

# Ceramite® Scrubber System

Superior Performance in Wear Resistant Applications

Bulletin 0178

All Industries

07/07



**Ceramite®** is a family of advanced ceramics that incorporate inorganic composite materials and 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.

## Significant Advantages

↗ **Ceramite®** is a technology

using high quality blends of bauxite and silicon carbide aggregates.

- ↗ **Ceramite®** provides temperature resistance up to 2700°F (1482°C).
- ↗ **Ceramite®**'s high density provides low porosity against chemical attack and gases.
- ↗ **Ceramite®** exhibits ultra-high wear properties & mechanical strength.

## Case History

A major steel producer was having

severe wear problems in their scrubber system. They previously used 85% alumina plastic ram to patch wear areas. The low operating temperature within the unit did not allow the product to achieve its designed strength. **Ceramite®** Trowellable yields the same strength and abrasion resistance "**Hot or Cold**".

Trials in the Collector Main proved **Ceramite®**'s value by far surpassing the life of the previously used plastic.

## 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               |