

3330 mClad™ Ceramic Metal



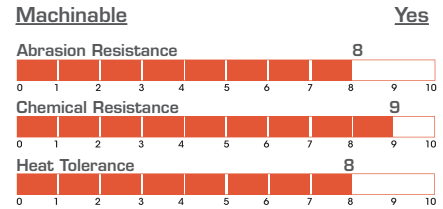
Machinable, Neutral Ceramic Polymer Paste for Metal Reclamation

MCOR™ 3330 (mClad™ Ceramic Metal) is an engineering grade, reinforced ceramic epoxy for repair, rebuilding, and reclaiming of mechanical components, machinery, and equipment. The mClad™ Ceramic Metal is often utilized where eliminating the effects bi-metallic corrosion is paramount for score repairs, metal reclamation, and precision machining.

mClad™ Ceramic Metal will:

- Provide metal filling and reclamation
- Exhibit excellent electrical insulating properties
- Allow for precision machining, tooling, and dressing

mClad™ Ceramic Metal exhibits excellent electrical insulation characteristics with inert, neutral (non-metal) ceramic fillers. Great for all metal surfaces due to its non-interfering fill characteristics. The mClad™ Ceramic Metal provides advanced wear resistance cladding and sealed corrosion protection. 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™ Ceramic Metal applications include:

- ▶ Oversized bearing / bush housings
- ▶ Scored or worn shafts
- ▶ 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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3330

mClad™ Ceramic Metal



mClad™ Ceramic Metal features:

- Machinable
- 100% solid
- Neutral fillers, great electrical insulation
- Minimize cathodic disbondment
- For all metals
- Extended working time
- Convenient 1:1 ratio by volume

For more information, please contact your local MCOR™ consultant

MCOR™ 3330 mClad™ Ceramic Metal is:

VERSATILE

mClad™ Ceramic Metal is often utilized as a metal filler, reclaiming and “cold weld” polymer, ceramic resurfacer, and as an overall metal patching material. With neutral fillers, the material is suited well for all metal types. The 3330 will not create a cathodic relationship with the host metal, and therefore will eliminate any risk of bimetallic interference.

DURABLE

With nearly 90 MPa compressive strength, the highly dense acrylic-modified ceramic polymer is precisely formulated for industrial use with heavy machinery, mechanical loading, abrasive flow applications and more.

PRECISION

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

NEUTRAL

Filled with advanced non-conductive, inert ceramics and organic binding, rather than conductive metal filled polymers, resulting in a cured material with excellent electrical insulation; preventing of cathodic disbondment and other bi-metallic (galvanic corrosion) complications.

ABOUT MCOR

The MCOR™ product line, trademark and brand are managed and manufactured by Epoxytec Intl Inc. Epoxytec Intl 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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