

Features & Uses

A two component epoxy filler with excellent sag resistance, excellent film build capability, and is easy to sand. Generally used after AWL®-FAIR L.W on large fairing surfaces as an insulator/surfacer before High Build Primer or ULTRA-BUILD D Primer. Do not use in spot repair systems. Not to be used below the waterline.

Specification Data

Type: Epoxy Polyamide

Packaging: Available in 1 gallon and 1 quart containers

Theoretical Coverage: Sq. Feet/Gallon; 981 Sq. Feet (91m²) at one mil dry (25 microns); 65 Sq. Feet (6m²) at recommended dry film thickness.

Calculated for mixed base and converter, reduced 15%.

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: Up to 60 mils (Up to 1,500 microns) in 2 coats.

Recommended Dry Film Thickness: Up to 40 mils (Up to 1,000 microns) Recoatability: May be recoated with itself, after 2 hours; with other products, minimum 24 hours. Multiple coat applications will usually need

2-3 days (48-72 hours) before overcoating with other products. Maximum without sanding: 24 Hours. May be overcoated with High Build Epoxy Primer, and ULTRA-BUILD Primers. D6001/D3011 is very porous. It must be sealed with HIGH BUILD Epoxy or ULTRA-BUILD before applying a final primer or topcoat.

VOC: Base (D6001) - 256 g/ltr or 2.1 lbs/gallon
 Converter (D3011) – 246 g/ltr or 2.1 lbs/gallon

Product Components, Reducers, Additives, and Auxiliary Components

Base - TanD6001
 ConverterD3011
 Reducer..... T0006
 Equipment Cleaning T0002 or T0006 Reducers or M.E.K.

Application Equipment

Conventional or airless spray. Pressure feed equipment required.

SPRAY EQUIPMENT*Pressure Pot System Guns*

Binks or equivalent:

Spray Gun: #95
 Fluid Nozzle: #68SS (.110" Orifice Size)
 Fluid Needle: #668
 Air Nozzle: #68PB

Pressure pot gauge should read 15 to 25 lbs.

Atomizing pressure 50+ lbs.

High Volume Low Pressure Guns

Binks MACH 1 or equivalent pressure pot:

Fluid Nozzle: #97 (.070" Orifice Size)
 Fluid Needle: #54-4382
 Air Nozzle: #97P

Airless Equipment

Binks or equivalent:

Spray Gun: Airless 1

Orifice Size: .028" - .043"

Fan Size & Angle: 8" – 80°, or 6" – 60°

On a 25-1 pump, the pressure gauge should read 70 to 80 lbs.

On a 40-1 pump, the pressure gauge should read 50 to 60 lbs.

Surface Preparation

This product should only be applied over other properly prepared Awlgrip Primers. See Surface Preparation section for each type of substrate.

Mixing and Reduction

Spray: Mix 1 part D6001 with 1 part D3011. When a smooth homogenous mixture is obtained, reduce 5-25% with T0006. Overall mix is 1:1:1/10 by volume.

Example: 8 oz. D6001, 8 oz. D3011, 1.6 oz. T0006.

Induction Time after Mixing: 15 Minutes

Anticipated Pot Life at 77°F/50% R.H: 16 Hours

Application Instructions

Spray: Apply heavy coats, 30 mils WFT or more. Multiple coats may be needed. Do not apply more than three coats without allowing to cure hard.

Trowel/Knife: Mix D6001 and D3011 without reducer. Allow to induct 30 minutes, re-stir. This mixture can be used to trowel into very minor pinholes or scratches.

Warning: Sprayable Fairing Compound can take 2 to 3 days to cure at 77°F. Plan for longer cure times at temperatures below 77°F. **Do not** apply paint materials to surfaces warmer than 105°F or colder than 55°F. **Do not** attempt to cure products at temperatures below 55°F.

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.

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