



TECHNICAL DATA SHEET



DYNASTEEL EPOXY PUTTY PART NO. 16002, 6002

FAST DRYING: DYNASTEEL firmly sets in 15 minutes, and is completely cured and ready to drill, sand, tap, prime, machine and paint in one hour (*longer in colder conditions*).

STRONG: There are two ways strength is measured. One is on the horizontal plan – this is called "shear strength" and the other is on the vertical plane and this is called "tensile strength."

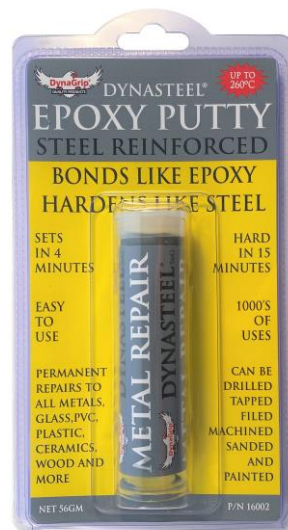
SHEAR STRENGTH – When cured (*one-hour drying time*) DYNASTEEL has a shear strength of 740 pounds per square inch. This means that when two pieces of material are bonded together with a one-inch bond of DYNASTEEL, it would take a pressure greater than 740 pounds to break the bond. For comparison, pine timber has a 'shear strength' of 400 pounds per square inch. DYNASTEEL is almost twice as strong as pine timber.

TENSILE STRENGTH – DYNASTEEL has a tensile strength of 6,200 pounds per square inch.

HARD: DYNASTEEL is one of the hardest materials next to steel. Technically it is rated at D-87. "D" is the highest hardness rating in the Shore rating system. DYNASTEEL can be compared to ABS plastic (*material used to manufacturer automobiles*) or the fibre epoxy wings on the B2 bomber. When cured, DYNASTEEL can be machined in any way that steel or aluminium can be machined, drilled, tapped, milled, sanded, sawed, routed, primed, and painted. Anything you can do to metal or wood – you can do to DYNASTEEL

SEALS LEAKS UNDER WATER OR IN FLUIDS: DYNASTEEL cures underwater and in all atmospheric conditions. Leaks can be sealed inside a container, tank, etc. with liquids still in the item to be sealed. Curing time is longer when used under water.

SEALS LEAKS WHILE LEAK IS OCCURRING: If a petrol or diesel tank, oil pan, or any container has a rupture, DYNASTEEL will seal the leak while the drainage is occurring. No need to empty container prior to repair.



IMPERVIOUS TO CHEMICALS: DYNASTEEL is impervious to most chemicals including battery acids.

STEEL REINFORCED: DYNASTEEL has the maximum holding power because it is steel reinforced, and manufactured using the highest grades of epoxy.

WITHSTANDS TEMPERATURES OF 260 DEGREES CELSIUS OR MORE: DYNASTEEL maintains its qualities when exposed to temperatures in excess of 260 degrees Celsius. (+500oF)

LONG STORAGE LIFE: DYNASTEEL has a minimum storage life of three years. This provides the user long storage life. DYNASTEEL'S proprietary formula is the only brand that remains pliable before use. This insures easy mixing even after long periods of storage. **DOES NOT CRACK OR FLAKE BEFORE USE.**

IDEAL FOR REPAIR OF: Petrol and diesel fuel tanks, water tanks, swimming pool equipment, exhaust systems, boats, automobiles, trucks, plumbing, farm machinery, home, camping equipment, and hundreds of other applications.

DYNASTEEL has world - wide approval to use with potable water (ANSI/NSF 61). NSF certifies all DYNASTEEL brand epoxy putty products safe for the repair of drinking water pipes, holding tanks and dispensing components.



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.

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