



TECHNICAL DATA SHEET



WOOD REPAIR EPOXY PUTTY PART NO: 16802

DESCRIPTION

DynaGrip® DYNASTEEL WOOD REPAIR EPOXY is a hand-mixable, fast-setting epoxy putty specially formulated to repair and rebuild wood quickly and easily. After mixing, it forms a polymer compound that cures to the same density as wood. Each handy stick contains pre-measured portions of base and activator throughout — no measuring or mixing tools are necessary. Just cut, mix, and apply. The consistency (like modeling clay) eliminates drips and runs, facilitates adhesion to the substrate, and allows the material to be shaped and formed as needed before curing begins.

TYPICAL APPLICATIONS

Use **DynaGrip® DYNASTEEL WOOD REPAIR EPOXY** to fill nail and screw holes; rebuild gouges and scratches to original contour; repair rotten and worn wood; fill carpenter bee damage; reshape knobs and handles; level chair and table legs; repair moldings, panel frames, and furniture; sculpt missing detail to restore picture frames and antiques; and much more.

FEATURES

- Suitable for interior and exterior use.
- Contains no solvents or VOCs.
- Won't shrink or pull away.
- Non-flammable; releases no noxious fumes.

APPLICATION LIMITATIONS

- Does not adhere to polyethylene, polypropylene, or PTFE.
- Not intended for use in structural applications.



DIRECTIONS

Wear impervious gloves when mixing or handling uncured DYNASTEEL WOOD. Use damp fingers for easier mixing, application and a smooth appearance. For best results, sand to roughen surface and wipe away dirt or loose particles. DYNASTEEL WOOD does not adhere to painted surfaces. All paint residue must be removed.

1. Cut off amount needed for repair.
2. Knead product to one uniform colour (no flecks) and warm to the touch.
3. Apply to surface to be repaired within 10 minutes of mixing and shape with finger or tool. Force into any cracks or holes and remove any excess material.

DYNASTEEL WOOD IS NOT INTENDED FOR STRUCTURAL APPLICATIONS.

CURING: DYNASTEEL WOOD has a 15 to 25 minute work life. Functional cure occurs in 60 minutes. After 60 minutes the application can be drilled, sawed, filed, machined, tapped and painted.

PERFORMANCE DATA*

<u>Properties</u>	<u>Results</u>
Work life	15 to 25 minutes
Shelf Stability 24°C (75°F)	2 years
Shore D hardness at full cure (24 hrs)	70
Lap shear tensile strength	
On steel (0.5" x 1.0")	1572 psi (10.8 MPa)
Compressive strength	6300 psi (43 MPa)
Shrinkage	<1%
Temperature limits	
Continuous	up to 149°C (up to 300°F)
Chemical resistance	Resistant to hydrocarbons, ketones, esters, alcohols, halocarbons, aqueous salt solutions, and dilute acids and bases
Dielectric strength	393 volts/mil

* Typical properties are for information only, not for purposes of specification. The data above represents product performance in ideal laboratory conditions. Individual users' experience may vary depending on application conditions.

COLOUR

DynaGrip[®] DYNASTEEL WOOD REPAIR EPOXY resembles pale-toned, unfinished wood. It accepts stain differently from wood. Some types of pigments and colourants may be added during the mixing step. Always test for colour acceptance, colour match, and hardening before application.

PACKAGING

Packaged in a reusable clear plastic tube with a plastic friction top.

SHELF LIFE

Two years minimum from date of shipment when stored in original, unopened container in a dry area at temperatures below 24°C (75°F).

HEALTH PRECAUTIONS

- Contains Epoxy Resin. Epoxies are skin/eye irritants and known sensitizers. Direct product contact may cause an allergic reaction in some individuals. Avoid skin/eye contact. Wear impermeable gloves when mixing or handling uncured product.
- Inhalation of dust may be harmful. Avoid inhalation of dust. Wear dust mask and protective eyewear when sanding cured product.
- Ingestion of product may be harmful. Avoid ingestion.
- Turn off power when doing electrical repairs.
- **KEEP OUT OF THE REACH OF CHILDREN.**

For additional health and safety information, consult MSDS.

DynaGrip[®]

QUALITY PRODUCTS

GENERAL INFORMATION

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitable use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made.

It is the user's responsibility to thoroughly test any proposed use of our products and independently conclude satisfactory performance in the application.

Likewise, if the application, product specifications or manner in which our products are used require government approval or clearance, it is the sole responsibility of the user to obtain sure authorization.

The supplier warrants only that its products will meet its specifications. There is no use, nor any other express or implied warranty. The user's exclusive remedy and the supplier's sole liability is limited to refund of the purchase price or replacement of any product when to be otherwise than as warranted. The supplier will not be liable for incidental or consequential damages of any kind.

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