

## Desothane® CA8335 HS Coarse Non Slip Topcoat

### Product Description

Desothane® CA8335 is a two pack polyurethane topcoat designed to give maximum slip resistance to internal/external walkways and stepped areas of aircraft.

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

### Components



#### Mix Ratio (by volume)

- CA8335 (Base) 4 parts
- CA8310B (Activator) 1 part

### Specifications



CA8335 is qualified to:

- ECS 2050

#### Product Compatibility

CA8335 compatible with the following primer / topcoat specifications:

- AIMS 04-04-001
- BS 2X33A+B
- BS2X34A+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.

## 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 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:**

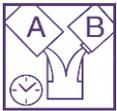
Not required



### **Viscosity:** ( 23°C/73°F)

- ISO6 20 - 40 seconds

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



### **Pot Life:**

2 hour @ 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.

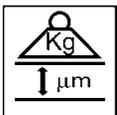


### **Theoretical Coverage:** (ready for use)

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 - 5 (mil)



### **Dry Film Density:**

2.37 g/cm<sup>3</sup>  
19.75 lbs/US gal

### **Dry Film Weight:**

237 g/m<sup>2</sup> @ 100 µm dry film thickness

0.048 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:** CA8335 can be applied by spray, brush or roller



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)

**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:**  
Restricted Range

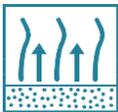


**Gloss:**  
≤ 5 units with a 60° gloss meter



Drying Times	23°C (73°F)	60°C (140°F)
Touch Dry	4 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:**  
15 minutes between coats or prior to force drying



**VOC: (ASTM)**  
Mixed ready for use <420 g/Lt  
CA8335 Base Component 320 g/Lt  
CA8310B Activator 290 g/Lt



**Flash Point:**

CA8335 Base Component	27°C (81°F)
CA8310B Activator	25°C (77°F)

**Shelf Life:**

CA8335 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.*

## 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)**

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