

# P-1031

## Corrosion Resistant Wash Primer



**Product** P-1031 Corrosion Resistant Wash Primer

**Item Class** Specialty Coating

P-1031 is a filiform corrosion resistant acid etching wash primer used in various military and commercial aerospace applications. It was developed as an alternative pretreatment to chemical conversion coatings.

**Specifications** Product is manufactured to meet the performance requirements of the following specifications:

AIMS 04-04-012 - ASN A4173 - BSX 32 - DPS 4.50-187 - I.C. TO-37.05 - KN 00031  
CI II - MIL-C-8514C - PQ 10050 H - 021 - Z-12.120/AIMS 04-04-012

**Catalyst & Additives** Catalyst/Activator Thinner

625	CM160
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**Surface Preparation** Proper surface preparation and cleaning is essential to insure adhesion of primer to substrate. Prepare substrate per OEM requirements. Contact your local 3Chem representative for detailed preparation process depending on application.

**Mixing Instructions**

Base	Catalyst/Activator	Thinner	Mix Ratio
P-1031	625	CM160	4:1:2

Shake comp. A (P-1031 base) for 10-15 minutes. Add 2 parts comp C (CM160 reducer) to 1-part comp B (625 catalyst). Add this mixture to 4 parts of comp A (P-1031 base).

**Induction Time** Although no induction time is needed. Once mixed together, insure that admixed material is continuously stirred for at least 5 minutes before proceeding.

**Spraying Viscosity** 16-18 SECONDS WITH #2 ZAHN CUP

**Pot Life** 4 HOURS (21 DEGREES C, 70 DEGREES F)

**Film Thickness** 0.2 TO 0.4 MILS

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### Application Instructions

Temperature and Humidity	Minimum	Maximum
Temperature Celsius	14°	36°
Temperature Fahrenheit	55°	96°
Humidity	34%	74%

#### Spray Equipment

Spray Gun Type	Tip/Nozzle Size
Conventional Air	1.2 - 1.4 mm
HVLP	1.2 - 1.4mm
Electrostatic	1.2 - 1.4mm

#### Number of Coats:

Apply one even wet coat within film thickness recommendations.

Note: Maximum overcoat window is 24 hours.

#### Color

Yellow Translucent

**Volatile Organic Compound** 350 g/l maximum with no reducer added

#### Shelf Life

24 Months (When stored in climate-controlled environment between 60-80° F)

\*Product may be re-certified upon inspection by 3Chem.

#### Safety Instructions

Always read material safety data sheet (SDS) and product label before utilizing this product. Product SDS is available upon request.

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