

Technical Data Sheet



The Willamette Valley
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Partnering through
service, innovation, and
integrity

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U-100 BL3-Plus

Two-Component Polyurethane Wood Filler

DESCRIPTION

U-100 BL3-Plus Synthetic Patch Resin is a premium two-component polyurethane wood filler. It is specifically designed for applications where medium density or veneer overlay is critical.

WHERE TO USE

- Veneer Overlay Panels
- Face Grade Plywood Panels
- Medium Density Overlay
- Industrial Mill Environments

FEATURES AND BENEFITS

- Passes APA Tests – quality assurance
- Minimized Shrinkage– less telegraphing
- Great Adhesion – adheres to medium density overlay
- Tote Quantities – supplied in a mixing tote to ensure consistent product

PACKAGING

Totes, 330 gallons

SHELF LIFE

6 months from date of manufacture when properly stored. Requires mixing, (see "Handling" below).

STORAGE

Store this product in a clean, dry, shaded or covered environment above 45°F (7.2°C). DO NOT FREEZE.

TECHNICAL INFORMATION

TYPICAL PROPERTIES

Density – lbs / gallon (Kg / L)	Part A Resin	8.90 (1.07)
	Part B ISO	10.3 (1.24)
Viscosity, cps, ASTM D 4878	Part A Resin	5,000
	Part B ISO	200
Mix Ratio – Part A:B by volume		6:1
Set Time in seconds at 77° F (25° C) at 70 mils		Tuneable
Color Other colors by special order		Wood Tones

APPLICATION

Willamette Valley Company metering equipment is highly recommended for the application of U-100 BL3-PLUS. The metering equipment is specifically engineered for controlling the mix ratio, temperature, viscosity, and set time for U-100 BL3-PLUS. Contact your Willamette Valley Company representative for information about metering equipment.

ADVANTAGES

Under Proper surface preparation and mixing conditions, U-100 BL3-Plus meets or exceeds the American Plywood Association (APA) criteria for routed defects of up to 2.25" in diameter.

The Willamette Valley Company also offers an excellent Full Service Warranty.

HANDLING

This product is supplied to the customer in a ready to use form. Any addition of water or other materials will result in degradation of the product performance.

HEALTH AND SAFETY

Before handling, you should become familiar with the Safety Data Sheet (SDS) regarding the risks and safe use of this product. To obtain an MSDS please call 800 333 9826 or send an email to: sds@wilvaco.com.

CONTACT INFORMATION

Please see the side bar on this and the front page for the Division nearest to your location.

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