

Trimite X20-series

Powder Coating, High Durability, Stoving to DEF STAN 80-122

Description	A powder coating specially formulated to meet MOD specification requirements for infra red reflecting (IRR) camouflage coatings, approved for use to DEF STAN 80-122.		
Finish	Matt - 7-10 units Reflectance measured using a 60° angled head.		
Complies With	DEF STAN 80-122 Infra Red Reflectance as specified in DEF STAN 00-23/4.		
Product Code	See Colour Range below.		
Colour Range	NATO Green (BS381C No.285)	Trimite X2013	
	Light Stone (BS381C No.361)	Trimite X2022	
	Black	Trimite X2024	
	Desert Tan (US Fed Std 595 - 33446)	Trimite X2027	
Film Thickness & Coverage	Typical:	<u>Dry</u> 60 - 80 µm	<u>Wet*</u> n/a
			<u>Approx. Coverage*</u> n/a
Cure Schedule	10 min @ 200°C (metal temperature).		
Surface Preparation	The use of a suitable pretreatment process prior to powder coating is recommended - please consult Trimite for advice.		
Application Details	By conventional Corona equipment.		
Shelf Life	1 year from date of despatch when correctly stored in unopened containers.		
Storage	The product should be stored in cool, dry, frost-free conditions, in sealed containers.		
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.		

TECHNICAL DATA SHEET**Trimite X20-series****Powder Coating, High Durability, Stoving to DEF STAN 80-122****Product
Performance**

TEST	RESULT
Cross Hatch Adhesion	Class '0'
Impact Resistance	Passes to Specification
Flexibility	Pass 6 mm
Cupping Test	Pass 5 mm no loss of adhesion
Scratch Resistance	BS3900 E2 – Pass 4 kg
Hot Salt Spray	BS3900 F12 – Pass 500 h
Humidity Resistance	BS3900 F2 – Pass 1000 h
Artificial Weathering	BS3900 F16 – Pass – minimal loss of gloss and colour after 16 weeks
Chemical Resistance	Resistant to many acids, alkalis, oils and solvents at ambient temperatures

All tests carried out on steel panels pretreated with Trimite Paintbond 600Z (MP0220).

Date of Issue

Dec 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 or professional use only unless specifically stated otherwise.