

TECHNICAL DATA SHEET

Trimite Plastilac® AE257

Two Pack Polyurethane Fine Texture Finish

Description	A two pack polyurethane fine textured finish, for metal and plastic substrates.
Finish	Textured.
Features	<ul style="list-style-type: none"> • Designed for use on a wide range of business machines, office equipment and electronic enclosures. • Provides a finish with excellent colour and gloss retention. • Excellent durability, hardness, water and chemical resistance. • Textured finish helps to conceal substrate surface defects. • Can be used for a wide range of industrial applications on steel, plastic and non-ferrous metals.
Complies With	Please consult Trimite.
Product Code	-/AE257/- .
Volume Solids	Please consult Trimite.
VOC's	Please consult Trimite.
Colour Range	Wide colour range available.

Film Thickness & Coverage	Typical DFT:	<u>Dry</u> 50 µm	<u>Wet*</u> 100 µm	<u>Approx. Coverage*</u> 7 - 8 m ² /l
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* The above wet film thicknesses and approximate coverage rates will vary with colour, gloss level and the degree of thinning. Wet film thicknesses are approximate and are based on the typical degree of thinning recommended under 'Application Details'.

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

Drying & Overcoating Times at Typical DFT		<u>10°C</u>	<u>20°C</u>	<u>30°C</u>
	Surface Dry:	30 min	15 min	5 min
	Hard Dry:	6 h	3 h	1½ h
	Overcoat Min*:	see below		

Force Drying:

Metal: can be force dried at up to 60°C for 20 – 30 min, following a flash-off period of 10 min.

Plastic: must be carried out with care to avoid component deformation. The type of plastic, condition of moulding and post-mould time will influence the maximum temperature.

* not normally overcoated. Please consult Trimite for detailed advice.

Drying and overcoating times can be greatly affected by method and conditions of application such as thickness applied, temperature, ventilation etc. Data above are given as a guide.

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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.
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	8 hours (do not use after this time, even though material may still look fluid).
Mix Ratio	Base 5 volumes Activator 1 volume (use J2451 activator)
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.For conventional spray, add up to 25% of PT1002 Thinner to the mixed material, to obtain a viscosity of 20-30 seconds using a BS B4 viscosity cup.Consult Trimite for specific project application advice.Contains isocyanates – the mixed product and the curing agent contain isocyanates (the base does not). Refer to base and curing agent Safety Data Sheets before use.
Thinner/Cleaner	Trimite PT1002 (Thinner and Cleaner).
SG	1.10 ± 0.20 kg/l mixed (varies with colour and gloss level).
Flash Point	23° – 60°C.
Shelf Life	Min. 1 year from date of delivery 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	Aug 2024.

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.