U-100 MBPF 4:1

Two-Component Polyurethane Wood Filler

DESCRIPTION
U-100 MBPF 4:1 synthetic patch is a two-component polyurethane wood filler. It works well in applications that require a long lasting, smooth wood like finish such as moulding, furniture grade plywood, door blanks, and any application where a smooth and hard surface is required. In contrast to the 6:1 MBPF product the 4:1 MBPF product reaches a much higher final hardness. It is designed with microscopic spheres to allow stain acceptance, machining, and easier sanding. U-100 MBPF 4:1 is specifically formulated to minimize product shrinkage on cure and maintains a smooth wood like finish.

WHERE TO USE
- Moulding, Laminated Beams, Door Blanks
- Furniture Grade Milled Lumber
- Plywood Panels

FEATURES AND BENEFITS
- Passes APA testing – quality assurance
- 4:1 Ratio – greater hardness of patch
- Micro-Spheres – stainable, easier to sand and plane
- Specifically formulated to minimize shrinkage
- Smooth wood like finish – paintable
- Fully REACH Compliant – phthalate-free

PACKAGING
- 5-gallon pails
- Drums: 55-gallons
- Totes: 330-gallons

SHELF LIFE
- 6 months from date of manufacture when properly stored. May require mixing after prolonged storage.

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>
</tr>
</thead>
<tbody>
<tr>
<td>Density – lbs. / gallon (Kg / L)</td>
<td>9.2 (1.1)</td>
<td>10.3 (1.24)</td>
</tr>
<tr>
<td>Viscosity, cps, ASTM D 4878</td>
<td>4500 +/- 500</td>
<td>200</td>
</tr>
<tr>
<td>Mix Ratio – Part A:B by volume</td>
<td>4:1</td>
<td></td>
</tr>
<tr>
<td>Set Time in seconds at 77°F (25°C) at 70 mils (+/- 30 seconds depending on temperature)</td>
<td>Available in a variety of set times.</td>
<td></td>
</tr>
<tr>
<td>Color</td>
<td>Available in a variety of colors</td>
<td></td>
</tr>
<tr>
<td>Hardness (Shore D scale)</td>
<td>55</td>
<td></td>
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</tbody>
</table>

APPLICATION

Willamette Valley Company metering equipment is highly recommended for the application of U-100 MBPF 4:1. The metering equipment is specifically engineered for controlling the mix ratio, temperature, viscosity, and set time for U-100 MBPF 4:1. Contact your Willamette Valley Company representative for information about metering equipment.

ADVANTAGES

Under proper surface preparation and mixing conditions, U-100 MBPF 4:1 passes American Plywood Association tests for routed defects of up to 2.25” (5.7 cm) in diameter.

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.