

# Trimite X20-series

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

|                                      |   |                          |                                 |
|--------------------------------------|---|--------------------------|---------------------------------|
| <b>Description</b>                   | 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. |                          |                                 |
| <b>Finish</b>                        | Matt - 7-10 units Reflectance measured using a 60° angled head.   |                          |                                 |
| <b>Complies With</b>                 | DEF STAN 80-122<br>Infra Red Reflectance as specified in DEF STAN 00-23/4.  |                          |                                 |
| <b>Product Code</b>                  | See Colour Range below.   |                          |                                 |
| <b>Colour Range</b>                  | 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            |                                 |
| <b>Film Thickness &amp; Coverage</b> | <b>Typical:</b>   | <u>Dry</u><br>60 - 80 µm | <u>Wet*</u><br>n/a              |
|                                      |   |                          | <u>Approx. Coverage*</u><br>n/a |
| <b>Cure Schedule</b>                 | 10 min @ 200°C (metal temperature).   |                          |                                 |
| <b>Surface Preparation</b>           | The use of a suitable pretreatment process prior to powder coating is recommended - please consult Trimite for advice.  |                          |                                 |
| <b>Application Details</b>           | By conventional Corona equipment.   |                          |                                 |
| <b>Shelf Life</b>                    | 1 year from date of receipt when correctly stored in unopened containers.   |                          |                                 |
| <b>Storage</b>                       | The product should be stored in cool, dry, frost-free conditions, in sealed containers.   |                          |                                 |
| <b>Health &amp; Safety</b>           | 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**

Mar 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.