

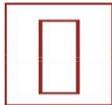
7331BP0802 Intumescent Coating

Product Description

7331BP0802 is a single pack, thin-film, solvent-borne intumescent coating, designed to provide fire protection for composite and aluminium engine coatings and nacelles.

- Provides up to 120 minutes protection from cellulosic fires
- Fast Drying
- Easy on-site application
- Up to 1000 µm (40 mil) dry film thickness in a single coat

Components



Mix Ratio (by weight)

- 7331BP0802 (Base) 1 part
- T4 Thinner If required (5% max)

Specifications



7331BP0802 is qualified to:
PPG Standard only

Product Compatibility

7331BP0802 can be overcoated with 9008B0900D

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. Substrate temperature should be at least 3°C (37°F) above dew point during application and drying.

7331BP0802 Intumescent Coating

Instructions for Use



Stir product thoroughly till homogeneous and smooth consistency is achieved. Thin with up to 5% thinner if required. Adding excess thinner can result in reduced sag resistance and slower cure.

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



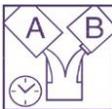
Induction Time:

Not required



Viscosity: (Unthinned) @ (23°C/73°F)

• N/A



Pot Life:

N/A

Application Guidelines

Recommended Application Conditions:

Substrate & Air Temperature 5 - 40°C (41 - 104°F)
Relative Humidity < 85%

Application:

Product can be applied by spray (larger areas) or brush & roller (small areas only for touch up & repair)



Theoretical Coverage: (ready for use)

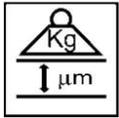
3.75 m²/Lt (150 ft²/US gal) @ 200 µm (8.0 mil) dry film thickness
1.50 m²/Lt (60 ft² /US gal) @ 500 µm (20.0 mil) dry film thickness
0.75 m²/Lt (30 ft²/US gal) @ 1000 µm (40.0 mil) dry film thickness

Recommended Dry Film Thickness:

Spraying
200 - 1000 µm
8 - 40 mil

Brushing
200 - 300 µm
8 - 12 mil

7331BP0802 Intumescent Coating

**Dry Film Density:**

1.34 kg/Litre

11.18 lbs/US gal

Dry Film Weight:670 g/m² @ 500 μm dry film thickness0.137 lbs/ft² @ 20 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	Air Pressure	Nozzle Angle
Airless Spray	0.48 to 0.64 mm 0.019 to 0.25 in	2900 psi (200 bar)	20 to 50° dependant on component shape



7331BP0802 can also be brush or roller applied - no thinner should be added.

Equipment Cleaning:

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

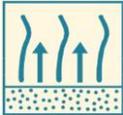
Physical Properties**Colour :** Matt White**Gloss :** Not Applicable

7331BP0802 Intumescent Coating



Drying Times @ 700µm dft and 50% R.H.	15°C (59°F)	20°C (68°F)	30°C (86°F)
Touch Dry	30 minutes	20 minutes	10 minutes
Overcoat with self	6 hours (min.) Unlimited (max)	4 hours (min) Unlimited (max)	3 hours (min) Unlimited (max)
Overcoat with solvent-borne topcoats	48 hours (min) Unlimited (max)	24 hours (min) Unlimited (max)	16 hours (min) Unlimited (max)
Full Cure	7 days	7 days	7 days

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



Flash Off Time:

Not applicable



VOC: (ASTM)

7331BP0802 Base	30 g/Lt
T4 Thinner	870 g/Lt



Flash Point:

7331BP0802 Base	6°C (43°F)
T4 Thinner	27°C (81°F)

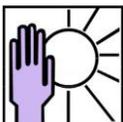
Shelf Life:

7331BP0802 Base	18 months in original unopened container
T4 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.

7331BP0802 Intumescent Coating

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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