E-901 Fast Epoxy

Fast-set two-component epoxy used to fill small wood defects

DESCRIPTION
E-901 Fast is a rapid set epoxy resin, 100% solids and zero VOC, used for repairing defects in wood. This product is specifically designed to set up fast in small voids so that the repair can be sanded quickly. It can be used for numerous types of wood repair such as upgrading dimensional lumber and plywood, filling defects in laminated beams and fixing imperfections in molding and siding. In addition, E-901 is an essential tool for building and restoring furniture. E-901 combines rapid cure qualities with superior performance. It is free of the irritating odors of mercaptan and polyester. The mix ratio is one to one by volume. E-901 will not crack or shrink after application.

WHERE TO USE
- Furniture Manufacturing
- Dimensional Lumber
- Laminated Beams
- Fir and Cedar Siding
- Unrouted and Routed Defects on Plywood
- Flooring, Molding

FEATURES AND BENEFITS
- Can be Sanded, Stained, Painted
- Zero VOC – 100% Solids
- Fast Set - repairs can be sanded quickly
- Can be Applied in Hot or Cold Temperature Wood
- Outstanding Adhesion to Wood
- Great Crack, Shrink & Moisture Resistant

PACKAGING
1-gallon pails (3.86 L)
5-gallon pails (18.9L)
55-gallon drums (208.2 L)

SHELF LIFE
12 months 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</th>
<th>Part B</th>
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<tbody>
<tr>
<td>Solids</td>
<td>100%</td>
<td></td>
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<tr>
<td>Density – lb/gal (Kg/L)</td>
<td>5.5 +/- 0.5 (0.66)</td>
<td>11 +/- 0.5 (1.32)</td>
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<tr>
<td>Consistency</td>
<td>Creamy Paste</td>
<td></td>
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<tr>
<td>Viscosity - centipoise</td>
<td>23,000</td>
<td>40,000</td>
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<tr>
<td>Pot Life – at 77°F(25°C) in 100 % (½ cup) (varies with quantity and temperature)</td>
<td>60 seconds</td>
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<tr>
<td>Color</td>
<td>Fir</td>
<td></td>
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<tr>
<td>Hardness – Shore “D” (on fully cured material)</td>
<td>65</td>
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APPLICATION
Due to the fast pot life it is recommended to apply E-901 with Willamette Valley Company’s metering system. For information on metering systems please contact your Willamette Valley Company representative.
CURE TIME

Remember that epoxy is exothermic when curing, so the larger the mass the faster it will cure. Avoid filling larger voids in one pour as it may become extremely hot as it cures. Allow epoxy to cure for 15-25 minutes before sanding. Epoxy will fully cure within 24 hours.

ADDITIONAL FEATURES AND BENEFITS

The E-901 Epoxy can be used to repair numerous types of wood products such as:

- Upgrading dimensional lumber and plywood
- Filling Defects in Laminated Beams
- Correcting imperfections in fir and cedar siding
- Repairing unrouterd plywood defects up to 1.5" (3.81 cm)
- Repairing routed plywood defects up to 2.25" (5.72 cm)
- Fixing Defects in Molding and Furniture

In addition, E-901 has been formulated with specific thixotropic agents which allow it to be easily mixed and applied on hot or cold temperature wood.

NOTES

As it is true with most epoxies, prolonged exposure to direct sunlight will cause the cured epoxy to yellow and degrade over time. Avoid applications of E-901 Epoxy in areas where direct exposure to sunlight is expected.

HEALTH AND SAFETY

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

CLEAN-UP

Use soap and water before the material solidifies,

CONTACT INFORMATION

Please see the side bar on the front page for the Division nearest to your location,