

8340 Temporary Protective Coating

Product Description

8340 is an alkali-removable temporary coating designed to protect aircraft components during assembly or whilst in storage.

- Durable protection, scratch resistant
- Water and fluid resistant
- Easily removable coating

Components



Mix Ratio (by volume)

- 8340xxxx (Base) 1 parts
- 0429/9000 (Thinner) 0.2 part

Specifications



8340 is qualified to:

- ASNA 5059 (83402320 only)
- ASN-B70690 (83402320 only)

Product Compatibility

8340 is compatible with the following:

BSX34

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

Surface Preparation and Pretreatment



Ensure surface to be painted is clean, dry and intact using a high performance solvent cleaner. DeSoto® CN20 or Desoclean™ 45 solvent cleaners are recommended. Allow surface to thoroughly dry before applying 8340.

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Instructions for Use



Shake or stir the base to ensure all components are adequately dispersed. Add required thinner whilst stirring. Note : All components should be allowed to condition at temperature of 15 - 35°C (59 -95°F) for at least 24 hours prior to mixing and application.



Induction Time:

Not required



Viscosity: (23°C/73°F)

- | | |
|----------|-----------------|
| • AFNOR4 | 25 - 30 seconds |
| • BSB3 | 47 - 58 seconds |
| • BSB4 | 26 - 30 seconds |
| • FORD4 | 22 - 24 seconds |
| • ISO4 | 45 - 58 seconds |
| • ZAHN2 | 29 - 35 seconds |

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



Pot Life:

Not Applicable

Application Guidelines

Recommended Application Conditions:

Temperature	15 - 35°C (59 - 95°F)
Relative Humidity	30 - 80%

Application:

Apply 1 cross coat to achieve the recommended dry film thickness.



NOTE: Never use any solvent borne or alkaline removers over the temporary coating



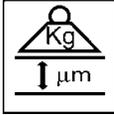
Theoretical Coverage: (ready for use)

6 m²/Lt @ 30 µm dry film thickness
200 - 240 ft²/US gal @ 1.2 mil dry film thickness

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Recommended Dry Film Thickness:

25 - 35 μm
1- 1.4 (mil)



Dry Film Density:

1.1 g/cm^3
9.16 lbs/US gal

Dry Film Weight:

33 g/m^2 @ 30 μm dry film thickness
0.006 lbs/ft² @ 1.2 mil dry film thickness

Equipment:



Equipment Type	Tip Size/Cap	Pressure
Pneumatic	1.4 to 1.8 mm	43 to 73 psi (3 to 5 bar)
Low Pressure	9 to 1.2 mm	43 to 73 psi (3 to 5 bar)



Small areas may be coated using a brush or roller

Equipment Cleaning:

Clean spray equipment before use and as soon as possible after use. Flush with water followed by DeSoto® CN20 or Desoclean™ 45 solvent cleaner.

Physical Properties



Colour:

Light grey BF4 (8340/2320)
A630 Medium Grey (8340/2033)



Gloss:

≤ 20 gloss units using 60° meter

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Drying Times 55 % Relative Humidity	5°C (41°F)	23°C (73°F)
Dry to Touch	1 hour	40 minutes
Dry to Handle	3 hours	1 hour

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

Removal of coating:

Removal of 8340 can be achieved using undiluted temporary camouflage coating remover complying to Def Stan 80-218 or PPG Aerospace Gel (0231/9330).

- Apply cleaner to paint surface
- Allow to permeate for 30-40 minutes
- Remove with water jet



Flash Off:

Not Applicable



VOC: (ASTM)

Mixed ready for use	495 g/Lt
8340xxxx Base	430 g/Lt
0429/9000 Thinner	820 g/Lt



Flash Point:

8340xxxx Base	20°C (68°F)
0429/9000 Thinner	21°C (70°F)

Shelf Life:

8340xxxx Base	24 months in original unopened container
0429/9000 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.

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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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ASC – Australia

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This document has been reviewed by the PPG Aerospace Export Control Department and has been determined to contain only EAR99 controlled data.

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