

Ceramite® Sinter Windbox Cyclones

Superior Performance in Wear Resistant Applications

Bulletin 0177

All Industries

07/07



- ↪ Ceramite®'s high density provides low porosity against chemical attack and gases
- ↪ Ceramite® exhibits ultra-high wear properties and mechanical strength

Ceramite® Trowellable

Ceramite® Trowellable is installed using V anchors, anchor/mesh combinations or whatever has been used previously. Ceramite® is a water activated formulation that sets in a one hour time period. Water percentage variance allows for a consistency to apply vertically or overhead yielding a higher "on the wall" percentage.

Significant Attributes

- ↪ High abrasion and corrosion resistance
- ↪ Will conform to whatever shape is required
- ↪ ½" to 1¼" thicknesses are sufficient depending on application requirement
- ↪ Linings are true seamless monoliths
- ↪ Ceramite® Trowellable outperforms wear resistant materials including refractory rams, ceramic tile, special steel, rubber, basalt and epoxies - "Hot or Cold"

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.

Ceramite®, in one form, is available in cast, hi-fired shapes that are designed and produced to application specification.

A Ceramite® Trowellable formulation is available for on-site application to replace missing ceramic tile or other worn or missing abrasion resistant materials.

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)

INDUSTRIES SERVED

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|-----------------|--------------------|------------------------|---------------------------|
| ↪ 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 |