

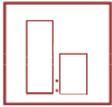
N59676 Acrylic Matt Topcoat

Product Description

N59676 is a matt topcoat used for military aircraft repair.

- Fast drying
- Excellent flexibility
- Excellent weather resistance

Components



Mix Ratio (by volume)

- Base N59676 1 part
- Thinner N38/4056 (09209000) 0.5 part
or
- Thinner N39/3010 (09089000) 0.5 part

Specifications



N59676 is qualified to:

- PPG Standard

N59676 is compatible with the following primer specifications:

- SP-J-513-A-0013 Type 1 Class A
- Mil-P-53022
- TL 8010-0001 Class II Type 4

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

Surface Preparation and Pretreatment



Ensure surface is clean, dry and intact, using a high performance cleaner, DeSoto[®] CN20 or Desoclean[™] 45 solvent cleaners are recommended. Observe recommended overcoating windows for primers.

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Instructions for Use



Thoroughly stir base to ensure all components are adequately dispersed. Add required volume of appropriate thinner to the base and stir thoroughly.

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 Applicable



Viscosity: (23°C/73°F)

• AFNOR4	17 - 25 seconds
• BSB3	32 - 47 seconds
• BSB4	18 - 26 seconds
• FORD4	16 - 22 seconds
• ISO4	26 - 45 seconds
• ZAHN2	20 - 29 seconds



Pot Life:

Not applicable

Application Guidelines

Recommended Application Conditions:

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

Application:

Apply 2 cross coats to achieve the recommended dry film thickness of 35 - 40 µm allowing a minimum of 15 minutes between coats.

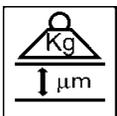


Theoretical Coverage: (ready for use per coat)

5 m²/Lt @ 40 g/m² dry film thickness
200 ft²/US gal @ 1.6 mil dry film thickness

Recommended Dry Film Thickness:

35 - 40 µm
1.4 - 1.6 mil



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Dry Film Density:

1.5 g/cm³
12.5 lbs/US gal

Recommended Dry Film Weight:

60 g/m² @ 40 µm dry film thickness
0.012 lbs/ft² @ 1.6 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

Equipment Type	Tip Size	Pressure
High Pressure Spray	1.2 to 1.5 mm	43 to 72 psi (3 to 5 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:

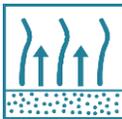
15 - 20 with an 85° gloss meter



Drying Times 50% R.H.	23°C (73°F)
Dust Free	15 minutes
Touch Dry	30 minutes
Dry to Tape	2 hours
Full Cure	7 days

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

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**Flash Off Time:**

Not applicable

**VOC: (ASTM)**

Mixed ready for use	685 g/Lt
N59676 Base Component	610 g/Lt
N38/4056 Thinner	830 g/Lt
N39/3010 Thinner	840 g/Lt

**Flash Point:**

N59676 Base Component	-18°C (-0.4°F)
N38/4056 Thinner	2.5°C (36°F)
N39/3010 Thinner	3.5°C (38°F)

Shelf Life:

N59676 Base Component	24 months in original unopened container
N38/4056 Thinner	10 years in original unopened container
N39/3010 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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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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