

## Time Tested Case History....Aggressive Slurry

An Ontario wastewater project called for slurry piping to handle the by product of waste separation. The first choice was Smith Fibercast **Ceram Core®** ceramic lined fibreglass piping. Engineered to replace costly lined steel piping the customer benefited from increased abrasion resistance when compared to alloy pipe as well as the added corrosion properties of fibreglass.

Fibreglass Solutions provided design input, material safety, installation training as well as installation review.

**Ceram Core®**, sized 6" through 16", inner corrosion barrier is fabricated from abrasion resistant alumina ceramic beads in an epoxy matrix creating a 130mil liner. Able to handle media temperature up 93°C and pressures up to 225 psig, **Ceram Core®** is the ideal product for severe abrasive conditions caused by sharp angular particles in high flow velocities such as bottom ash, sand lines and mine tailings, etc.

Piping is in lengths of 30' and the system includes 45 and 90 degree elbows with a 3-diameter sweep radius. Special angle fittings, including laterals, are available on request. Pipe and fittings are supplied with self-aligning flanged ends.

**Ceram Core®** light weight and easy handling offers savings in man-hours and equipment in initial installations and long term maintenance.

**Light-weight.**  
**Corrosion resistant.**  
**Low friction coefficient.**  
**Reduced pumping costs.**  
**Resistant to scaling.**  
**Specialized transition fittings.**  
**Adhesive bonded joints.**  
**ASME B31.3 compliant.**  
**Self-aligning flanges**



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