

LR8123ZP Anti-Fret Primer

TECHNICAL DATA SHEET

Product Description

LR8123ZP is a two pack, anti-fret primer based on an etch primer with the addition of molybdenum disulphide. LR8123ZP is designed to prevent fretting corrosion between metallic joints under stress and vibration, and is recommended for use with aluminium alloys.

- Corrosion inhibiting properties
- Rapid drying
- Anti-fret
- REACH Compliant

Components



Mix Ratio (by volume)

- LR8123ZP (Base) 1 part
- TH34B (Acid Catalyst) 1 part
- T105 (Thinner anti-chill) 0.1 part (max)
OR
- T112 (Thinner general use) 0.1 part (max)

Specifications



LR8123ZP is qualified to:

- DTD 900/4650

LR8123ZP is compatible with the following jointing compound specification:

- ABP 4-5144

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

Surface Preparation and Pretreatment

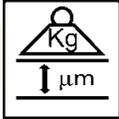


Ensure the surface is clean, dry and intact using a high performance solvent cleaner - DeSoto® CN20 or Desoclean™ 45 solvent cleaner are recommended. Observe recommended overcoating windows.

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Recommended Dry Film Thickness:

4 - 8 μm
0.16 - 0.32 mil



Dry Film Density:

2.3 g/cm^3
19 lbs/US gal

Dry Film Weight:

14 g/m^2 @ 6 μm dry film thickness
0.0028 lbs/ft² @ 0.24 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	Pressure
Airmix	9 to 11 thou	44 to 73 psi (3 to 5 bar)
HVLP Air Spray	1.2 to 1.6 mm	
Conventional Air Spray	1.2 to 2.2 mm	
Airless	9 to 11 thou	1450 to 1885 psi (100 to 130 bar)
Air-assisted Electrostatic	Not Recommended	
Low Pressure Electrostatic	Not Recommended	

Equipment Cleaning:

Clean spray equipment before use and as soon as possible after use. DeSoto® CN20, CN44 or Desoclean™ 45 solvent cleaner are recommended.

Physical Properties



Colour:
Very dark green



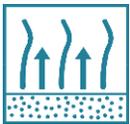
Gloss:
N/A

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DRYING TIMES @ 23°C (73°F) 75% R.H.	
Dry to Touch	20 minutes
Dry to Handle	45 minutes
Dry to Overcoat	1 hour (min.) 24 hours (max.)
Dry to Mask	2 hours
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	745 g/Lt
LR8123ZP Base Component	650 g/Lt
TH34B Acid Catalyst	810 g/Lt
T105 Thinner	940 g/Lt
T112 Thinner	800 g/Lt



Flash Point:

LR8123ZP Base Component	-4°C (25°F)
TH34B Acid Catalyst	-4°C (25°F)
T105 Thinner	40°C (104°F)
T112 Thinner	-5°C (23°F)

Shelf Life:

LR8123ZP Base Component	24 months in original unopened container
TH34B Acid Catalyst	24 months in original unopened container
T105 Thinner	10 months in original unopened container
T112 Thinner	10 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

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

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