

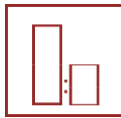
Desoprime™ 7530 Chromate Free Pre-Treatment Primer

Product Description

Desoprime™ 7530 is a chromate free pre-treatment primer developed for the exterior of aircraft.

- Excellent adhesion properties
- Corrosion inhibitive
- Chromate free
- Fast drying

Components



Mix Ratio (by volume)

- 7530 (Base) 2 parts
- 7530B (Activator) 1 part

Specifications



7530 is qualified to:

- AIMS 04-04-073
- AMS 3095
- BS X 42

7530 meets the requirements of:

- BS2X32 A&B

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

Surface Preparation and Pretreatment



Ensure the surface is clean, dry and intact - DeSoto® CN20 or Desoclean™ 45 solvent cleaners are recommended. Operators must wear gloves during surface preparation to avoid surface contamination.

Desoprime™ 7530 Chromate Free Pre-Treatment Primer

Instructions for Use



Thoroughly shake the base component for a minimum of 10 minutes until a smooth and homogenous mix is obtained. Add activator to base material and stir thoroughly.

Note: All products and components should be conditioned at 20-35°C (68-95°F) for at least 24 hours prior to mixing and application.



Induction Time:

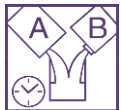
Not required



Viscosity: (23°C/73°F)

- | | |
|------------|-----------------|
| • AFNOR4 | 16 - 20 seconds |
| • BSB3 | 30 - 40 seconds |
| • AFNOR2.5 | 56 - 80 seconds |
| • FORD4 | 15 - 19 seconds |
| • ISO4 | 22 - 38 seconds |
| • ZAHN2 | 20 - 25 seconds |
| • ISO3 | 48 - 58 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 - 30°C (59 - 86°F)
Relative Humidity	20 - 80%

Application:

Apply one wet even coat to achieve the recommended dry film thickness of 8 - 12 µm. Protective gloves must be worn when handling applied primer.



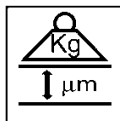
Theoretical Coverage: (ready for use)

30 m²/Lt @ 10 µm dry film thickness
1200 ft²/US gal @ 0.4 mil dry film thickness

Recommended Dry Film Thickness:

8 - 12 µm
0.3 - 0.5 (mil)

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Dry Film Density:

1.5 g/cm³
12.5 lbs/US gal

Dry Film Weight:

15 g/m² @ 10 µm dry film thickness
0.003 lbs/ft² @ 0.4 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:



Equipment Type	Tip Size	Paint Pressure	Fluid Rate	Air Pressure
Conventional Spray Gun	1.2 mm or 1.5mm			44 to 72 psi (3 to 5 bar)
Electrostatic Airmix	611 to 613	870 to 1450 psi (60 to 100 bar)	480 ml/min	58 psi (4 bar)
Low Pressure Electrostatic Pro XS4 or XS3	1.2		320 ml/min	73 psi (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:

Yellow



Gloss:

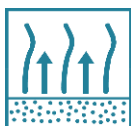
Not Applicable

Desoprime™ 7530 Chromate Free Pre-Treatment Primer



Drying Times 50 % R.H.	23°C (73°F)
Dust Free	30 minutes
Dry to Overcoat	1 hour (min.) 24 hours (max.)
Dry to Tape	1 hour
Full Cure	7 days

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



Flash Off Time:

Not Applicable



VOC: (ASTM)

Mixed ready for use

<780 g/Lt



Flash Point:

7530 Base Component
7530B Activator

29°C (84°F)
26°C (79°F)

Shelf Life:

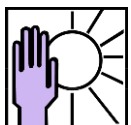
7530 Base Component
7530B Activator

24 months in original unopened container
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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ASC – Australia
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This document has been reviewed by the PPG Aerospace Export Control Department and has been determined to contain only EAR99 controlled data.

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