

Ceramite®

Superior Performance in Wear Resistant Applications

Bulletin 0168

All Industries

04/07

CERAMITE® T - TROWELABLE

Ceramite® T is a family of advanced ceramics that incorporate inorganic composite materials & densely packed micro particles. Ceramite® T is formulated to provide high abrasive wear resistance, excellent mechanical strength, resistance to high temperature and resistance to thermal shock.

Ceramite® T is Elkem's most abrasion resistant trowelable formulation available to date. "T" combines bauxite and silicon carbide grains and demonstrates all the key mixing and application advantages exhibited by previous trowelable formulations. Thickness of 1" - 2" can be applied vertically and ¾" - 1" thickness can be easily installed overhead with a high percentage of "on the wall" yield.



Key Properties

Material Required:	174 lbs/ft ³
Water Addition:	5.4 - 6.5 weight %

Temperature	20°C	500°C	850°C
Cold Compressive Strength (psi) ¹	21756 - 29008		14504 - 17405
Cold Flexural Strength (psi) ²	2176 - 2901		1160 - 1595
Bohme Abrasion Test (mm) ³	0.5	0.5	

All data are average numbers and are not to be considered as specifications.

¹ ASTM C349, the sample is prefired at given temperature.

² ASTM C348, the sample is prefired at given temperature.

³ DIN 52108, the sample is prefired at given temperature.

INDUSTRIES SERVED

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

STELLAR CANADA INC. 



 Whetstone Tech

www.whetstone-ceramics.com