TrimaKote A46

Two Pack Epoxy Finish

Description

A two pack polyamide-cured epoxy finish, for steelwork and general use.

Finish

Gloss and Matt finishes are available.

Features

- Provides a tough and abrasion resistant coating.
- High level of chemical and solvent resistance, for use in areas of high pollution or chemical atmospheres.
- Suitable for a wide range of substrates.

Complies With

Please consult Trimite.

Product Code

-/A46/- .

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 including AV46 Clear (20/AV46/9).

Film Thickness & Coverage

	Dry	Wet*	Approx. Coverage*
Typical DFT:	25 µm	50 µm	6 - 7 m^2/l

* The above wet film thicknesses and approximate coverage rates (for conventional spray) 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:	4 h	2 h	1 h
Hard Dry:	12 h	6 h	3 h
Overcoat Min*:	12 h	6 h	3 h
Overcoat Max*:	10 days	7 days	3 days

Force Drying:
Can be force dried at up to 120°C, following a flash-off period of 10 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	• All surfaces to be coated should be dry and cleaned as necessary to remove all contamination. • Apply over a suitable primer, such as TrimaKote AP45 for steel, or TrimaEtch SAP2 etch primer followed by TrimaKote AP45, for non-ferrous metals. 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	24 hours (do not use after this time, even though material may still look fluid).
Mix Ratio	Base 2 volumes Activator 1 volume (use **J193 Gloss activator** or **J194 Matt 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%. Do not apply the product when the ambient temperature falls below 10°C. The paint temperature at the time of application should ideally be 15° - 20°C.
Application Details	• Suitable for application by conventional spray, electrostatic spray, HVLP or by brush. • For conventional spray, up to 40% by volume of T100 Thinner may be added 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.
Thinner/Cleaner	Trimite T100 (Thinner) / Trimite 133 (Cleaner).
SG	1.20 ± 0.15 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	Nov 2026.

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.