

Aerodur CF 8900

Technical Data Sheet

Product Group

Characteristics



Product Information

Components



High Heat Or Insulation Coating

This specialty coating is designed for use on the leading edges of aluminum alloy nose cowl inlets. It is formulated for cosmetic touch up on air inlet lipskin.

Base	Aerodur CF 8900
Curing Agent	Hardener 6041
Thinner	Thinner 98064 (warm conditions)

Specifications



Qualified Product List

Airbus	AIMS 04-04-072
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Surface Conditions



Surface Preparation/
Cleaning

Surface pretreatment is an essential part of the painting process

- METAFLEX 1050 Method apply/wipe off:
- Degrease the substrate with Cleaning Solvent 98068
 - Apply one wet layer of Metaflex using the spray bottle; wait 3 min
 - Firmly wipe off the dirt from the surface using a cloth
 - Apply a 2nd wet layer of Metaflex and wait 3 min
 - Gently wipe the surface with a cloth to remove the soap
 - Leave it dry between 45min and 1h
 - Apply the paint directly on the top

Substrate:
Alodine or chromic and sulphuric acid anodized surfaces.

Instruction for Use



Spray Application (Mix Ratio)

	Volume
Aerodur CF 8900	3 parts
Hardener 6041	1 part
Thinner 98064 (warm conditions)	1 part

Stir or shake until all pigment is uniformly dispersed before adding curing solution.
- Stir the catalyzed mixture thoroughly.
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Initial Spraying Viscosity
(25°C/77°F)

15 – 17 seconds EZ Zahn Cup #2
27 – 33 seconds Zahn Cup #1
27 – 35 seconds ISO Cup #3



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 4 hours

Aerodur CF 8900



Dry Film Thickness (DFT) 12 – 18 μm
0.5 – 0.7 mil

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 airflow 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 the appearance of the coating.



Equipment Recommendation Nozzle orifice 1.4 mm (0.055")
Atomizing air pressure: 45 - 60 psi
Fluid pressure : 6 psi



Cleaning of Equipment Solvent Cleaning C 28/15 or Solvent Cleaning 98068.

Physical Properties



Drying Times
Dry to Touch 15 - 30 minutes
Dry to Overcoat 1 - 2 hours
Full Cure 7 days



Theoretical Coverage 7.3 m² per liter ready to apply at 25 μm dry film thickness
299 ft² per US gallon ready to apply at 1 mil dry film thickness



Dry Film Weight 40 g/m²/25 μm
.008 lbs/ft²/mil



Volatile Organic Compounds European guidelines 700 g/l
US guidelines 5.8 lb/gal



Gloss (60°) Maximum 15 GU

Color Aluminum

Aerodur CF 8900



Flash Point	Aerodur CF 8900	<21°C / 70 F
	Hardener 6041	<21°C / 70 F
	Thinner 98064 (warm conditions)	>21°C / 70°F
Shelf life	Shelf life may vary due to OEM specification requirements. Refer to container label for specific shelf life information.	
Shelf life 5 - 35°C (41 - 95°F)	Aerodur CF 8900	24 months
	Hardener 6041	18 months
	Thinner 98064 (warm conditions)	36 months

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. Brand names mentioned in this data sheet are trademarks of or are licensed to AkzoNobel