



TECHNICAL DATA SHEET



GENERAL REPAIR EPOXY PUTTY PART NO: 16202

DESCRIPTION

DynaGrip[®] DYNASTEEL GENERAL REPAIR EPOXY is a hand-mixable, fast-setting epoxy putty for quick, permanent repairs to glass, ceramics, metals, concrete, wood, and numerous plastics. After mixing it forms an industrial-strength polymer compound for numerous repairs around the home or workshop. Each handy stick contains pre-measured portions of activator and base throughout — no measuring or mixing tools are necessary. Just cut, mix, and apply. The consistency (like modeling clay) eliminates drips and runs, molds easily, facilitates adhesion to the substrate, and allows the material to be shaped and formed as needed before curing begins.

TYPICAL APPLICATIONS

Use **DynaGrip**[®] DYNASTEEL GENERAL REPAIR EPOXY to repair and replace broken or loose wall and floor tile; to anchor bolts, rods, screws, machines and housings; to adhere cove moldings and smoke detectors; for electrical use in place of tape, ceramic, or plastic connectors; and to fabricate small parts, handles, knobs, and missing detail. Use it for auto repairs such as bonding trim, repairing small dents, filling rust holes, sealing leaks in oil pans, and as a thread lock. DYNASTEEL GENERAL REPAIR EPOXY seals leaks in downspouts and gutters; mends toys; fills cracks in refrigerator interiors; rebuilds worn lawn mowers, sports equipment, and missing bumpers on luggage; seals air conditioning coils and ducts; patches chipped concrete, floors, bricks, and blocks; and attaches fixtures, machine tags, and

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 GENERAL. 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 GENERAL 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 firmly within 2 minutes of mixing and shape with finger tool. Force into any cracks or holes and remove any excess material. When applying to a damp, wet or slowly leaking area, work the mixed material forcefully into the surface and apply pressure until adhesion begins to take effect.

DYNASTEEL GENERAL IS NOT INTENDED FOR STRUCTURAL APPLICATIONS.

CURING: DYNASTEEL GENERAL has a 3 to 5 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*

Properties	Results
Work life	3 to 5 minutes
Shelf Stability 24°C (75°F)	2 years
Shore D hardness at full cure (24 hrs)	82
Lap shear tensile strength On steel (0.5" x 1.0")	900 psi (6.2 MPa)
Compressive strength	8760 psi (60 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	207 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

Off- white colour.

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.



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.

Suggestions of uses should not be taken as inducements to infringe any patents.



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