

Trimite X2034

Polyurethane Powder Coating - Gloss Clear (N9TU003-0000)

Description	A high durability, clear polyurethane powder coating.
Finish	Gloss.
Features	<ul style="list-style-type: none">• Superior weathering resistance compared to standard polyurethane powders.• Designed for high durability and anti graffiti use.• Resistant to most strong solvents and graffiti removers.• Designed for Aerospace and general applications.
Complies With	Generic indicative tests comply with FAR 25.853. It is the responsibility of the end user to ensure full compliance to the regulations.
Product Code	X2034- .
Colour Range	Clear.
Film Thickness & Coverage	Recommended dft 25 - 40 µm. Typical coverage rate: 8 - 12 m ² /kg.
Cure Schedule	From 175°C (metal temperature). Full cure should be established using an MEK rub test.
Surface Preparation	The use of a Trimite pretreatment process prior to powder coating is recommended in order to achieve optimum results.
Application Details	By conventional Corona equipment.
Repairs	Minor repairs can be carried out using Trimasol AC2377 Clear aerosol. Please consult Trimite for a Repair Procedure.
Shelf Life	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.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.

TECHNICAL DATA SHEET**Trimite X2034****Polyurethane Powder Coating – Gloss Clear (N9TU003-0000)****Product
Performance**

TEST	UK Specification	ISO / ASTM Specification
Cross Hatch Adhesion	BS3900 E6 - Class '0'	ISO 2409 – Pass Gt0
Scratch Resistance	BS3900 E2 – Pass 2 kg	N/A
Flexibility	Reduced flexibility relative to standard systems due to high chemical resistance.	
Chemical Resistance	Resistant to many acids, alkalis, oils and solvents at normal temperatures. May be affected by chlorinated solvents.	

Mechanical tests were carried out on 0.8 mm degreased steel panels. Corrosion trials were conducted on zinc phosphated steel. In both cases a nominal powder thickness of 60 µm was used.

Date of Issue

Oct 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.