



PRODUCT DATA SHEET
Awlquik Epoxy Primer/Surfacer D8003/D9001

Features & Uses

A quick drying, medium build, easily sanded, two component epoxy primer/surfacer. Easy to apply by brush, roller or spray. 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: 609 Sq. Feet (57m²) at one mil dry (25 microns).
203-305 Sq. Feet (19-28m²) at recommended dry film thickness.
Calculated for mixed base and converter reduced 50%.
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: 5 mils (125 microns)
Recommended Dry Film Thickness: 2-3 mils (50-75 microns)
Recoatibility: At 77F/50% R.H.
Spray: may be overcoated with itself, 4 hours; with 545 Primer or topcoat, 12 hours.
Brush Roll: with itself, 12 - 14 hours, with other products 12 - 14 hours.
Maximum without sanding: 24 Hours. May be overcoated with Awlgrip/Awlcraft 2000 Topcoats, and 545 Epoxy Primer.
Note: Sealing Awlquik with 545 Primer before applying an Awlgrip/Awlcraft 2000 topcoat will maximize gloss and D.O.I. of the topcoat.

VOC: Base (D8003) - 436 g/lit or 3.6 lbs/gallon
Converter (D9001) - 354 g/lit or 3 lbs/gallon

Product Components, Reducers, Additives, and Auxiliary Components

Table listing components: Off White Base (D8003), Converter (D9001), Spray Reducer (T0006), Brushing Reducer (T0031), Equipment Cleaning (T0006, T0002, or T0031 Reducers or M.E.K.)

Application Equipment

Conventional or airless spray and brush/roller.

Airless Equipment

Graco or Binks equivalent:

Orifice Size.....0.028" - .043"
Fan size & Angle.....8" - 80°, or 6" - 60°
On a 25-1 pump, the input pressure gauge should read 70 to 80 lbs.
On a 40-1 pump, the input pressure gauge should read 50 to 60 lbs.

Pressure Pot

Spray gun.....#95
Fluid nozzle.....#63BSS (.046" Orifice size)
Fluid needle.....#663A
Air nozzle.....#63PW

Pressure gauge should read 8-12 lbs. Atomizing pressure 50 to 60 lbs.

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Surface Preparation

Best when used as a surfacer over other Awlgrip Primers. May be applied by brush or roller directly to properly prepared wood or fiberglass. Best results are obtained when these surfaces are first sealed with 545 Primer.

Mixing and Reduction

Spray: Mix by volume 1 part D8003 Base with 1 part D9001 until a smooth, homogenous mixture is obtained. Reduce as necessary up to 50% with Spray Reducer T0006

Example: 8 oz. D8003, 8 oz. D9001, 8 oz. T0006.

Brush/Roll: Reduce mixed D8003/D9001 as needed up to 50% with T0031. For wood substrates reduce D8003/D9001 50-70% with T0031.

Induction Time after Mixing: 15 Minutes

Anticipated Pot Life at 77°F/50% R.H: 8 Hours

Application Instructions

Spray: Apply AWL-QUIK® Sanding Surfacer in smooth coats of 4 to 6 mils (100 to 150 microns) WFT yielding 2 to 3 mils (50 to 75 microns) DFT. Allow 4 hours between coats at 77°F, 50% R.H.

Brush/Roller: Two coats will be required. Light sanding between coats will improve appearance. For large surfaces rolling, then tipping with a brush is preferred.

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.

Warning:

Do not apply paint materials to surfaces less than 3°C (5°F) above dew point, or to surfaces warmer than 41°C (105°F). Ambient temperature should be minimum 13°C (55°F) and maximum 41°C (105°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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