

# Steel Industry Flume Design and Installation

## Optimized Wear Protection



Kalenborn Abresist flume linings have been engineered, designed and installed in a rolling mill and in continuous caster flumes for many years. Most are still performing as well as the first day with minor repairs caused by dropping large objects into the flumes.

Our wear resistant flume linings are a combination of our Abresist® and our Kalcret® wear products.

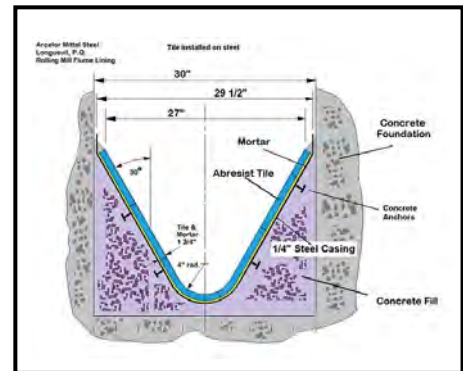
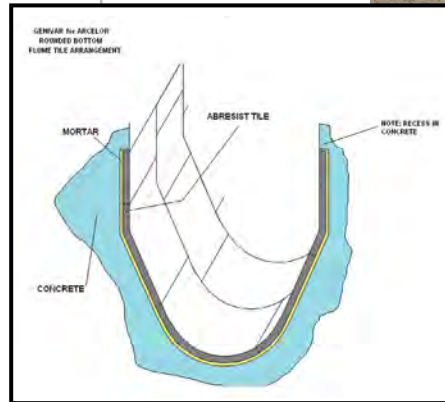
Abresist is sub volcanic in nature. It is a crystalline structure that has been re-melted in electric furnaces and poured into tile shapes. Custom Abresist tile sets have been designed, built and installed in more than 100 flumes in North America for more than 60 years. Abresist tiled flumes will outlast standard concrete 10 to 20 times.

Kalcret is a cementitious compound made of high-strength, high-tensile concrete. We mix many types and sizes of hard materials in the concrete to form a very hard, but very easy to install, homogeneous lining. This Kalcret lining will outlast standard concrete by 5 to 10 times.



## Customers

- Acme Steel
- Alan Wood Steel
- Algoma Steel Corp.
- Allegheny Ludlum
- Altos Hornos de Mexico
- Arcelor Mittal
- Armco Steel Corp.
- Benteler Steel
- Bethlehem Steel Corp.
- Caparo Steel
- Dominion Foundry & Steel
- Gerdau Mac Steel
- Great Lakes Steel
- Inland Steel Co.
- Lone Star Steel Co.
- LTV Steel
- Lukens Steel Co.
- Mesta-Wilson-Foster
- North American Stainless
- Pittsburgh Steel
- Steel Co. of Canada
- TCPO
- Tenaris Bay City
- U.S. Steel Corp.
- Valorec
- Wheeling Steel Corp.
- Youngstown Sheet & Tube



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# Kalenborn

Wear Protection Solutions