

Ceramite® Troughing

Superior Performance in Wear Resistant Applications

Bulletin 0156

Aluminum Industry

03/06

Ceramite® Qualities for Aluminum Troughing

PRODUCT QUALITY	DESCRIPTION	MAXIMUM SERVICE TEMP.	DENSITY lbs/ft ³	COMPRESSIVE STRENGTH AFTER 7 DAYS AT 68°F	POROSITY %	REFRACTORY CONDITIONS
CERAMITE® CSA	75% SiC Class	2730°F	180	16680 psi	14.0%	Severe Wear & Erosion Main Tapping
CERAMITE® SFR-SB	75% SiO ₂ Class	1830°F	129	13371 psi	10.4%	Low Flow - Metal Transfer Holder to Casting

Ceramite® Pre-Cast Trough segments have proven unequalled in value, performance and ultimate customer satisfaction. Ceramite® qualities CSA and SFR-SB are designed to meet specific aluminum trough conditions. Ceramite® trough segments eliminate severe erosion, ongoing maintenance and short-term life.

Ceramite® Precast Troughs



Distribution Trough

- Long term performance equals ultimate value
- Little or no maintenance required for the life of the trough
- Impervious to molten metal penetration
- Thermal shock resistant
- Superior mechanical strength
- Qualities to meet every trough requirement



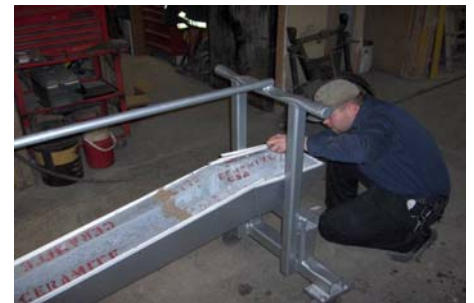
Swing Trough



Tap Trough



Tapping Trough Wear Plates



Mobile Launder



"T" Trough



90° Trough



Tap Trough & Taphole Block