

# 3880

**mClad™  
xWear™ Alumina**



## Aluminum Oxide & Ceramic Filled Epoxy Cladding Slurry Compound

MCOR™ 3880 (mClad™ xWear™ Alumina) is an epoxy slurry compound, comprised of advanced resins with blended ceramics and aluminum oxide. mClad™ xWear™ Alumina has been formulated primarily to protect and repair metal surfaces subject to erosion, corrosion, abrasives, high temperatures and chemical attack.

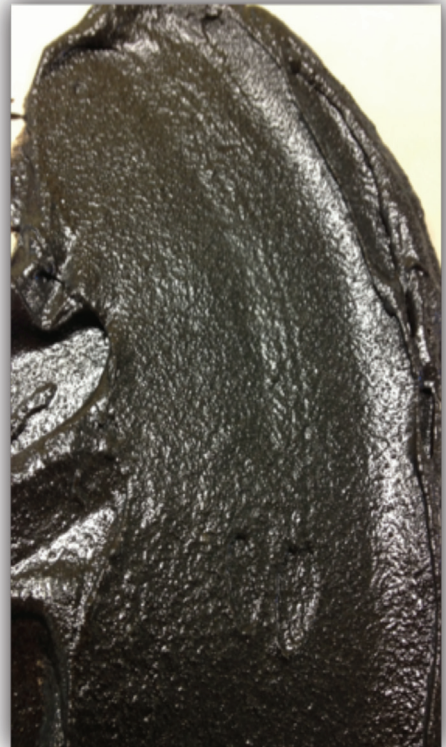
Normally applied high build as a liner or filler for wear areas to reclaim or clad/line surface areas subjected to abrasion and other corrosives

**mClad™ xWear™ Alumina** will:

- Provide metal filling and reclamation
- Provide a clad-grade liner for metal and concrete
- Allow for multi-application repairs

mClad™ xWear™ Alumina reclaims where metal loss occurs and is often considered as an alternative to more conventional and costly weld overlays or sacrificial steel installed plates.

Machinable	No
Abrasion resistance	8
1 2 3 4 5 6 7 8 9 10	
Chemical Resistance	8
1 2 3 4 5 6 7 8 9 10	
Heat Tolerance	7.5
1 2 3 4 5 6 7 8 9 10	



### **mClad™ xWear™ Alumina**

applications include:

- Aggregate flow, transport
- Heavy equipment wear areas
- High impact zones
- Slurry and flow areas
- Chutes and troughs
- Industrial corrosion and abrasion



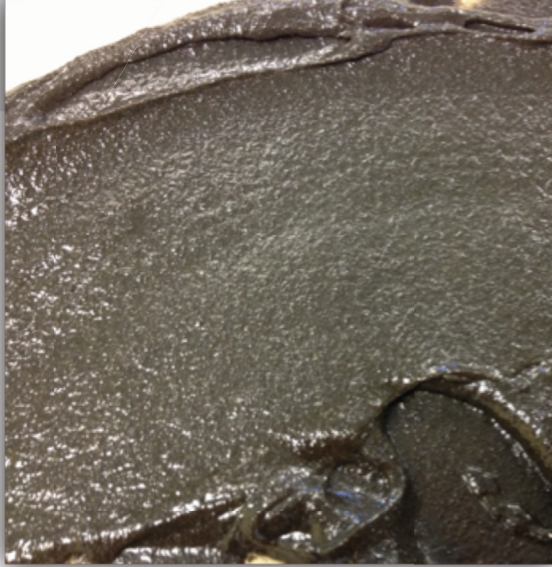
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## **mClad™ xWear™ Alumina features:**

- “Green” - 100% solids, no VOCs
- Excellent bearing for even distribution of loads
- Resistant to thermal and mechanical shock
- Excellent wear and abrasion resistance
- Good chemical, corrosion, impact resistance
- Formulated resilience
- Pre-proportioned units
- Excellent adhesion
- Surface & moisture tolerance
- Restoring compound and/or liner
- Ultra high build

For more information, please contact your local MCOR™ consultant

## **MCOR™ 3880 mClad™ xWear™ Alumina is:**

### **VERSATILE**

mClad™ xWear™ Alumina is often utilized as a metal filler, reclaiming and cladding polymer. A blended ceramic-alumina compound for all metals and other substrates susceptible to abrasion and wear, in need of repair, and requiring corrosion resistance or lining.

### **DURABLE**

The mClad™ xWear™ Alumina exhibits ultra-high compressive and flexural strength, combined with advanced aluminum oxide and ceramics, the highly dense cross-linked polymer can withstand high abrasion and chemical exposures often found in industry

### **CONVENIENT**

The mClad™ xWear™ Alumina is formulated to provide routine maintenance and repair solutions to wearing areas as a proactive and reactive solution. Often sought as an alternative to sacrificial steel liners, the polymer can be applied over time to reclaim in cycles; and has an indefinite recoat window for constant maintaining as a liner or repair rather than the replacing the original structure.

### **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](http://mcor.net) and [epoxytec.com](http://epoxytec.com) respectfully.

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