

Ceramite® CSA

Tapping Trough subjected to 176,000,000 lbs. of molten aluminum Results: little or no wear

Superior Performance in Wear Resistant Applications

Bulletin 0138

Aluminum Industries

05/04



BEFORE SERVICE

What is Ceramite®?

Ceramite® is a group of advanced ceramics incorporating inorganic composite materials and densely packed micro-particles especially formulated to give superior performance in applications where resistance is a crucial operating factor. Ceramite® CSA is a silicon carbide based ceramic with outstanding wear resistance, impermeability and molten aluminum resistance.

The Customer:

This is a re-melt facility using round top charge melters.



AFTER SERVICE

This plant primarily processes can stock. The two piece precast launder system is normally replaced 4-6 weeks after installation

Ceramite® CSA Results:

The two piece Ceramite® CSA tapping trough pieces were installed in August 2003 and were removed in January 2004. The customer removed the CSA because the furnace tap block had to be replaced.

These photos tell the story.....

Please contact Whetstone Technology to discuss how we can improve your tapping trough life.

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