

TT10B Gloss Cellulose Topcoat

Product Description

TT10B is a modified topcoat designed for use on the exterior of aircraft over suitable primed surfaces.

- Fast drying
- Excellent durability
- Highly flexible
- Suitable for polishing

Components



Mix Ratio (by volume)

- TT10B (Base) 1 part
- T126 (Thinner) 1 part

Specifications



TT10B meets the requirements of :

- BS2X27

Product Compatibility

TT10B is compatible with the following primer specifications:

- AER-M-P.026
- AER-M-P.027
- AFS 1806
- BS2X32+A2
- MSRR 9064

Note: PPG Aerospace recommends you check the most recent specification QPLs for updated information.

Surface Preparation and Pretreatment



Ensure surface to be coated is clean, dry and intact using a high performance solvent cleaner - DeSoto® CN20 or Desoclean™ 45 solvent cleaners are recommended.

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Instructions for Use



Hand stir or mechanically shake base material until all components are uniformly dispersed. Add required thinner and stir thoroughly before use.

Note: All products and components should be placed in ambient conditions of 15-30°C (59-86°F) for at least 24 hours prior to mixing and application.



Induction Time:

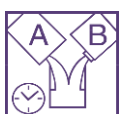
Not Required



Viscosity: (23°C/73°F) as supplied

- FORD4 140 - 150 seconds

Note: Viscosities quoted are typical ranges obtained when using specified mix ratio.



Pot Life:

Not Applicable

Application Guidelines

Recommended Application Conditions:

Temperature	10 - 35°C (50 - 95°F)
Relative Humidity	20 - 85%

Application:

Apply 2 double track coats, allow 30 minutes between coats.

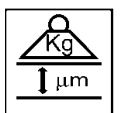


Theoretical Coverage: (ready for use)

5 m²/Lt @ 15 µm dry film thickness
200 ft²/US gal @ 0.6 mil dry film thickness

Recommended Dry Film Thickness:

15 - 20 µm
0.6 - 0.8 mil



Dry Film Density:

1.5 g/cm³ (white)
(12.5 lbs/US gal)

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Dry Film Weight:

22.5 g/m² @ 15 µm dry film thickness
0.004 lbs/ft² @ 0.6 mil dry film thickness

Note: These application guidelines represent PPG's best advice for usage in standard conditions. Some parameters will be influenced by environmental conditions, equipment settings, and other variables.

Equipment: TT10B is compatible with all current forms of spray equipment



Equipment Type	Tip Size	Air Pressure
Conventional Air Spray	1.0 to 1.2 mm	40 to 60 psi (3 to 4 bar)

Equipment Cleaning:

Clean spray equipment before use and as soon as possible after use. DeSoto[®] CN20 or Desoclean 45[™] solvent cleaners are recommended.

Physical Properties



Colour:

Limited colour range available



Gloss: (depending on colour)

>75 units with a 60° gloss meter (when polished)



Drying Times:

Drying Times 50% R.H.	23°C (73°F)
Touch Dry	15 minutes
Hard Dry	2 hours

Note: Drying times listed above are dependent upon film thickness applied, air flow conditions and application technique.



VOC: (ASTM)

TT10B (mixed ready for use)	750 g/Lt
TT10B Base Component	670 g/Lt
T126 Thinner	830 g/Lt

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Flash Point:

TT10B Base Component	22°C (72°F)
T126 Thinner	10°C (50°F)

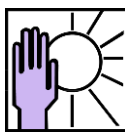
Shelf Life:

TT10B Base Component	24 months in original unopened container
T126 Thinner	10 years in original unopened container

Note: Shelf life may vary due to OEM specification requirements. Refer to container label for specific shelf life information.

Note: The application and performance property values above are typical for the material, but not intended for use in specifications or for acceptance inspection criteria because of variations in testing methods, conditions and configurations.

Storage Recommendations



Inspect the condition of the container to ensure compliance. The material should be stored at temperatures between 5°C to 35°C (41°F to 95°F) to ensure shelf life.

Note: When procuring to a qualified material specification, follow those storage instructions.

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Health Precautions

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. An SDS is available on request. Avoid overexposure. Obtain medical care in case of extreme overexposure.

For industrial use only. Keep away from children.

Additional information can be found at: www.ppgaerospace.com

For sales and ordering information call the local PPG office at the numbers listed below:

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