U-1100 Synthetic Patch

Two-Component Polyurethane Wood Filler

DESCRIPTION
U-1100 Synthetic Patch is a two-component urethane system that has found extensive uses in upgrading plywood panels; filling voids in laminated beams, mouldings, door blanks and other wood products. It works well under medium density overlay. U-1100 is designed so the set time can be adjusted to suit the customer’s needs.

WHERE TO USE
• Plywood Panels
• Laminated Beams, Mouldings, Door Blanks
• Industrial Mill Environments

FEATURES AND BENEFITS
• APA Approved
• Metering Reduces Waste
• Zero VOC

PACKAGING
5 gallon 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. 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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<tbody>
<tr>
<td>Density – lbs / gallon</td>
<td>12.9 +/-0.4</td>
<td>10.3</td>
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<tr>
<td>Viscosity, cps, ASTM D 4878</td>
<td>2500 +/-400</td>
<td>200</td>
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<tr>
<td>Mix Ratio – Part A:B by volume</td>
<td>10:1</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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APPLICATION
U-1100 Synthetic Patch 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 with moisture content no greater than 8-12%. U-1100 is ready for sanding 1 hour after application. For more information regarding application, please contact your Willamette Valley Company representative.

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 any hazardous materials is reduced. Also, being contained reduces the polyurethanes exposure to moisture, enhancing the quality of the polyurethane system.

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 B-Side (iso-side) contains methylene diphenyl diisocyanate (MDI). It has extremely low vapor pressure, and therefore is very unlikely to become airborne.
DISCLAIMER OF WARRANTY

Test results are to be considered as representative of current production and should not be treated as specifications. While all the information presented in this document is believed to be reliable and to represent the best available data on these products, no guarantee, warranty, or representation is made, intended, or implied as to the correctness or sufficiency of any information, or as to the suitability of any chemical compounds for any particular use, or that any chemical compounds or use thereof are not subject to a claim by a third party for infringement of any patent or other intellectual property right. Each user should conduct a sufficient investigation to establish the suitability of any product for its intended use.

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

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

CONTACT INFORMATION

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

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