

HR39/801 Heat Resistant Topcoat Matt Black

Product Description

HR39/801 is a heat resistant topcoat suitable for interior and exterior use.

- Single pack
- Air drying
- Conventional solids
- Suitable for temperatures up to 200°C (392°F)

Components



Mix Ratio (by volume)

- HR39/801 (Base)
- T1 (Thinner)

supplied ready for use for brush application
5-10% by volume for spray application

Specifications



HR39/801 is qualified to:

- PPG-AFS211

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.

Instructions for Use



Thoroughly stir base to ensure all components are adequately dispersed.

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.

HR39/801

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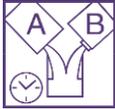
**Induction Time:**

Not required

**Viscosity:** (23°C/73°F)

- BSB4 90 - 110 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:

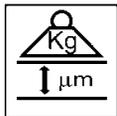
Apply 1 - 2 coats to achieve the recommended dry film thickness

**Theoretical Coverage:** (unthinned)

14 m²/Lt @ 30 µm dry film thickness
560 ft²/US gal @ 1.2 mil dry film thickness

Recommended Dry Film Thickness: (unthinned)

25 - 35 µm
1 - 1.4 mil

**Dry Film Density:**

1.34 g/cm³
11.18 lbs/US gal

Dry Film Weight:

40 g/m² @ 30µm dry film thickness
0.008 lbs/ft² @ 1.2 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.

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Equipment:



Equipment Type	Tip Size	Air Pressure
Conventional Air Spray	1.0-1.8 mm	29 to 44 psi (2 to 3 bar)

Equipment Cleaning:

Clean spray equipment before use and as soon as possible after use. DeSoto® CN20, CN44 or Desoclean™ 45 solvent cleaners are recommended.

Physical Properties



Colour:

Black



Gloss:

5 -10 units with a 60° gloss meter



Drying Times 50% R.H.	23°C (73°F)
Touch Dry	4 hours
Hard Dry	6 hours
Overcoating	8 hours
Full Cure	7 days

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



Flash Off Time:

N/A



VOC: (ASTM)

HR39/901 Base
T1 Thinner

470 g/Lt
785 g/Lt



Flash Point:

HR39/901 Base
T1 Thinner

38°C (100°F)
38°C (100°F)

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Shelf Life:

HR39/901 Base	24 months in original unopened container
T1 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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