



## ALUMINIUM REPAIR EPOXY PUTTY PART NO: 16902

### DESCRIPTION

**DynaGrip® DYNASTEEL ALUMINIUM REPAIR EPOXY** is a hand-mixable, fast-setting, aluminium-reinforced, non-rusting epoxy putty that quickly repairs or rebuilds anything made of aluminium. After mixing, it forms an industrial-strength polymer compound that can be molded into shapes or used to build up, repair, and patch items made of aluminium. **DYNASTEEL ALUMINIUM REPAIR EPOXY** bonds tenaciously to metals and cures tough and hard. It can be tapped and machined like metal. Each handy stick contains pre-measured portions of activator and base throughout — just cut, mix, and apply. No measuring or mixing tools are necessary. The consistency (like modeling clay) eliminates drips and runs, molds easily, and facilitates adhesion to the substrate.



### TYPICAL APPLICATIONS

**DynaGrip® DYNASTEEL ALUMINIUM REPAIR EPOXY** can be used as an adhesive/ sealant in industrial and home maintenance applications. Use it rebuild machine parts and castings; mend wheels, radiators and worn air conditioner cases; repair leaking pipes and tanks; seal leaks, cracks, and holes in aluminium siding, storm windows, and storm doors; repair leaks in aluminium boats; seal joints in aluminium rain gutters; and fill dents and dings in recreational vehicles.

### 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 ALUMINIUM. 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 ALUMINIUM 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. 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 ALUMINIUM IS NOT INTENDED FOR STRUCTURAL APPLICATIONS.

CURING: DYNASTEEL ALUMINIUM has a 4 to 7 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	4 to 7 minutes
Shelf Stability 24°C (75°F)	2 years
Shore D hardness at full cure (24 hrs)	79
Lap shear tensile strength On steel (0.5" x 1.0")	900 psi (6.2 MPa)
Compressive strength	7100 psi (48 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	274 volts/mil

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

## COLOUR

Light-grey metallic.

## 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 suitability of 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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