

364-1-6

Wash Primer

Technical Data Sheet

Product Group

Wash primer

Characteristics



Product
Information

- Acid etch pretreatment primer
- Provides excellent adhesion of coating system to substrate
- Facilitate strippability

Components



Curing Solution
Thinner

Curing Solution CA-168
Thinner T-31

Specifications



Qualified
Product List

Boeing Mesa	HMS 15-1098, Ty II
US Military	DOD-P-15328
US Military	MIL-C-8514

For most recent up-date or missing specifications please check the qualified product list (QPL) on www.akzonobel.com/aerospace

Surface Conditions



Cleaning

- Surface pretreatment is an essential part of the painting process.
- On aluminum: Degrease thoroughly and chemically clean, or pretreat metal surfaces chemically. (Chromic acid anodizing, acid chromate pickling).
- On steel or alloy substrates: Chemically clean or abrasive blast as required.

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Instruction for Use



Mixing Ratio
(volume)

100 parts
25 parts
0-50 parts

Base 364-1-6
Curing Solution CA-168
Thinner T-31

- Stir or Shake until all pigment is uniformly dispersed before adding curing solution.
- Stir the catalyzed mixture thoroughly.



Induction Time

30 minutes



Initial Spraying
Viscosity
(25°C/77°F)

20-40 seconds ISO Cup #4
19-27 seconds Signature Zahn Cup #2

(25 parts thinner normally used.)



Note

Viscosity measurements are provided as guidelines only and are not to be used as quality control parameters. Certified information is provided by certification documentation available on request.



Pot life
(25°C/77°F)

4 hours.



Dry Film
Thickness
(DFT)

5.1 – 7.6 micron (μm)
0.2 – 0.3 mils

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Application Recommendations



Conditions

Temperature: 15 – 35°C
59 – 95°F
Relative Humidity: 35 – 75%



Note

The quality of the application of all coatings will be influenced by the spray equipment chosen and the temperature, humidity, and air flow of the paint application area. When applying the product for the first time, it is recommended that test panels be prepared in order to identify the best equipment settings to be used in optimizing the performance and appearance of the coating.



Equipment

Airless
Nozzle orifice:
0.279 mm (.011 inch) angle 60°
0.330 mm (.013 inch) angle 80°



Number of
Coats

Spray a single uniform wet coat to recommended dry film thickness



Cleaning of
Equipment

Use T-31 thinner

Physical Properties



Drying Times
(25 +/- 2°C / 77
+/- 2°F, 55 +/-
5% RH)

Dry to touch 15 minutes
Dry to recoat 45 minutes

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Theoretical Coverage

13-19 m² per liter ready to apply at 25 micron dry film thickness
517-775 ft² per gallon ready to apply at 1 mil dry film thickness



Dry Film Weight

44.6 g/m²/ 25 micron
0.009 lbs/ft²/mil



Volatile Organic Compounds

Max 732 g/l
Max 6.2 lb/gal



Gloss (60°)

N/A



Color

Yellow / Brown



Flash-point

364-1-6	12°C / 53°F
CA-168	12°C / 53°F
T-31	12°C / 53°F



Storage

Store the product dry and at a temperature between 5 and 38°C / 40 and 100°F per AkzoNobel Aerospace Coatings specification. Store in the original unopened containers. Storage temperature may vary per OEM specification requirements. Refer to container label for specific storage life information.

Shelf life
5 - 38°C
(40 - 100°F)

12 months per AkzoNobel Aerospace Coatings commercial specification. Shelf life may vary due to OEM specification requirements. Refer to container label for specific shelf life information.

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Safety Precautions

Comply with all local safety, disposal and transportation regulations. Check the Material Safety Data Sheet (MSDS) and label of the individual products carefully before using the products. The MSDS's are available on request.

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IMPORTANT NOTE The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advice given is subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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