

PRODUCT SPECIFICATION REPORT

A+B EPOXY PUTTY



Ideal for any size job... whether it's the smallest crack or the largest hole. A+B's Epoxy Putty bonds, seals, fills, anchors, caulks and waterproofs.

"Unbelievable" , that's what restorers say when they see a demonstration of this incredible epoxy putty products. It's so strong you can drill and tap it, yet gentle enough that you can apply it with your bare fingers. And since it is WATER-BASED, you can simply wet your fingers, and work it until it is almost perfectly smooth before it dries---eliminating most sanding! But when it cures, it's ROCK-HARD, making it perfect for repairing steel, plastics, concrete, etc. Amazingly, it even sticks to damp surfaces, and will cure UNDERWATER, so it can be used to fix leaking basement walls, swimming pools, plumbing fixtures. Put some EPOXY PUTTY in your toolbox today. You'll find yourself using it all over your shop and home.

APPLICATIONS:

- * Steering Wheels
- * Plastic parts/knobs
- * Fill rust pits, holes
- * Repair Woodwork
- * Doors, hinges, latches
- * Repair tool handles
- * Patch concrete

FEATURES:

- * Mixes like clay
- * Hardens like steel
- * Cures in water
- * Great insulator
- * Easy to use

ADVANTAGES:

- * No measuring or weighing
- * Stays in place, doesn't slump or sag
- * Malleable consistency, fill in anywhere
- * Can be sanded, drilled, machined, sawed & painted
- * Smooth and Feather with wet fingertip

ADDITIONAL INFORMATION:

You'll find dozens of uses for this epoxy putty in your laboratory or plant where no other material will work . . . Stays where it's put - doesn't slump or run . . . Make & fix parts, tools, forms, models & molds . . . Cure time can be shortened by applying heat . . . Cures in a microwave oven in minutes . . . Can be molded into or around any shape of any material . . . Replicates finest details . . . Smooth into place or to a feather edge with your wet fingers . . . Can be rolled into a sheet like cookie dough & drape-formed over objects or into molds . . . Can even be "thrown" on a potter's wheel to make vessels . . . Absolutely no odor . . . Sands to a super smooth finish . . . Accepts all finishes . . . Inexpensive . . . Impervious to practically all solvents, acids & bases . . . no measuring, no weighing, no waste – cut what you need . . . Unmixed shelf life is well into years . . . The mixed system can be stored in a freezer & kept for weeks without curing . . . Water cleanup before hardening --- in stock and available for immediate delivery.

SPECIFICATIONS:

Tensile Strength: 4,000 psi
Compressive Strength: 12,000 psi
Bond Strength: 375 psi (ASTMD 1002)
Dielectric Strength: 300 Volts/mil (ASTMD 49)
Coefficient of Expansion: 4×10^{-5} to the minus 5th power in/in $^{\circ}$ F
Maximum Use Temperature: 350 $^{\circ}$ F (continuous)
Hardening Time: 60 Minutes at 75 $^{\circ}$ F (doubles for every reduction of 5 $^{\circ}$ F)
Color: Light gray
Specific Gravity: 1.95
Resistivity: 2×10^{10} to the 10th power ohm cm at room temp.
High Vacuum Leak Rate: $< 3 \times 10^{-8}$ to the minus 8th power atm. cc/sec. (2sq. in. surface area evacuated bulb immersed directly in liquid Helium)
Thermal Conductivity: Roughly comparable to Nylon at 2–4 $^{\circ}$ K