b>Flash Off for Stoving:</b> a flash-off period of approx. 10 min should be allowed before stoving.			
<b>Times at Typical DFT</b>	<p><b>Conventional Stoving:</b> 45 min at 120°C. Where gloss finishes are used, a stoving schedule of 45 minutes at 140°C is recommended to prevent discolouration, which may occur with whites and pastel shades.</p> <p><b>Radiant Heat (Infra-Red):</b> this product is suitable for radiant heat curing, but due to the many variables such as weight, configuration, reflectivity and distance from heat source, a suitable project schedule must be determined.</p> <p>Stoving schedules will vary with the size and weight of the coated article, and the type of equipment used. The above information is given as a general guide.</p> <p><b>Force Drying:</b> a 'flash off' period of approximately 30 minutes should follow application to allow the solvents to evaporate. Temperatures up to 120°C may then be used.</p> <p><b>Air Drying:</b> at 20°C Surface Dry: 45 – 60 min Hard Dry: 3½ hr Min Overcoating Time: 6 hr (MOD recommendation)</p>			

**TECHNICAL DATA SHEET****Trimite D14570****Paint, Priming, Zinc Phosphate, Air Drying/Stoving, Spraying, to Specifications Def Stan 80-123 and 80-126 Eau-De-Nil**

<b>Surface Preparation</b>	<ul style="list-style-type: none"><li>• All surfaces should be dry and cleaned as necessary to remove all oil, grease, corrosion or other contamination.</li><li>• Where Ministry of Defence specified materials are used, the following procedures may be relevant and, where applicable, should be observed:<ul style="list-style-type: none"><li>○ DEF STAN 03-2: Cleaning and Preparation of Metal Surfaces.</li><li>○ DEF STAN 03-30: Treatments for the Protection of Metal Parts of Service Stores and Equipment against Corrosion.</li><li>○ DEF STAN 03-32: Pretreatment and Painting of Vehicles, Engineering Equipment and Components.</li></ul></li></ul>
<b>Mixing</b>	Thoroughly stir the coating before use. A power mixer is highly recommended. A wide-bladed stirrer is essential for adequate mixing if only hand stirring. Stir occasionally during use to maintain an homogenous mix.
<b>Mix Ratio</b>	Not applicable – single pack product.
<b>Application Conditions</b>	Throughout the application and the drying/curing time of coatings: (a) good ventilation is required; (b) do not apply when damp weather conditions are likely; (c) the substrate temperature should be at least 3°C above the Dew Point; and (d) the RH (Relative Humidity) should be below 85%. It is advisable not to apply the product when the ambient temperature falls below 5°C. The paint temperature at the time of application should ideally be 15° - 20°C.
<b>Application Details</b>	<ul style="list-style-type: none"><li>• Ministry Approved for conventional spraying. This material is supplied 'Ready for Use Spraying'. Thinner ST60 may be added up to 5% by volume, to obtain a suitable viscosity at application temperature.</li></ul>
<b>Thinner/Cleaner</b>	Trimite CT80 Thinner (for cleaning).
<b>SG</b>	1.30 ± 0.15 kg/l.
<b>Flash Point</b>	23° – 60°C.
<b>Shelf Life</b>	Min. 1 year from date of delivery when correctly stored in unopened containers.
<b>Storage</b>	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.
<b>Health &amp; Safety</b>	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
<b>Date of Issue</b>	Dec 2023.

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