

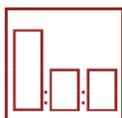
Desothane[®] HS CA8030 Walk Way Topcoat

Product Description

CA8030 is a non-slip varnish from the Desothane[®] HS CA8000 range. CA8030 is intended for use on emergency exits over commercial aircraft wing surfaces providing passenger protection on emergency exit walk ways.

- High durability polyurethane topcoat
- High solids, low VOC
- Outstanding UV resistance & long term durability
- Fluid resistant

Components



Mix Ratio (by volume)

- | | |
|-----------------------|---------|
| • CA8030 (Base) | 2 parts |
| • CA8000B (Activator) | 1 part |
| • CA8000C3 (Reducer) | 1 part |

Specifications



CA8030 is qualified to:

- AIMS 04-04-024 (8030E00015 White Only)
- PPG Standard (All Other Colours)

Product Compatibility

CA8030 is compatible with the following primer specifications:

- | | |
|------------------|------------------|
| • AIMS 04-04-002 | • AIMS 04-04-034 |
| • AIMS 04-04-003 | • AIMS 04-04-036 |
| • AIMS 04-04-012 | • AIMS 04-04-058 |
| • AIMS 04-04-013 | • AMS 3095 |
| • AIMS 04-04-031 | • ASNA 4248 |
| • AIMS 04-04-026 | |

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. Observe recommended overcoating window for relevant Desothane[®] HS topcoat.

Instructions for Use



Base component may require mechanical agitation. Ensure all components are adequately dispersed. Before adding the activator to the base, thoroughly stir or shake the base component until a smooth uniform mix is obtained. Immediately after adding the activator to the base, stir thoroughly until uniform. Add reducer while stirring. **DO NOT ADJUST VISCOSITY.**

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:

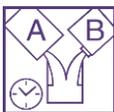
Not required



Viscosity: (23°C/73°F)

• AFNOR4	18 - 24 seconds
• BSB3	33 - 46 seconds
• BSB4	18 - 25 seconds
• ISO4	28 - 43 seconds
• FORD4	16 - 21 seconds
• ZAHN2	21 - 28 seconds

Note: Viscosities quoted are typical ranges obtained when using specified mix ratio.



Pot Life:

1 hour @ 21 - 25°C (70 - 77°F) with CA8000C3 reducer

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Application Guidelines

Recommended Application Conditions:

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

Application:

Apply 2 cross coats to achieve the recommended dry film thickness.

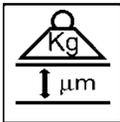


Theoretical Coverage: (ready for use)

10 m²/Lt @ 60 µm dry film thickness
400 ft²/US gal @ 2.4 mil dry film thickness

Recommended Dry Film Thickness:

50-70 µm - In two coats
2-2.8 (mil)



Dry Film Density:

1.4 g/cm³
12 lbs/US gal

Dry Film Weight:

89 g/m² @ 60 µm dry film thickness
0.018 lbs/ft² @ 2.4 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: NOTE: Remove all filters before application



Equipment Type	Tip Size (mm)	Flow Rate	Pressure
Airmix Kremlin		Not Recommended	
HVLP	1.2		22 to 29 psi (1.5 to 2 bar)
Conventional Air Spray	1.5		43 to 58 psi (3 to 4 bar)
Airless		Not Recommended	
Airless Air-assisted		Not Recommended	
PRO 3500 or Pro XS4	1.2 to 1.5	280 to 320 ml/min	72 to 87 psi (5 to 6 bar)

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CA8030 can also be applied with a roller, 2 cross coats with 15 minutes flash off between each coat.

Equipment Cleaning:

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

Physical Properties



Colour:

8030E00015 White and limited range of Black, Grey & White colours



Gloss:

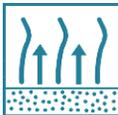
N/A



Drying Times @ 23°C (73°F) 50% Relative Humidity

Inter Coat	15 to 30 minutes
Dust Free	30 to 45 minutes
Dry to Handle	1 to 2 hours
Dry to Tape	2 to 3 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:

15 minutes between coats



VOC: (ASTM)

Mixed ready for use	<420 g/Lt
CA8030 Base Component	<310 g/Lt
CA8000B Activator	115 g/Lt
CA8000C3 Reducer	860 g/Lt



Flash Point:

CA8030 Base Component	33°C (91°F)
CA8000B Activator	47°C (117°F)
CA8000C3 Reducer	22°C (72°F)

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Shelf Life:

CA8030 Base Component	24 months in original unopened container
CA8000B Activator	24 months in original unopened container
CA8000C3 Reducer	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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