



# Desothane® CA8332 HS Non Slip Topcoat

## TECHNICAL DATA SHEET

### Product Description

Desothane® CA8332 is a two pack polyurethane topcoat designed to give maximum slip resistance in walk way and stepped areas of aircraft.

- Durable polyurethane coating
- High solids, low VOC
- Excellent chemical resistance
- Anti slip properties

### Components



#### Mix Ratio (by volume)

- CA8332 (Base) 4 parts
- CA8310B (Activator) 1 part

### Specifications



CA8332 is qualified to:

- SP-J-513-B-0308 Type II

#### Product Compatibility:

CA8332 is compatible with the following primer / topcoat specifications:

- AIMS 04-04-001
- BS2X33
- BS2X34 A+B
- SP-J-513-A-0013
- SP-J-513-A-0016
- SP-J-513-C-0083

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

### Surface Preparation and Pretreatment



Ensure surface to be coated is clean, dry and intact using a high performance solvent cleaner - DeSoto® CN20 or Desoclean™ 45 solvent cleaners are recommended. Observe recommended overcoating windows.

# Desothane<sup>®</sup> CA8332 HS Non Slip Topcoat

## Instructions for Use



Base may require mechanical agitation, ensure all components are adequately dispersed. Thoroughly stir or shake the base component until smooth. Add activator to base and immediately stir thoroughly until uniform. **DO NOT SIEVE.**

*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:**

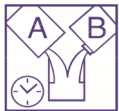
Not required



### **Viscosity:** ( 23°C/73°F)

- ISO6 55-65 seconds

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



### **Pot Life:**

4 hours @ 21-25 °C (70-77 °F)

## Application Guidelines

### **Recommended Application Conditions:**

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

### **Application:**

Normal application is by brush or roller. In the case of spray application, apply 2 cross coats to achieve recommended dry film thickness.

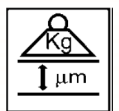


### **Theoretical Coverage:** (ready for use)

4 m<sup>2</sup>/Lt @ 100 µm dry film thickness  
160 ft<sup>2</sup>/US gal @ 4 mil dry film thickness

### **Recommended Dry Film Thickness:**

75-125 µm  
3-4 (mil)



### **Dry Film Density:**

2.5 g/cm<sup>3</sup>  
21 lbs/US gal

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## Dry Film Weight:

250 g/m<sup>2</sup> @ 100 µm dry film thickness  
0.051 lbs/ft<sup>2</sup> @ 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:** CA8332 can be applied by spray, brush or roller



Equipment Type	Tip Size (mm)	Pressure
HVLP Air Spray	1.6 - 2.2	29 - 36 psi (2 - 2.5 bar)
Conventional Air Spray	1.6 - 2.2	22 - 58 psi (1.5 - 4 bar)

## Equipment Cleaning:

Clean spray equipment before use and as soon as possible after use. DeSoto<sup>®</sup> CN20 or Desoclean<sup>™</sup> 45 solvent cleaners are recommended.

## Physical Properties



**Colour:**  
Restricted range



**Gloss:**  
Matt <5 units with a 60° gloss meter

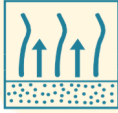


Drying Times @ 65% R.H.	@ 23°C (73°F)	@ 60°C (140°F)
Touch Dry	1 hour	
Hard Dry	16 hours	
Time Between Coats	16 - 24 hours	
Full Cure	7 days	3 hours

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



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**Flash Off Time:**

15 minutes between coats



**VOC: (ASTM)**

Mixed ready for use	<420 g/Lt
CA8332 Base Component	435 g/Lt
CA8310B Activator	290 g/Lt



**Flash Point:**

CA8332 Base Component	27°C (81°F)
CA8310B Activator	25°C (77°F)

**Shelf Life:**

CA8332 Base Component	24 months in original unopened container
CA8310B 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](http://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  
Fax 61 (3) 9335 3490

**ASC – Japan**  
Tel 81 561 35 5200  
Fax 81 561 35 5201

**ASC – South East Asia**  
Tel 65 6861 1119  
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Fax 49 (40) 742 139 69

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Fax (971) 4 883 9665

**ASC – North Europe**  
Tel 44 (0) 1388 770222  
Fax 44 (0) 1388 770288

**ASC - South Europe**  
Tel 33 (0) 235 53 43 71  
Fax 33 (0) 235 53 54 44

### **Americas**

1 (818) 362-6711 or 1-800-AEROMIX

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