

*Revolutionary products . . .*  
*. . . for rebuilding, resurfacing and protecting all types of fluid flow machinery, equipment and structures.*

**METALCLAD**  
**CeramAlloy™ CBX**

Extraordinary Abrasion Resistance  
 Trowelable  
 Requires No Heat  
 Unlimited Shelf Life  
 100% Solids  
 Safe & Simple To Use

METALCLAD CeramAlloy™ CBX is the best material to use to protect equipment subject to very aggressive abrasive environments.

**Repair & protect all types of equipment subject to very aggressive abrasion.**  
 Engineered to repair deeply damaged components.


**Before**



**Priming**



**Applying CeramAlloy™ CBX**



METALCLAD CeramAlloy™ CBX is a two component, 100% solids, polymer composite specifically formulated to provide effective repair and rebuilding characteristics on all types of equipment subject to severe abrasion.

METALCLAD CeramAlloy™ CBX is a paste when mixed, so it is easily applied.

**Elbows, Pipes, Pumps, Chutes, Deflector Plates, Cyclones, Separators, Vibratory Feeders, Transfer Augers, etc.**

**ENECON Corporation**  
 The Fluid Flow Systems Specialists.

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## CeramAlloy CBX Outperforms Chromium Hard Facing At This Rock Crushing Mill In Texas

At this large rock crushing mill operation in Houston, Texas - the LARGEST producer of barium sulfate products in the world - 1.5 inch (37mm) barium ore is crushed into 0.0002 inch (5 microns) powder. As one might imagine, the abrasive wear on the mill components is very severe.

rock before it wears out and needs to be re-done.

Although skeptical, the plant engineers decided to try the CBX on one of the mill's plow bodies. This component is used to 'hurl' the rocks up to the crushing journals. After over 23,000 tons (46 MILLION lbs.) of rock, the CeramAlloy CBX was "still in great shape" according to the very surprised but also very pleased engineers at the plant.

The plant engineers were looking for a more cost effective as well as longer term solution to chromium hard face welding to protect the crusher components on their 66 inch Raymond Mill. They turned to ENECON's Sales Director for the Gulf Coast Region for help. He suggested that they try **CeramAlloy CBX** to see if it would last longer than the chromium hard facing. The welding process is very expensive and time consuming and has a life expectancy of only about 10,000 tons of

The mill has now purchased additional CBX to protect the other plow bodies as well as various other components and they are very interested to see just how long the CeramAlloy CBX will ultimately last.



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