

TECHNICAL DATA SHEET

Trimite Plastilac® AE245

Two Pack Polyurethane Finish

Description	A two pack polyurethane-acrylic finish, for steelwork, various plastics and general use.
Finish	Gloss – available in all gloss levels from matt to full gloss.
Features	<ul style="list-style-type: none"> • Provides a finish with excellent colour and gloss retention in exterior environments. • Excellent durability, hardness, water and chemical resistance. • Suitable for a wide range of substrates. • Can be used for a wide range of industrial applications on steel, plastic and non-ferrous metals.
Complies With	Please consult Trimite.
Product Code	-/AE245/- .
Volume Solids	Varies widely with gloss level and colour, please consult Trimite.
VOC's	Varies widely with gloss level and colour, please consult Trimite.
Colour Range	Wide colour range available.

Film Thickness & Coverage	Typical DFT:	Dry 25 µm	Wet* 50 µm	Approx. Coverage* 8 - 9 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		10°C	20°C	30°C
	Surface Dry:	30 min	15 min	5 min
	Hard Dry:	8 h	4 h	2 h
	Overcoat Min*:	8 h	4 h	2 h
	Overcoat Max*:	10 days	7 days	3 days

Force Drying:

Can be force dried at up to 80°C, following a flash-off period of 5 min.

* not normally overcoated. Overcoating times are given for guidance only, 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 2 parts by volume of PT1002 Thinner to the mixed material, to obtain a viscosity of 25-30 seconds using a BS B4 viscosity cup.Consult Trimite for specific project application advice.
Thinner/Cleaner	Trimite PT1002 (Thinner) / Trimite CT80 (Cleaner).
SG	1.20 ± 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	Jan 2022.

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.