

# Ceramite® CSA Troughing Systems

Superior Performance in Wear Resistant Applications

Bulletin 0160

Aluminum Industry

08/06

In the summer of 2005 a major international engineering firm contacted Stellar Canada Inc. to review a project covering the casting of aluminum sows – in Iceland. The program called for a troughing system to accept aluminum from cruses and carry it to a sow casting process. The system would handle most of the aluminum produced at the facility. The original specification called for conventional non-wetting cast shapes. Several meetings, presentations, references and case histories later the engineering firm and the mill owner approved **Ceramite® CSA Troughing**.

A total of 5 pieces, weighing 6,300 lbs. were placed into support steelwork, crated and shipped to Iceland.

Throughout North America **Ceramite® CSA Troughs, Launderers and Impact Pads** are outperforming any previous material used.

**Every tapping and high wear area in aluminum handling should be lined with Ceramite® CSA shapes.**



Tooling



Cast Shape



Cast Shape



Prepping for Installation



Steel Shell



Assembly of Sections



Ready for Metal

## 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

**"SUPERIOR PERFORMANCE IN WEAR AND ABRASION"**

**STELLAR CANADA INC.** 

  
[www.whetstone-ceramics.com](http://www.whetstone-ceramics.com)

 **Whetstone Technology, LLC**