TrimaKote A98

Paint, Finishing, Two Pack Epoxide, Air Drying, Spraying To Meet Specification Def Stan 80-161

Description

This Specification relates to a high quality, air drying Two Pack Epoxy Finish, part of a paint scheme providing a durable system for use on components used in the Aviation and Defence Industries. The system is normally applied over suitably pretreated aluminium alloys or steel. A correctly applied scheme will produce a tough, abrasion-resistant surface, capable of withstanding contact with saline conditions, as well as with a range of mineral and synthetic ester lubricants. Additionally, resistance to various chemicals is superior to that achieved by single pack air drying materials.

The choice of priming scheme will be determined by the nature of the components being painted.

Finish

Gloss, Semi-gloss, Eggshell and Matt.

Complies With

Meets the performance requirements of DEF STAN 80-161.

Product Code

-/A98/- .

Volume Solids

Please consult Trimite.

VOC's

Please consult Trimite.

Colour Range

Limited colour range to DEF STAN requirements.

Film Thickness, Coverage & Overcoating

Coating Type	Dry Film Weight (g/m^2)	Dry Film Thickness (µm)	Coverage m^2/l	Minimum Air Drying before Overcoating	Remarks
Gloss & Semi-gloss	24 – 34 g/m^2	21 – 30 µm	10 – 14	16 h	Apply one or two coats
Eggshell & Matt	34 – 51 g/m^2	17 – 26 µm	10 - 16	16 h	Apply one or two coats

The coverage figures shown take account of normal spraying losses.
The gloss levels achieved can vary noticeable. These finishes are influenced by application viscosity and film thickness. Consult Trimite for advice if required.

Force Drying

When it is required to accelerate the drying process, temperatures up to 70°C may be used, but final finishing coats must be allowed to dry at room temperature for at least one hour prior to force drying.

TrimaKote A98

Paint, Finishing, Two Pack Epoxide, Air Drying, Spraying To Meet Specification Def Stan 80-161

Surface Preparation

- All surfaces should be dry and cleaned as necessary to remove all oil, grease, corrosion or other contamination.
- Surfaces must be cleaned in accordance with DEF STAN 03-2.
- Apply over a suitable primer – consult Trimite for advice.

Mixing

All DEF STAN 80-161 materials are supplied in two parts, a Base and a Curing Agent. It is essential that mixing instructions, given in this sheet and also found on the labels, are followed. The correct Thinner must be used.

All materials should be at shop temperature (15°C - 25°C) before mixing. Prior to use, ensure that individual components are of uniform consistency by mechanical shaking or thorough stirring. Mix as detailed in the Table below (see 'Mix Ratio & Thinning'), ensuring that the resultant blend is thoroughly stirred.
All unused blended materials should be discarded after 8 hours at normal paint shop temperatures. The pot life will significantly decrease at temperatures above 25°C.

Pot Life at 20°C

8 h (see 'Mixing').

Mix Ratio & Thinning

A98 Finish DEF STAN 80-161	Base	Curing Agent	Mix Ratio by Volume	Thinner for spray	Viscosity BS B4 Cup (sec)	Viscosity BS B3 Cup (sec)	Pot Life at 20°C (h)
Gloss	[ref]/A98/9	J9812	1 : 1	T100	19 - 22	33 - 40	8 h
Semi-gloss	[ref]/A98/6	J9813	1 : 1	T100	19 - 22	33 - 40	8 h
Eggshell	[ref]/A98/3	J9812	1 : 1	T100	19 - 22	33 - 40	8 h
Matt	[ref]/A98/1	J9814	1 : 1	T100	19 - 22	33 - 40	8 h

- If applying by roller, please consult Trimite.

Application Conditions

DEF STAN 80-161 (TrimaKote A98) paints should only be applied in paint shops where the temperature is between 15°C and 25°C and the relative humidity between 30% and 75%. Surfaces to be painted should be allowed to reach shop temperatures.

Application Details

- DEF STAN 80-161 (TrimaKote A98) paints are normally applied using conventional spray techniques.

Thinner/Cleaner

Thinner T100 (for cleaning).

SG

1.30 ± 0.15 kg/l.

Flash Point

23°C – 60°C (see Table below).

Shelf Life

Min. 1 year from date of delivery when correctly stored in unopened containers.

Storage

The products should be stored in cool, dry, frost-free conditions, in sealed containers. Most paint materials will apply optimally when at 15° - 20°C.

TrimaKote A98

Paint, Finishing, Two Pack Epoxide, Air Drying, Spraying To Meet Specification Def Stan 80-161

Health & Safety

Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Details of flammability, for both individual items and the appropriate blends ready for application, are shown in the Table below.

Coating Type	Component	Reference	Component Flashpoint	Mixed Product Flashpoint
Gloss Finish	Base Component	[ref]/A98/9	23°C – 60°C	23°C – 60°C
	Curing Agent	J9812	23°C – 60°C	
	Thinner		23°C – 60°C	
Semi-gloss Finish	Base Component	[ref]/A98/6	23°C – 60°C	23°C – 60°C
	Curing Agent	J9813	23°C – 60°C	
	Thinner		23°C – 60°C	
Eggshell Finish	Base Component	[ref]/A98/3	23°C – 60°C	23°C – 60°C
	Curing Agent	J9812	23°C – 60°C	
	Thinner		23°C – 60°C	
Matt Finish	Base Component	[ref]/A98/1	23°C – 60°C	23°C – 60°C
	Curing Agent	J9814	23°C – 60°C	
	Thinner		23°C – 60°C	

Date of Issue

Jan 2026.