

Ceramite® Coal Pulverizer Abrasion Repairs

Superior Performance in Wear Resistant Applications

Bulletin 0174

Power Generation & Rock Products Industries

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Ceramite® is a family of advanced ceramics that incorporate inorganic composite materials & densely packed micro particles. Ceramite® is formulated to yield high abrasive wear resistance, excellent mechanical strength, resistance to high temperature and resistance to thermal shock conditions. Designed to replace and outperform refractory special steel, ceramic tile, rubber, basalt and specialized epoxies.

A major coal power plant located in the United States was experiencing problematic wear in their coal pulverizer. Previously lined with ceramic tile and beaded epoxy the maintenance department was performing repairs every three to six months.

Easy to Work and Long Lasting

Maintenance personnel found that Ceramite® was easy to work with. Applying Ceramite® by trowel, localized repairs were performed. It was not necessary to remove any lining that was still intact. Ceramite® was mated to the existing wear material.

Ceramite® Excels

Ceramite® has outperformed every other lining that this customer has tried and is now the product of choice for many of their wear areas in this facility.



Applying Ceramite® over expanded metal mesh.



Finishing Touches

INDUSTRIES SERVED

- | | | | |
|-----------------|--------------------|------------------------|---------------------------|
| ☞ Refining | ☞ Non-Ferrous | ☞ Zinc | ☞ Precast Manufacturing |
| ☞ Rock Products | ☞ Die-Casting | ☞ Boiler Manufacturing | ☞ Mineral Processing |
| ☞ Chemical | ☞ Power Generation | ☞ Primary Aluminum | ☞ O.E.M. Furnace Builders |
| ☞ Steel | ☞ Incineration | ☞ Secondary Aluminum | ☞ Cremation |