

PRODUCT DATA SHEET
WASH PRIMER CF 2K AEROSOL
S6300



Features & Uses

Wash Primer CF is a chromate-free etch primer, based on 'Controlled Fusion' (CF) technology. CF technology is a unique chemical system that allows extended re-coat times, removes the need for sanding prior to applying the next coat and also gives excellent substrate adhesion. This technology eliminates the requirement for high hazard chemicals and ensures a tightly fused intercoat layer between the CF-based coating and the next applied coat. The 2-Part Wash Primer CF Aerosol is ideal for repairs and hard to reach areas where a fast effective solution is required.

For use above the waterline only.

Specification Data

Type: Etch Primer.

Colour: Yellow.

Packaging: A two-part 250ml aerosol.

Theoretical Coverage: *816 feet² / gallon (20 m² / litre) at 0.08 mil (2 microns) at recommended dry film thickness

*Calculated for mixed base and converter.

Coverage calculations are based on theoretical transfer efficiency of 100%. Actual coverage rate obtained will vary according to equipment choice, application techniques, part size, and application environment.

Recommended Wet Film Thickness: 1 - 2 mils (25 - 50 microns) per coat.

Recommended Dry Film Thickness: 0.04 – 0.08 mils (1 - 2 microns) per coat.

Number of coats: 1

Recoatibility:

Overcoating by	15°C/59°F		25°C/77°F		35°C/95°F	
	Min	Max	Min	Max	Min	Max
545 Epoxy Primer	1 hour	6 months	1 hour	6 months	1 hour	6 months
Awlgrip Topcoats	1 hour	6 months	1 hour	6 months	1 hour	6 months

Min = Minimum recoatability

Max = Maximum recoatability period without sanding

Important: The Controlled-Fusion process will mean that the Wash Primer CF will soften when overcoated by solvent-based materials. Full hardness and adhesion develops 1 week after Topcoat application. Topcoated parts should be left a minimum of 7 days before wrapping to allow controlled fusion process to complete.

VOC (mixed : R6600 : R3300) – 5.82lbs /gallon (699g/lt) US
 - 6.07lbs/gallon (720g/lt) EU

Product Components, Reducers, Additives, and Auxiliary Components

2 part Aerosol..... S6300
 Reducer DO NOT THIN/REDUCE

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Surface Preparation

Wash Primer CF Aerosol may be directly applied to aluminum, anodized aluminum and stainless steel. Not suitable for wooden or plastic surfaces.

1. Thoroughly clean and degrease the surface. Use commercial detergents, steam cleaners or pressure washers. Be sure all detergent residue is rinsed from the surface. Use Awlgrip Wipe Down Solvent (NA: Awlprep Plus T0115; EU: Surface Cleaner T0340) for a final wipe down of the surface.
2. Anodized and stainless steel parts should be sanded with 80-120 grit paper to 'break' the anodized surface to ensure adhesion to the pre-primer.
3. For architectural grades of anodized aluminum, the surface must be thoroughly sanded with 40-80 grade paper until a surface profile is present. The surface must then be thoroughly cleaned and degreased with Awlgrip Wipedown Solvent (NA: Awlprep Plus T0115; EU: Surface Cleaner T0340)

Operation of Aerosol

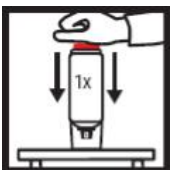
There are major differences in the way that 1K and 2K aerosols are used and it is vital that the following instructions are carried out:



1. Shake aerosol can vigorously. When mixing ball is heard, shake can for a further two minutes minimum.



2. Remove the red push button from the cap and place on the bottom of the aerosol. Place the aerosol on a stable, horizontal surface with the cap pointing downwards



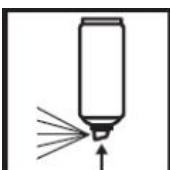
3. Activate the aerosol by applying even, vertical pressure. Listen for the clicking noise. Press just once.
4. Write the date and time of activation on the label. The pot life specified on this datasheet applies to an ambient temperature of 21°C. The pot life will vary depending on the ambient temperature. Lower temperatures will extend the pot life, while higher temperatures will reduce it.



5. Thoroughly shake the aerosol for two minutes to properly mix all the components together



6. Perform a trial spray



7. When you are finished working you must empty the valve with the spray head pointing downwards. Spray until only propellant leaves the muzzle.

Anticipated Pot Life at 21°C (70°F) @ 50% R.H: 8 hours

Application Instructions

General Topside Systems

Hold can at a minimum of 12 inches from the surface to be coated. Apply with multiple quick passes until a continuous film is achieved. Do not exceed maximum recommended dry film thickness.

Obtaining the recommended film build is ESSENTIAL for a flat surface.

Fast Drying Topcoat System

Hold can at a minimum of 12 inches from the surface to be coated. Apply with multiple quick passes until a continuous film is achieved. Do not exceed maximum recommended dry film thickness. Apply 1 coat of Wash Primer CF at 2 mils (50 microns) wet film thickness.

Following the recommended overcoating interval apply 2-3 coats of Awlgrip, Awlcraft 2000 or Awlgrip HS topcoat at the correct wet film thickness – check relevant datasheet for more information on topcoat application.

Build System (for increased thickness and hiding imperfections)

Hold can at a minimum of 12 inches from the surface to be coated. Apply with multiple quick passes until a continuous film is achieved. Do not exceed maximum recommended dry film thickness. Apply 1 coat of Wash Primer CF at 2 mils (50 microns) wet film thickness.

Following the recommended overcoating interval apply 1 coat of 545 Epoxy Primer (or 321 HS Undercoat) at the at the correct wet film thickness – check relevant datasheet for more information on undercoat application. Once cured for the recommended interval then apply 2-3 coats of Awlgrip, Awlgrip HS, Awlcraft 2000 or Awlcraft SE topcoat at the correct wet film thickness – check relevant datasheet for more information on topcoat application.

Important note: While the build system will be touch dry at 24 hours at 77°F (25°C) following topcoat application, it's important for the 'controlled fusion' to fully activate and through dry. No assembly, stacking or drilling should take place prior to 2 weeks at 77°F (25°C), or 3 weeks at 55°F (13°C).

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Disposal: Ensure aerosol can is completely empty prior to disposal.

Do not apply paint materials to surfaces warmer than 40°C (105°F) or colder than 15°C 59°F. Do not attempt to cure products at temperatures below 15°C 59°F.

Read Material Safety Datasheet for the appropriate health and safety information prior to use. Full personal protective equipment is highly recommended.

The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.