



CA7660TG Corrosion Resistant Epoxy Sandable Primer

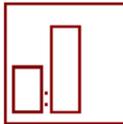
TECHNICAL DATA SHEET

Product Description

CA7660TG corrosion resistant epoxy sanding surfacer is a high solids coating. This Trowelable Grade sanding surfacer is heavily pigmented and designed to fill in the irregularities and surface defects commonly experienced on fiberglass, composite, and aluminum surfaces.

- Corrosion resistant
- Compatible with Desothane® HS topcoats
- Excellent adhesion to composites and fiberglass
- Easy to sand
- Excellent fluid resistance
- Service temperature -54 °C to 177 °C (-65 °F to 350 °F)

Components



Mix ratio (by volume):

- | | |
|-----------------------------------|-----------|
| • CA7660TGA (base component) | 50 grams |
| • CA7660TGB (activator component) | 100 grams |

Specifications



CA7660TG epoxy surfacer meets the requirements of the following specifications:

- GMS 5007

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

Product Compatibility:

CA7660TG sandable primer is compatible with the following topcoat specifications:

- | | |
|------------------------------|-----------------|
| • BAMS 565-002 | • DPM 6546 |
| • BAMS 565-009 | • EMS 53184 |
| • BMS 10-60 Type I & Type II | • GAMPS 3209 |
| • BMS 10-72 Type VIII | • MEP 10-069 |
| • CMS-CT-101 | • MIL-PRF-85285 |
| • DMS 2143 | • MM1276 |
| • DPM 6456 | |



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Surface Preparation and Pretreatments



CA7660TG sandable primer can be applied over clean, dry, intact aluminum, composite, and fiberglass surfaces. Aluminum surfaces shall be treated with materials conforming to MIL-C-5541 or equivalent.

Instructions for Use



Mixing Instructions:

Prior to mixing, thoroughly stir the base component. CA7660TGB activator should be stirred by hand before mixing. Add activator to base component and stir well for 10 minutes to ensure proper mixing.

Note: It is important to condition the paint for 24 hours prior to mixing by placing all materials in the shop or hangar, with ambient temperatures between 13 ° and 35 °C (55 ° to 95 °F). The minimum temperature of the paint components should be 13 °C (55 °F) prior to mixing.



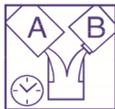
Induction Time:

Not Required



Viscosity: (23 °C/73 °F)

Thick Paste



Pot Life:

1 hour @ 21 - 25 °C (70 - 77 °F)

Application Guidelines

Recommended Application conditions:

Temperature	15 - 30 °C (59 - 86 °F)
Relative Humidity	20 - 90%

Application:

Ground the aircraft and the application equipment before priming. The suggested film thickness when unsanded is 75 to 200 microns (3 to 8 mils), and when sanded is 25 to 50 microns (1 to 2 mils). Trowel on the surface that needs to be filled.

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These application guidelines represent PPG's best advice in standard conditions. Some parameters will be influenced by environmental conditions, equipment settings, and other variables.



Theoretical Coverage:

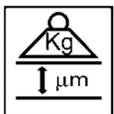
39 square meters/liter at 25 microns dry film (1600 square feet/gallon at 1 mil dry film)

Unsanded

Recommended dry film thickness; 75 to 200 microns (3 to 8 mils)

Sanded

Recommended dry film thickness; 25 to 50 microns (1 to 2 mils)



Dry Film Density:

1.72 grams/cubic centimeter (14.33 pounds/gallon)

Dry Film Weight:

43 grams/square meter at 25 microns dry film (0.0087 pounds/square feet at 1 mil dry film)



Equipment:

CA7660TG epoxy surfacer isn't normally sprayed. It is normally applied with a blade or trowel.

Equipment Cleaning:

Clean application equipment as soon as possible after use. Flush spray equipment with DeSoto® CN20, DeSoto® CN44, or Desoclean™ 45 high performance solvent cleaner.

Physical Properties (product)



Color: Yellow



Gloss: Not Applicable



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Dry Times	13 - 21 °C (55 - 70 °F)	22 - 28 °C (71 - 84 °F)	>29 °C (>85 °F)
Dust Free	20 minutes	10 minutes	8 minutes
Dry to Sand	4 - 8 hours	3 - 6 hours	2 - 5 hours
Dry to Topcoat	4 - 8 hours	3 - 6 hours	2 - 5 hours
Full Cure	7 days	7 days	7 days

Accelerated cure:

Allow 60 minutes flash off at 24 °C ± 3 °C (75 °F ± 10 °F)
followed by 60 - 120 minutes at 49 °C (120 °F)



VOC (EPA method 24):

Mixed, ready for use VOC	0 grams/liter
Base Component	0 grams/liter
Activator Component	0 grams/liter



Flash point closed cup:

Base Component	126 °C (259 °F)
Activator Component	249 °C (480 °F)

Shelf Life:

12 months from date of manufacture to most OEM material specifications. Consult the specification to verify shelf life requirements.

24 months from date of manufacture for PRC-DeSoto Standard.

Note: Shelf life is provided for original, unopened containers.

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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