



TECHNICAL DATA SHEET

2400 Boston Street | Suite 200 | Baltimore, MD | 21224

DAP® PLASTIC WOOD™ Rot Repair Kit

PRODUCT DESCRIPTION

DAP® PLASTIC WOOD™ Wood Rot Repair Kit is designed to address and repair wood rot damage on a variety of wood surfaces. This comprehensive kit includes Plastic Wood™ Hardener and Plastic Wood™ Epoxy Filler to repair and restore wood that has been affected by wood rot. The fast-drying wood hardener formulation is ideal for reinforcing soft wood fibers to provide a strong base for the epoxy filler to adhere. The heavy-duty epoxy filler is a sag-resistant formulation that can be applied to wet or damp wood and exhibits easy shape-ability and high strength.



PACKAGING	COLOR	UPC
8.6oz	Natural	7079821005
16oz	Clear	7079821000

KEY FEATURES & BENEFITS

Wood Hardener

- Seal & Reinforce Soft Wood Fibers
- Strong Adhesion to Common Wood Types
- Water Resistant
- Ready to Use, No Shaking Required
- Low Odor
- Interior/Exterior



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Epoxy Filler

- **Shrink & Crack Resistant**
- **Moldable, Shapeable, Paintable & Can Be Built Up**
- **Strong Adhesion to Common Wood Types**
- **Can Be Machine Sanded, Planed, Cut, Drilled, Screwed & Nailed**
- **Easy Application**
- **Interior/Exterior**

SUGGESTED USES

Ideal for repairing rotted wood surfaces, fixing cracks and splits in wood, as well as stabilizing loose wood joints. Non-structural use only.

APPLICATION

Surface Preparation

Surface must be clean, dry, structurally sound, and free of all foreign material. For optimal adhesion, roughen surface prior to application.

Product Application

1. Remove all loose material with either a utility knife or chisel to ensure that the area is clean and free of debris.
2. Apply DAP® PLASTIC WOOD™ Hardener to the affected area with a paintbrush. Brush the hardener into the wood in the direction of the grain.
3. Allow the hardener 2-4 hours to dry depending on temperature and humidity.
4. Remove the cap from the DAP® PLASTIC WOOD™ Epoxy Filler cartridge and screw the self-mixing nozzle onto it. Place the cartridge into a standard caulking gun. Squeeze the trigger to dispense the epoxy on a piece of scrap material until you get a nice uniform natural color before applying into the affected area.
5. Once the epoxy has a uniform natural color, apply to the affected area and use a putty knife to spread the epoxy evenly and shape it to match the original contour of the wood.
6. Allow the epoxy to cure fully. The epoxy has a working time of 20 minutes and is fully cured after 24 hours.
7. Once the epoxy is fully cured, use a mechanical sander to smooth the surface. Sand until the repair is flush with the surrounding wood and has a uniform appearance.
8. If the repair is in a visible area, you may wish to paint the area to match the rest of the surface. Ensure the epoxy is fully cured and sanded before painting.

Color & Ratio

Epoxy Wood Filler: Part A (Resin): white, Part B (Hardener): tan, Mixed: tan, Mix Ratio 1:1

Wood Hardener: Clear



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TYPICAL PHYSICAL & CHEMICAL PROPERTIES

	Plastic Wood™ Epoxy Filler
Typical Uncured Physical Properties (Mixed)	
Appearance/Consistency	Part A (Resin): White; Part B (Hardener): Tan (Natural); Mixed: Tan (Natural), lightweight paste/creamy
Base Polymer	Epoxy and hardener
Volatile	17 g/l mixed
Odor	Low
Clean Up	Mineral spirits
Freeze Thaw Stability (ASTM C1183)	Passed 5 cycles.
Shelf Life	24 months (unopened/cool & dry conditions)
Application Temperature Range	40°F to 110 °F
Gel Time at 40°F	65 minutes
Gel Time at 75°F	26 minutes
Tack Free Time	3 hours
Cure Time	24 hours
Return to Service Time	24 hours depending on the size of repair
Service Temperature Range	-30°F to 130°F

	Plastic Wood™ Hardener
Typical Uncured Physical Properties (Mixed)	
Consistency	Viscous liquid
Vehicle	Latex polymer
Volatile	Water
Solids	37.0% by weight
Odor	Mild
Drying Time	2 to 4 hours depending on temperature, humidity, and application thickness.
Application Temperature	Above 40°F & Below 105°F



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Shelf Life	12 months
Freeze Thaw Stability (ASTM D2243)	Passed 5 cycles

CLEAN UP & STORAGE

Clean up excess wet wood hardener from surface and tools with soap and water before it skins over. Dried wood hardener must be cut or scraped away. Clean up excess uncured wood filler from surface and tools with a mineral spirits. Cured wood filler must be sanded or scraped away. Reseal packaging tightly after each use. Store in a cool, dry place away from extreme heat or cold. Wood Hardener cleans up with soap and water.

SAFETY

See product label and Safety Data Sheet (SDS) for health and safety information. You can request an SDS by visiting our website at dap.com or by calling **888-DAP-TIPS**.

LIMITED WARRANTY

If product fails to perform when used as directed, call 888-DAP-TIPS within one year of date of purchase with your sales receipt and product container available for replacement product or sales price refund. DAP Global Inc. will not be responsible for incidental or consequential damages.

COMPANY IDENTIFICATION

Manufacturer: DAP Global Inc., 2400 Boston Street, Suite 200, Baltimore, Maryland 21224

Usage Information: Call **888-DAP-TIPS** or visit dap.com & click on "Ask the Expert"

Order Information: 800-327-3339 or orders@dap.com

Fax Number: 410-558-1068

Also, visit the DAP website at dap.com