

# Technical Data Sheet



**W V C O**

Willamette Valley Company

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Partnering through service,  
innovation, and integrity

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Tel 800.663.4298

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Coronel, Chile  
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#### SOUTHERN DIVISION

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Pineville LA 71361  
Tel. 800 444 9826

# U-100 BL3 M Synthetic Patch

## Two-Component Polyurethane Wood Filler

### DESCRIPTION

U-100 BL3 M 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

- **APA Approved** – 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.

### STORAGE

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

## TECHNICAL INFORMATION

### TYPICAL PROPERTIES

Density – lbs / gallon	Part A Resin	8.50 +/-0.4
	Part B ISO	10.3
Viscosity, cps, ASTM D 4878	Part A Resin	5,500 +/-1000
	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		32 +/- 3
Color Other colors by special order		Wood Tones

### APPLICATION

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

### ADVANTAGES

Under Proper surface preparation and mixing conditions, U-100 BL3 M is fully approved the American Plywood Association for routed defects of up to 2.25" in diameter

U-100 BL3 M is supplied in a mixing tote that operates full time to ensure a consistent product.

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

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### NOTES

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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.

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### HEALTH AND SAFETY

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Willamette Valley Company recommends reading and becoming familiar with the Material Safety Data Sheet before using.

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### CONTACT INFORMATION

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

#### **WILLAMETTE VALLEY COMPANY**

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#### **OTHER DIVISIONS**

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##### **MIDWEST DIVISION**

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##### **PERFORMANCE COATINGS**

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Eugene, OR 97402  
Tel 541.484.9621  
[www.polyquik.com](http://www.polyquik.com)  
[www.wvcorailroad.com](http://www.wvcorailroad.com)

##### **PRECISION TECHNOLOGIES DIVISION**

675 McKinley Street  
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#### **SUBSIDIARIES**

##### **ECLECTIC PRODUCTS INC.**

Corporate Office  
1075 Arrowsmith Street  
Eugene, OR 97402  
Tel 541.284.4667  
[www.eclecticproducts.com](http://www.eclecticproducts.com)

##### **IDAHO MILL & GRAIN**

445 North 430 West Hwy  
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#### **DISCLAIMER OF WARRANTY**

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