

Ceramite® Troughs

Superior Performance in Wear Resistant Applications

Bulletin 0152

Aluminum Industry

08/05

Ceramite® is a family of advanced ceramics that incorporate inorganic composite materials & 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® cast, hi-fired shapes are designed and produced to your specific application. A Ceramite® Trowellable formula is available for on site application to replace missing ceramic tile or other worn-out abrasion resistant materials.

Tap Blocks & Troughing



Arrived at Site



Trough Installation



Ready for Back-Up



4 Months Use



No Wear



7 Months Use

This is a summary of performance of the Ceramite® CSA quality used for tapping blocks and launders.

Previous materials used required maintenance patching within three months of service. The Ceramite® CSA Tapping launders have shown no sign of wear after 7 months of service. It is the practice of this facility to add alloys in the trough during transfer. At the time of this bulletin there is no sign of wear on either the Ceramite® CSA tap block or the Ceramite® CSA tapping launder after over 200,000,000 lbs. of aluminum flow.

Customer Knows Best

"The design change and material change has helped me out tremendously, the troughs and blocks were installed in our December outage and as of today there is no wear, this stuff is **bullet proof**. Believe me, I am the first guy to complain about someone's product, but this is the best I have seen. I can go on and on about the benefits we have seen on the production and maintenance end. I want to go further with this product line, pre-fired lintels, sills, jambs and big block in our holding furnaces. We seem to have the concept to run to failure, this product line can help stop this. If I install a good product like this in our furnaces, I can put my attention to other areas."

SPECIFY CERAMITE® CSA