# 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



AkzoNobel Aerospace Coatings
1 East Water Street, Waukegan, IL 60085, USA - Phone (847) 623 4200, Fax (847) 625 3200
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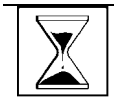
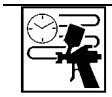
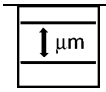
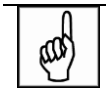
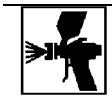
## Instruction for Use

| | |
|---|---|
|  Mixing Ratio (volume) | 1 part 2122P001 Base Component<br>1 part EC-292 Curing Solution<br><br>- Stir or Shake until all pigment is uniformly dispersed before adding curing solution.<br>- Stir the catalyzed mixture thoroughly. |
|  Induction Time | 15 minutes |
|  Pot Life (25ºC/77ºF) | 1.5 – 2.0 hours |
|  Dry Film Thickness (DFT) | 15.24 – 25.4 micron (µm)<br>0.6 – 1.0 mils |

## Application Recommendations

| | |
|---|---|
|  Conditions | Temperature: 15 – 35°C<br>59 – 95°F<br>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 |



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## Physical Properties

| | | |
|---|---|---|
| Drying Times according to AITM 2-0011 (25 +/- 2ºC / 77 +/- 2ºF, 55 +/- 5% RH) | Dust-free | 15 minutes |
| | Tack free | 30 minutes |
| | Dry to topcoat | 2 hours |
| | Dry through | 4 hours |
| | Full Cure | 7 days |
| Theoretical Coverage | 8.75 $m^2$ per liter ready to apply at 25 μm dry film thickness<br>351 $ft^2$ per US gallon ready to apply at 1 mil dry film thickness | |
| Dry Film Weight | 48.25 $g/m^2$/25 micron<br>0.0100 $lbs/ft^2$/1 mil | |
| Volatile Organic Compounds | 350 g/l (per US calculations)<br>Max. 2.9 lb/gal | |
| Gloss (60º) | 15 GU Max. | |
| Color | Green | |
| Flash-point | 2122P001 | -17°C / 1°F |
| | EC-292 | -17°C / 1°F |
| Storage | Store the product dry and at a temperature between 5 and 38ºC / 40 and 100ºF 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.<br>Shelf life of 12 months can be achieved with storage conditions at 77°F and 50% humidity. | |



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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 MSDSs are available on request.

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