

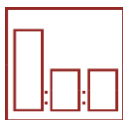
## Desothane® HS 8241 Military Walkway Topcoat

### Product Description

8241 is a non-slip topcoat from the Desothane® HS CA8200 range. 8241 is intended for use on emergency exits over military aircraft wing surfaces providing passenger protection on emergency exit walk ways.

- High durability polyurethane topcoat
- Good gloss and colour retention
- High solids, low VOC
- Excellent fluid resistance
- Can be applied in a wide range of conditions
- Service temperature -54°C to 177°C (-65°F to 350°F)

### Components



#### **Mix Ratio (by volume)**

- |                     |         |
|---------------------|---------|
| • 8241/xxxxx (Base) | 3 parts |
| • 8200B (Activator) | 1 part  |

### Specifications



8241 is qualified to

- AIMS 04-04-024

#### **Product Compatibility**

8241 is compatible with the following specifications:

- AIMS 04-04-036
- AIMS 04-04-060
- AIMS 04-04-061

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

# Desothane<sup>®</sup> HS 8241 Military Walkway Topcoat

## Surface Preparation and Pretreatment



Ensure surface is clean, dry and intact using a high performance solvent cleaner. DeSoto<sup>®</sup> CN20 or Desoclean<sup>™</sup> 45 solvent cleaners are recommended. Recommended overcoating window is 5 - 38 hours between primer 7049 and 8241.

## Instructions for Use



Base component may require mechanical agitation. Ensure both components are thoroughly dispersed. Before adding the activator to the base, thoroughly stir or shake the base component until a smooth uniform mix is obtained. Add activator to the base component and stir well. Maintain constant agitation for 10 minutes to ensure proper mixing.

*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:**

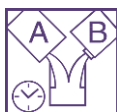
Not required



### **Viscosity:** ( 23°C / 73°F)

- ISO4 50 - 80 seconds

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



### **Pot Life:**

2 hours @ 23°C (73°F)

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## Application Guidelines

### Recommended Application Conditions:

Temperature	15 - 30°C (59 - 86°F)
Relative Humidity	30 - 80%

### Application:

Apply 2 even wet single coats to achieve the recommended dry film thickness.

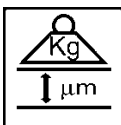


### Theoretical Coverage: (ready for use)

10 m<sup>2</sup>/Lt @ 50 µm dry film thickness  
400 ft<sup>2</sup>/US gallon @ 20 mil dry film thickness

### Recommended Dry Film Thickness:

50 - 70 µm  
2 - 2.8 mil



### Dry Film Density: (white)

1.6 g/cm<sup>3</sup>  
13.3 lbs/US gallon

### Dry Film Weight: (white)

41 g/m<sup>2</sup> @ 25 µm dry film thickness  
0.0084 lbs/ ft<sup>2</sup> @ 1.0mil 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
HVLP	1.2	--	10 to 20 psi (0.69 to 1.4 bar)
Conventional Air Spray	1.4 - 1.6	--	43 to 58 psi (3 to 4 bar)

### Equipment Cleaning:

Clean spray equipment before use and as soon as possible after use. DeSoto<sup>®</sup> CN20, CN44 or Desoclean<sup>™</sup> 45 solvent cleaners are recommended.

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## Physical Properties



### Colour:

Limited colour range



### Gloss:

Matt < 5 gu using a 60° gloss meter  
< 10 gu using a 85° gloss meter



Drying Times @ 23°C (73°F) and 50% Relative Humidity	
Overcoating between Primer and 8241	5 - 38 hours
Overcoating between 8211 or 8221 and 8241	16 - 72 hours
Dry to Tape	10 to 14 hours
Full cure	7 days

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



### VOC: (ASTM)

Mixed ready for use	<420 g/Lt
Base Component	470 g/Lt
Activator	206 g/Lt



### Flash Point:

Base Component	26°C (79°F)
Activator	39°C (102°F)

### Shelf Life:

Base Component	24 months in original unopened container
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.*

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## 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)**

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Fax 61 (3) 9335 3490

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Fax 81 561 35 5201

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PPG Aerospace  
Sealants and Coatings  
Darlington Road  
Shildon, Co Durham UK  
DL4 2QP  
[www.ppgaerospace.com](http://www.ppgaerospace.com)  
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