U-100 Synthetic Patch
Two-Component Polyurethane Wood Filler

DESCRIPTION
U-100 Synthetic Patch is a two-component urethane system that has found extensive use in upgrading plywood panels, filling voids in laminated beams, moldings, floor blanks and other wood products. It works well under medium density overlay. U-100 is designed so the set time can be adjusted to suit the customer’s needs.

WHERE TO USE
- Plywood Panels
- Laminated Beams, Moulding, Door Blanks
- Industrial Mill Environments

FEATURES AND BENEFITS
- APA Approved – quality assurance
- Metering Reduces Waste
- Zero VOC – safer work environment

PACKAGING
- 5-gal pails
- Drums
- Totes

SHELF LIFE
3 months from date of manufacture when properly stored.

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

<table>
<thead>
<tr>
<th>Property</th>
<th>Part A Resin</th>
<th>Part B ISO</th>
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</thead>
<tbody>
<tr>
<td>Density – lbs / gallon (kg / L)</td>
<td>12.9 (1.55)</td>
<td>10.3 (1.2)</td>
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<tr>
<td>Viscosity, cps, ASTM D 4878</td>
<td>2350 - 2950 cP</td>
<td>170 - 230 cP</td>
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<tr>
<td>Mix Ratio – Part A:B by volume</td>
<td>6:1</td>
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<tr>
<td>Set Time at 77°F (25°C) in seconds</td>
<td>25 to 75</td>
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<tr>
<td>Custom set times available upon request</td>
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<tr>
<td>Color</td>
<td>Available in many colors</td>
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APPLICATION
U-100 is metered through Willamette Valley Company’s metering equipment and dispensed through a static mix tube. Application should be on wood no hotter than 190° F (87.7°C) with moisture content no greater than 8-12%. U-100 is ready for sanding 1 hour after application. Contact your Willamette Valley Company representative for information about metering equipment.

ADVANTAGES
Since the resin is mixed in the static mix tube as it is dispensed, only the amount needed is utilized, substantially reducing unnecessary waste.

The polyurethane components are always mixed in the same ratio. This ensures consistency in the final product’s properties.

Because both polyurethane components are contained, exposure to the uncured product is reduced. Also, being contained reduces the polyurethane’s exposure to moisture, enhancing the quality of the product.

The combined savings in disposal of hazardous waste, material cost, improved productivity, quality and the time saved due to ratio control yields tremendous overall savings.

The Willamette Valley Company also offers an excellent Full Service Warranty.
NOTES
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 SDS please call 800 333 9826 or send an email to: msds@wilvaco.com.

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

DISCLAIMER OF WARRANTY
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THE WILLAMETTE VALLEY COMPANY LLC
www.wilvaco.com
info@wilvaco.com

OTHER DIVISIONS
EASTERN DIVISION
6662 Marbut Road
Lithonia, GA 30059-5234
Tel. 888.878.9826

MIDWEST DIVISION
1549 Hwy 2
Two Harbors, MN 55616
Tel. 218.834.3922

PERFORMANCE COATINGS
990 Owen Loop North
PO Box 2280
Eugene, OR 97402
Tel 541.484.9621
www.polyquik.com
www.wvcorailroad.com

PRECISION TECHNOLOGIES DIVISION
675 McKinley Street
Eugene, OR 97402
Tel 541.484.2368
www.pre-tec.com

SUBSIDIARIES
ECLECTIC PRODUCTS INC.
Corporate Office
990 Owen Loop North
Eugene, OR 97402
Tel 541.284.4667
www.eclecticproducts.com

IDAHO MILL & GRAIN
445 North 430 West Hwy
PO Box188
Malad City, Idaho 83252
Tel 208.766.2206

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