

**Features & Uses**

AWLBRITE Amber Sealer is a product developed for the professional to aid in the finishing of interior wood surfaces. AWLBRITE Amber Sealer allows applicators to apply a tinted product directly to the wood surface to help provide a rich uniform color prior to finishing with a gloss or semi-gloss product. Do not use below the waterline. This product is recommended for interior use only.

**Specification Data**

Type: Three Component Acrylic Urethane

Color: J3678 - Amber

Packaging: Gallons and Quarts

Theoretical Coverage - Sq. Feet/Gallon; 930 Sq. Feet (86 m<sup>2</sup>) at 1 mil dry (25 microns)

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: 2.0-2.5 mils (50-62 microns) per coat.

Recommended Dry Film Thickness: 1.0-1.2 mils (25-30 microns) per coat.

Recommended number of coats: 2-3

Anticipated Cure Time at 77°F (25°C) /50% R.H: 3 hours to recoat; 12 hours to light service; 7 days for full cure.

Recoatibility: With itself: 3 hours minimum, 24 hours maximum without sanding or scuffing.

VOC: Amber Sealer (J3678) - 372 g/ltr or 3.1 lbs/gallon  
Converter (J3006) – 146 g/ltr or 1.2 lbs/gallon

**Product Components, Reducers, Additives, and Auxiliary Components**

Base – Amber Sealer .....	J3678
Converter .....	J3006
Spray Activator .....	A0001, A0003 or A0006
Brush Activator .....	A0031
Equipment Cleaning .....	T0001, T0002, or T0003, or M.E.K.

**Application Equipment**

Conventional air atomized spray or HVLP spray. J3678 can be applied by brush with excellent results. Do take care to apply thin, smooth coats to avoid uneven color (when applied by brush).

**SPRAY EQUIPMENT****Pressure Pot System**

Binks or equivalent:

Spray Gun: #95

Fluid Nozzle: #63BSS (.046" Orifice Size)

Fluid Needle: #663A

Air Nozzle: #63PB

Pressure pot gauge should read 8 to 12 lbs. with 50 to 60 lbs. atomization.

**Siphon or Cup Gun System**

Binks or equivalent:

Spray Gun: #95

Fluid Nozzle: #66SS (.070" Orifice Size)

Fluid Needle: #665

Air Nozzle: #65SK

Atomizing air pressure should be approximately 50 to 60 lbs.

**SPRAY EQUIPMENT****High Volume Low Pressure System**

Binks MACH 1 or equivalent pressure pot:

For use with all Awlgrip Topcoats and low viscosity primers.

Fluid Nozzle: #91 (.040" Orifice Size)

#92 (.046" Orifice Size)

Fluid Needle: #54-4382

Air Nozzle: #93P

**Surface Preparation**

The wood should be clean, dry, smooth, and well seasoned.

**New Wood:**

Rough sawn lumber must receive heavy sanding to level the grain. Work through the grits to effectively level the grain 60/80 to 100/150 to 220/280, and so on. When the grain is level, smooth sand the surface with 320 grit paper.

Note: Due to the wide variety of substrates, surface preparation methods, application methods and environments, customers should test the complete system for adhesion and compatibility under their conditions prior to full scale application.

**Mixing and Reduction**

AWLBRITE Amber Sealer is a three component product. Mix by volume 2 parts J3678 with 1 part J3006 until one smooth, homogenous mixture is obtained. Then add 1/2 part Activator (A0001, A0003, A0006 or A0031). Overall mix is 2:1:1/2 by volume. Example: 4 oz. J3678, 2 oz. J3006, 1 oz. A0001. Additional A0001 can be added if desired, but standard 2:1:1/2 ratio is required.

Mix and use small quantities of AWLBRITE products at a time. Keep the original containers closed when not in use. Do not shake AWLBRITE products.

Induction Time after Mixing: None

Anticipated Pot Life at 77°F (25°C), 50% R.H: 1 to 2 Hours

Adding PRO-CURE accelerators will continue to shorten the pot life.

**Application Instructions**

Apply AWLBRITE Amber Sealer by spray in light, slightly wet coats until the desired effect is achieved. Allow 20 to 40 minutes tack time between coats. This spray method allows uniform development of the material without flooding or floating. After achieving the specified color with AWLBRITE Amber Sealer, allow the coating to cure 8 - 12 hours at 77°F (25°C) before clear applications.

**Warning:**

Do not exceed the recommended wet film thickness.

Temperature Range: Optimal Surface/Ambient Temperature range is 18°C (60°F) to 35°C (95°F). Proper application and/or cure results may be more difficult to achieve when conditions are outside this range.

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 10°C (50°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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