

Aerodur 2122 Touch-up Primer

Technical Data Sheet

Product Group

Epoxy Chrome Free Corrosion Inhibiting Touch-up Primer

Characteristics



Product
Information

2122P001 is a fast drying, fluid resistant epoxy primer designed for compatibility with sealants, for touch-up of damaged primer coatings and for use as a tie coat in applications requiring corrosion resistance without the use of chromate pigments.

Components



Curing Solution

Curing Solution: EC-292

Specifications



Qualified Product
List

Lockheed Martin Aeronautics LMA-MR058 Class I, Form I (E)

The complete AkzoNobel Aerospace Coatings qualified product list (QPL) can be found at: www.aerospace.akzonobel.com

Surface Conditions



Cleaning

For application to previously applied primers:

- Scotch-Brite® aged primer
- Solvent wipe
- Apply 2122P001
- If previously applied primer is removed to bare metal, follow FMS-1058E specification requirements for cleaning and pretreatment application.
- Surface Pretreatment is an essential part of the painting process
- Follow specification requirements for pretreatment & primer application

Instruction for Use



Mixing Ratio
(volume)

1 part 2122P001 Base Component
1 part EC-292 Curing Solution

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



Induction Time

15 minutes



Pot Life
(25°C/77°F)

1.5 – 2.0 hours



Dry Film
Thickness
(DFT)

15.24 – 25.4 micron (µm)
0.6 – 1.0 mils

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 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 to identify the best settings to be used in optimizing the performance and appearance of the coating.



Equipment

Fine bristle brush or equivalent



Number of coats

A single uniform wet coat to recommended dry film thickness.



Cleaning of
Equipment

MEK

Physical Properties

	Drying Times according to AITM 2-0011 (25 +/- 2°C / 77 +/- 2°F, 55 +/- 5% RH)	Dust-free Tack free Dry to topcoat Dry through Full Cure	15 minutes 30 minutes 2 hours 4 hours 7 days
	Theoretical Coverage	8.75 m² per liter ready to apply at 25 µm dry film thickness 351 ft² per US gallon ready to apply at 1 mil dry film thickness	
	Dry Film Weight	48.25 g/m²/25 micron 0.0100 lbs/ft²/1 mil	
	Volatile Organic Compounds	350 g/l (per US calculations) Max. 2.9 lb/gal	
	Gloss (60°)	15 GU Max.	
	Color	Green	
	Flash-point	2122P001 EC-292	-17°C / 1°F -17°C / 1°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 product upright. 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)	7 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. Shelf life of 12 months can be achieved with storage conditions at 77°F and 50% humidity.	

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 MSDSs 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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