

Alumigrip 10P30-8

Technical Data Sheet

Product Group

Sanding Surfacer

Characteristics



Product
Information

- Alumigrip 10P30-8 is a two-component high build epoxy surfacer formulated to provide excellent filling properties, superior hang-up, and easy sanding characteristics.

Components



Curing Solution
Thinner

EC-284
Thinner TR-114 or TR-115 (optional) (VOC exempt solvent)

Specifications



Qualified
Product List

Bombardier/Lear	LES 1509, LES 1348, LES 1098
Cessna	CMFS039, CSFS084
Emivest Aerospace	PS84
Ilyushin	I756.18.619
Raytheon	772254-1

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.
- Apply over primed or clean substrate. This product has good adhesion direct to metal or composites. Apply over a corrosion resistant primer if corrosion resistance is required.

Instruction for Use



Mixing Ratio
(volume)

4 parts	Base 10P30-8
1 part	Curing Solution EC-284
1 part	TR-114 or TR-115 (optional)

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

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Induction Time

15 minutes



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

38 – 50 seconds ISO Cup 4mm
16 – 26 seconds Ford Cup #4
20 – 30 seconds Zahn Cup #2 S90 Signature



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)

50 – 100 microns (μm)
2 – 4 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 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.

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	Equipment	HVLP 1.4 mm (.055 inch) nozzle orifice Air Assist Airless HVLP 0.6 mm (.024 inch) nozzle orifice High Pressure Assist HVLP 0.5 mm (.018 inch) nozzle orifice
	Number of Coats	Apply full wet coats with about 15 minutes flash off time between coats until desired film thickness is reached.
	Cleaning of Equipment	MEK, MPK, or equivalent
Physical Properties		
	Drying Times (25 +/- 2°C / 77 +/- 2°F, 55 +/- 5% RH)	Dry to sand: 3-4 hours at 2 - 2.5 mils dry. Application at higher film thickness will extend the dry time.
	Theoretical Coverage	21.3 m ² per liter ready to apply at 25.4 μm dry film thickness 870 ft ² per US gallon ready to apply at 1 mil dry film thickness
	Dry Film Weight	48.4 g/m ² at 25.4 microns .0099 lbs/ft ² at 1 mil
	Volatile Organic Compounds	Max 350 g/l Max 3.0 lb/gal (Exempt solvents are contained in the base and thinner)
	Gloss (60°)	10 – 50 GU

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Fineness of Grind	4 minimum
 Color	Off-white
 Flash-point	Alumigrip 10P30-8 -17°C / 1°F EC-284 7°C / 45°F TR-114 -17°C / 1°F TR-115 -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 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)	24 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.

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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