

Ceramite® Trowellable

Superior Performance in Wear Resistant Applications

Bulletin 0139

Coal, Aggregate & Mineral Processing Industries

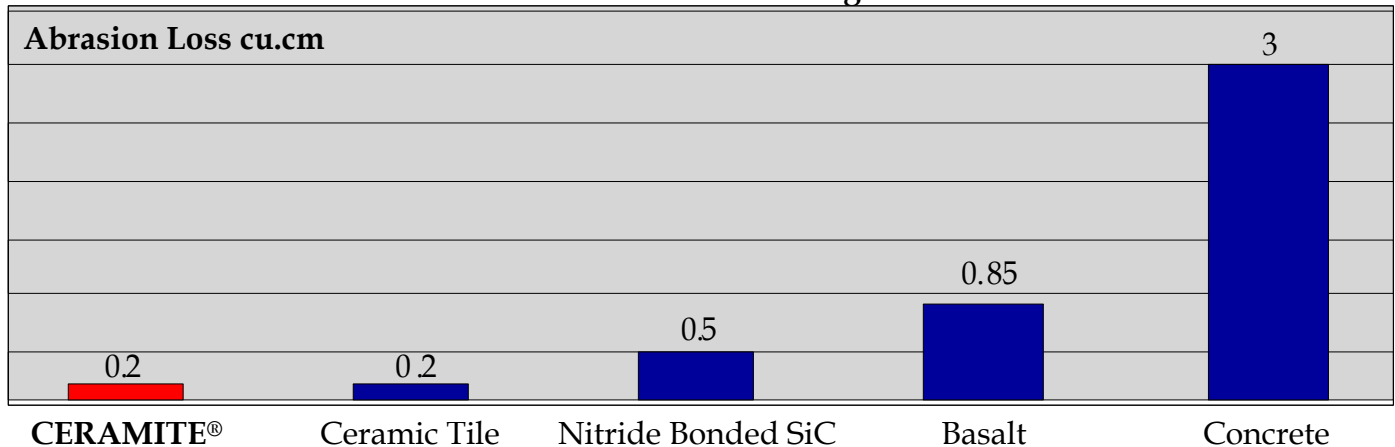
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What Is Ceramite®?

Ceramite® is a group of advanced ceramics incorporating inorganic composite materials and densely packed micro-particles. This system is especially formulated to give superior wear and abrasion resistance in applications at temperatures up to 2200°F (1204°C).

Wear Resistance Comparison

The Bohme Wear Resistance Test* According to DIN Standard 52108



*A 7.1 cm cube sample is pressed with a 300 N force against a grinding wheel that is coated with a fine grade corundum sand. The sample is rotated 22 times (1 campaign) after which it is cleaned and weighed. The grinding machine is cleaned after each campaign and new media is distributed on the grinding wheel. The test requires 18 campaigns. The Bohme Test results are expressed as the volume of material lost from the specimen in cm³ from the surface area exposed to wear.



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Ceramite® Trowellables are ideal for complete or partial repairs to areas where ceramic tile attachments have failed. Some customers have called Ceramite® Trowellable "Ceramic Tile in a Bag".

CERAMITE® BENEFITS:

- ↻ Water based
- ↻ Special chemicals or multi liquids binders not required
- ↻ Wear resistance equal to high alumina tiles
- ↻ Monolithic working surface
- ↻ No joints
- ↻ Perform equally well in temperatures to 1832°F (1000°C)
- ↻ Rapid turnaround
- ↻ Less labour versus high alumina tile installation
- ↻ Permanent repairs where tiles have failed
- ↻ Materials readily available