



TECHNICAL DATA SHEET



DYNASTEEL EPOXY PASTE

PART NO. 17002

FAST DRYING: DYNASTEEL PASTE firmly sets in **5 minutes**, and is completely cured and ready to drill, sand, tap, prime, machine and paint in **one hour**. The paste formula permits moulding and also to flow completely into cracks for a complete repair. Cure is slightly longer in cooler 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 PASTE** has shear strength of **680 pounds per square inch**. This means that when two pieces of material are bonded together with a one-inch bond of **DYNASTEEL PASTE**, it would take a pressure greater than **680 pounds** to break the bond.

TENSILE STRENGTH – **DYNASTEEL PASTE** has a tensile strength of **5,700 pounds per square inch**.

HARD: DYNASTEEL PASTE is one of the hardest materials next to steel. Technically it is rated at **D-84**. "D" is the highest hardness rating in the Shore rating system. When cured, **DYNASTEEL PASTE** 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 PASTE**

SEALS LEAKS UNDER WATER OR IN FLUIDS: DYNASTEEL PASTE 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. Cure time is slightly 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 PASTE** will seal the leak while the drainage is occurring. **No need to empty container prior to repair.**

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



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

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

LONG STORAGE LIFE: DYNASTEEL PASTE has a minimum storage life of **three** years. This provides the user long storage life. **DYNASTEEL PASTE** 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 PASTE 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.

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