



EC96W/T3 HS Epoxy Walkway Finish

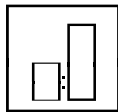
TECHNICAL DATA SHEET

Product Description

EC96W/T3 is a quick drying, fine texture epoxy walkway finish, intended for interior use on aircraft. EC96W/T3 contains an inorganic texturing agent that provides a non-sparking anti-slip surface.

- High solid, low VOC
- Good chemical and water resistance
- Fine texture (particle size $70 \pm 10\mu\text{m}$)
- Can also be used for emergency repair of external coatings to Def Stan 80-210

Components



Mix Ratio (by volume)

- EC96 (Base) 1 part
- ACT223 (Activator) 2 parts

Specifications



EC96W/T3 is qualified to:

- Def Stan 80-211 Type III

Product Compatibility

EC96W/T3 is compatible with the following primer specifications:

- AIMS 04-04-001
- AVN 7-003
- BS2X33 A+B
- Def Stan 80-206
- Def Stan 80-207
- Def Stan 80-189
- Def Stan 80-216
- MEP 10.059
- MSRR 9064
- SP-J-513-A-0016 Type II Class A

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 solvent cleaner. DeSoto® CN20 or Desoclean™ 45 solvent cleaners are recommended.

Instructions for Use



Hand stir or mechanically shake base material until all components are uniformly dispersed. Add activator to base material and mix thoroughly. **Do not add any solvent.** The mixed material is now ready for use.

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.



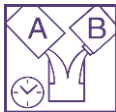
Induction Time:

Not required



Viscosity: (23°C/73°F)

Not applicable



Pot Life:

30 minutes @ 21-25°C (70-77 °F)

Application Guidelines

Recommended Application Conditions:

Temperature	15 - 35°C (59 - 95°F)
Relative Humidity	30 - 85%

Application:

Apply 1-2 double-track or cross-coats, sufficient to achieve the recommended dry film thickness.



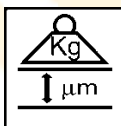
Theoretical Coverage:

13 m²/Lt @ 40 µm dry film thickness
520 ft²/US gal @ 1.6 mil dry film thickness

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Recommended Dry Film Thickness:

35 - 45 μm
1.4 - 1.8 (mil)



Dry Film Density:

2.10 g/cm³
17.5 lbs/US gal

Dry Film Weight:

84 g/m² @ 40 μm dry film thickness
0.017 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
Conventional Air Spray	1.4 to 1.8mm	29 to 36 psi (2 to 2.5 bar)
Airless	611 to 613	29 to 58 psi (2 to 4 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:

Limited colour range available



Gloss:

< 5 units with a 60° gloss meter

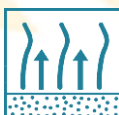
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Drying Times:

50% Relative Humidity	23°C (73°F)	60°C (140°F)
Hard Dry	≤ 6 hours	30 minutes
Full Cure	7 days	3 hours

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



Flash Off Time:

Not Applicable



VOC: (ASTM)

Mixed ready for use	<420 g/Lt
EC96W/T3 Base Component	305 g/Lt
ACT223 Activator	500 g/Lt



Flash Point:

EC96W/T3 Base Component	13°C (55°F)
ACT223 Activator	20°C (73°F)

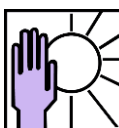
Shelf Life:

EC96W/T3 Base Component	24 months in original unopened container
ACT223 Activator	24 months 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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