

3310 mClad™ Metal



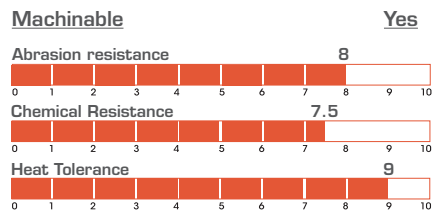
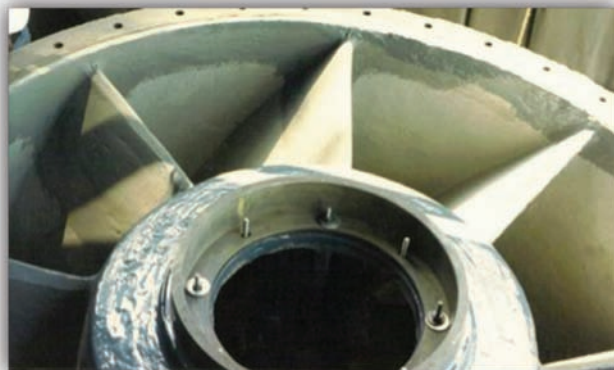
Machinable, Metallic Polymer Paste for Metal Reclamation

MCOR™ 3310 (mClad™ Metal) is an engineering grade, reinforced metal epoxy for repair, rebuilding, and reclaiming of mechanical components, machinery, and equipment. The mClad™ Metal is often utilized as a high strength structural polymer for load bearing correction, metal reclamation, and precision machining.

mClad™ Metal will:

- Provide metal filling and reclamation
- Provide multipurpose cold-weld alternatives
- Allow for precision machining, tooling, and dressing

mClad™ Metal incorporates a paste like resin highly filled with various metals and ceramics, perfect for metal reclaiming and as a cold-weld alternative, with a resilient curing agent to further provide structural strength. The easy-to-apply mixed metal paste can be precision tooled and dressed for a metal repairs to complex components, machinery, and mechanical equipment. It may be drilled, tooled, tapped, filed or machined for repair of equipment and parts that may require precision finishing and dressing. Once cured, the material replaces worn or lost metal and restores metallic profile with high strength bonding and reinforcing as a cold-weld alternative.



mClad™ Metal applications include:

- ▶ Oversized bearing / bush housings
- ▶ Cavitated impellers / propellers
- ▶ Fractured and holed casings / blocks
- ▶ Corrosion cells and tank leaks
- ▶ Sloppy keyways
- ▶ Scored machine beds
- ▶ Flange faces
- ▶ Fractured pipes
- ▶ Pitted and warped valves
- ▶ Other metal filling, repair, and reclamation needs



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3310

mClad™ Metal



MCOR™ 3310 mClad™ Metal is:

VERSATILE

mClad™ Metal is often utilized as a metal filler, reclaiming and “cold weld” polymer, metal/ceramic resurfacer, and as an overall metal patching material. Terrific for heavy machinery, marine equipment, mechanical components, and other metal wear areas.

DURABLE

Boasting very high compressive strength, the extremely dense metal polymer is precisely formulated for industrial use with heavy machinery, mechanical loading, and high flow and abrasive flow and pump applications in order to protect from chemical corrosives and wearing forces.

PRECISION

Incorporating packed metal and ceramics with dense resinous binding, the proprietary material provides windows for precision machining, tooling, and can be dressed ultra-smooth for a uniformed transition profile to metal.

mClad™ Metal features:

- Machinable
- Abrasion, heat, and chemical resistance
- 100% solid
- Convenient 1:1 ratio by volume
- Cold-weld alternative

For more information, please contact your local MCOR™ consultant

ABOUT MCOR

The MCOR™ product line, trademark and brand are managed and manufactured by Epoxytec International, Inc. Epoxytec International, Inc. is a manufacturer of industry specific product lines to combat corrosion by restoring and protecting physical infrastructure worldwide. These product lines are supplied through a portfolio of distinct brands in order to solve corrosion issues of each industry worldwide. For more information regarding both, please visit mcor.net and epoxytec.com respectfully.

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