

FP65 Polyurethane Safe Deck Coating

Product Description

FP65 is a two pack, polyurethane slip resistant topcoat for application to internal and external decks and walkways

- Excellent durability and flexibility
- Provides decorative and protective finish
- Chemical & salt water resistant
- Resistant to aircraft hydraulic fluids
- Non-spark texture quality
- Non-abrasive texture quality

Components



Mix Ratio (by volume)

- FP65 (Base) 4 parts
- ACT51 (Activator) 1 part
- T115 (Thinner) 0-1 parts (brush application)
2-3 parts (spray application)

Specifications



FP65 is qualified to:

- Def Stan 80-210 Type I

Product Compatibility

FP65 is compatible with the following primer/topcoat specifications:

- BS2X33A+B
- BS2X34A+B
- Mil-P-23377
- SP-J-513-A-0016

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

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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. Add activator while stirring. Add thinner as required.

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.



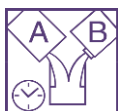
Induction Time:

Not required



Viscosity: (23°C/73°F)

Not applicable



Pot Life:

4 hours @ 21 - 25°C (70 - 77°F)

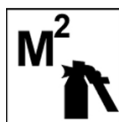
Application Guidelines

Recommended Application Conditions:

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

Application:

Apply 2 wet on wet double track coats to achieve recommended dry film thickness.



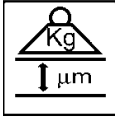
Theoretical Coverage: (unthinned)

3 m²/Lt @ 200 µm dry film thickness
120ft²/US gal @ 8 mil dry film thickness

Recommended Dry Film Thickness:

150 - 200µm
6 - 8 mil

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Dry Film Density: (unthinned)

1.55 g/cm³
12.9 lbs/US gal

Dry Film Weight:

310 g/m² @ 200 μm dry film thickness
0.063 lbs/ft² @ 8 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 (mm)	Pressure
Conventional Air Spray	2 to 2.2	22 to 58 psi 1.5 to 4 bar
HVLP Air Spray	2 to 2.2	20 to 36 psi (2 to 2.5 bar)



Can also be applied by brush or roller to small areas

Physical Properties



Colour:

Limited range of colours available



Gloss:

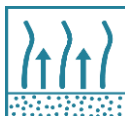
<= 5 units using a 60° gloss meter

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Drying Times 50% R.H.	23°C (73°F)
Surface Dry	1 hour
Dry to overcoat	4 hours (spray) 12 hours (brush/roller)
Hard Dry	6 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)

Mixed ready for use (unthinned)	390 g/Lt
FP65 Base Component	390 g/Lt
ACT51 Activator	380 g/Lt
T115 Thinner	870 g/Lt



Flash Point:

FP65 Base Component	-7°C (19°F)
ACT51 Activator	23°C (73°F)
T115 Thinner	-4°C (25°F)

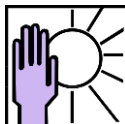
Shelf Life:

FP65 Base Component	24 months in original unopened container
ACT51 Activator	24 months in original unopened container
T115 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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ASC – Australia
Tel 61 (3) 9335 1557
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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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Issue Date: 05/23
Lit: 4335