

Trimite D00294

Paint, Finishing, Near Matt Two Pack Polyurethane IRR Air Drying, Spraying To Specification Def Stan 80-225

Description	A high solids, low VOC, solvent based two pack polyurethane finish, designed for use on military vehicles and ground equipment. When used over an appropriate primer, the finishing scheme satisfies the infra-red (IRR) camouflage requirements of DEF STAN 00-023 and the Chemical Agent Resistance Coating (CARC) requirements of NATO Standard AEP-65.
Finish	Near Matt.
Features	<ul style="list-style-type: none"> • Excellent durability. • Resistant to chemicals and hydraulic fluids. • Easy to apply, no thinning required. • High solids formulation, low VOC's. • Consistent, near matt finish.
Complies With	DEF STAN 80-225.
Product Code	see Colour Range below.
Volume Solids	Please consult Trimite.
VOC's	Please consult Trimite.
Colour Range	NATO Green (285) (D00294) Black (D00341) Grey Beige RAL 1019 (D00355) Light Stone (361) (D00347) Tan (F/S 33446) (D00357) UK Army Brown (D00386) Dk Sandstone Camouflage (F/S 33510) (D00389).

Film Thickness & Coverage	Typical DFT:	Dry 45 µm	Wet* 90 µm	Approx. Coverage* 7 - 8 m ² /l
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* The above wet film thicknesses and approximate coverage rates will vary with colour and the degree of any thinning. Wet film thicknesses are approximate.

Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.

Drying & Overcoating Times at Typical DFT	Surface Dry:	10°C 2 h	20°C 1 h	30°C 30 min
	Hard Dry:	16 h	8 h	4 h

Force Drying:

Can be force dried at up to 80°C, following a flash-off period of at least 15 min.

Not normally overcoated – consult Trimite for advice.

TECHNICAL DATA SHEET**Trimite D00294****Paint, Finishing, Near Matt Two Pack Polyurethane IRR
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Surface Preparation	<ul style="list-style-type: none">All surfaces to be coated should be dry and cleaned as necessary to remove all contamination.Apply over a suitable primer. Please consult Trimite for advice – typical primers specified are: Steel: Paint Primer Two Pack Polyurethane Zinc Phosphate to DEF STAN 80-225 Type 1 (Trimite D00383); Light Alloys: Paint Primer Two Pack Polyurethane to DEF STAN 80-225 Type 2 (Trimite D00401).
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	4 hours (do not use after this time, even though material may still look fluid).
Mix Ratio	Base (D00294, or other shade) 2 volumes Activator (use Trimite D00335) 1 volume
Application Conditions	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.
Application Details	<ul style="list-style-type: none">Designed for application by conventional spray or HVLP spray.Paint is supplied to be ready for use when mixed, without thinning.
Thinner/Cleaner	Gun Cleaning Solvent J103 (as cleaner).
SG	1.40 ± 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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