



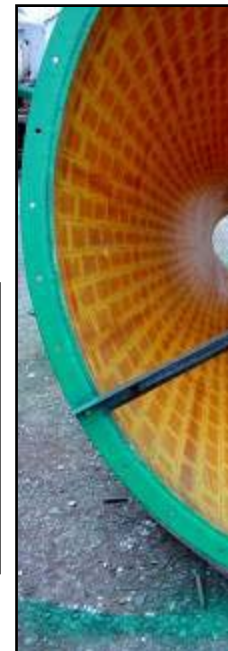
Applications Overview Wear Resistant Solutions



Material Handling Equipment

- Hoppers
- Dividers
- Screen Liners
- Cones
- Mixer Housings
- Scraper Blades
- Hammers

Our AeroTech Bonding of high alumina ceramics allows us to provide superior abrasion protection in applications not traditionally appropriate for ceramic linings.



Screw Conveyors

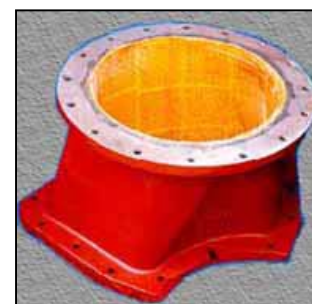
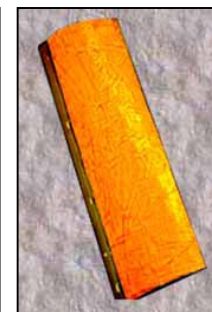
- Augers
- Mixing Screws
- Double Flights
- Refuge Screw
- Large & Small

Use of AeroTech Bonded ceramics can outperform traditional AR plate, hard-facing and weld overlays.



Pulverizer Parts

- Sand Mill Liner
- Impellor
- Classifying Collar
- Feeder Table Segment
- Coal Mill Valve
- Classifier Vane
- Pulverizer Bearing Shield
- Transition Section
- Wear Panel



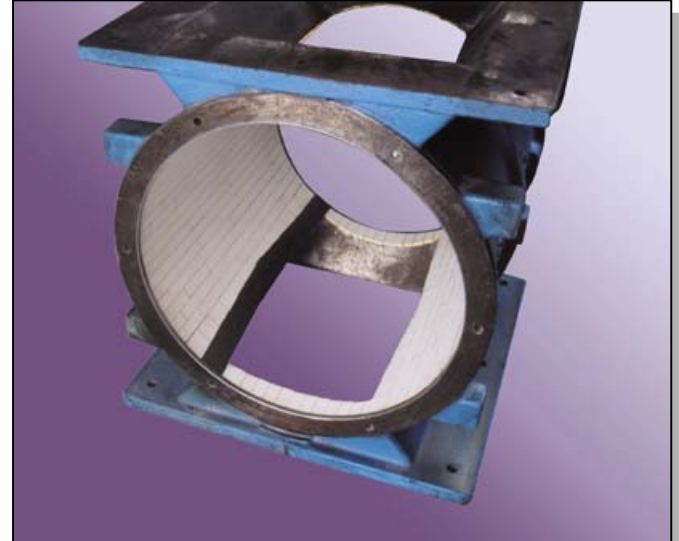
Performance to cost ratios for AeroTech Bonded alumina ceramics in pulverizer and coal handing applications is unsurpassed.

REPAREX

Rotary Airlock: Lining & Finishing Repair & Retrofit



With our AeroTech Bonding and in-house grinding capabilities we are able to offer wear resistant repairs and retrofits for all sizes of Airlocks.

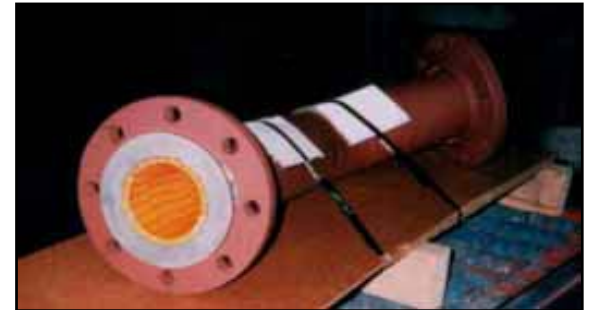


REPAREX

Coal Piping, Ash & Dust Handling

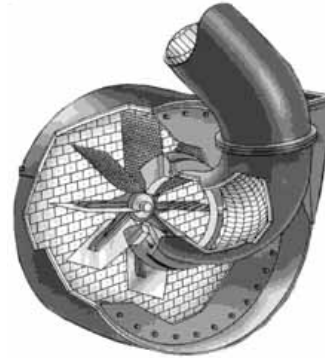
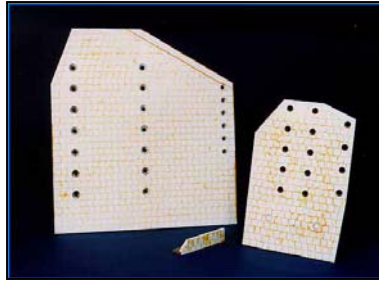
- Fuel Elbow
- Ash Elbow
- Diverter Valve
- Dividing Heads
- Orifices
- Ash Handling Elbow
- Elbow Cover

Allow us to line your existing equipment without redesign and re-engineering work that will cost you time and money.



Exhauster Fan Components

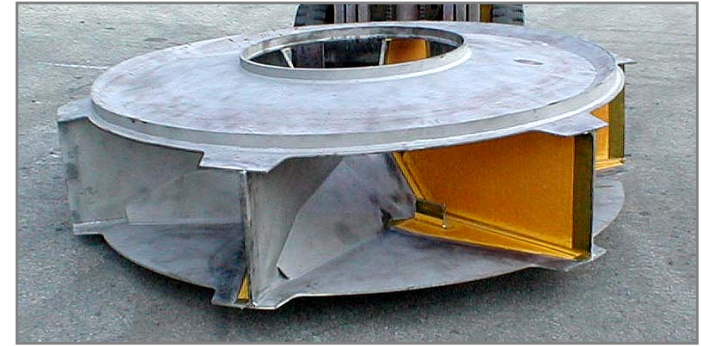
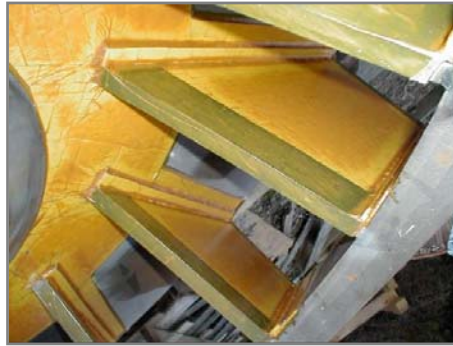
- Exhauster Blades
- Exhauster Assembly
- Hub Protector
- Spider Plates
- Whizzer Blade
- Enclosed Fan



We have unsurpassed experience in building, repairing and lining all types of fans, from traditional dust collection equipment to large high efficiency wheels.

High Efficiency Fan Wheels

- AeroTech Bonded Ceramic
- Ceramic & Carbide Hybrid Linings
- Rebuilds
- Dynamic Balancing



Our capabilities and capacity allow us to work on the largest and most complex high efficiency fan wheels.



Tungsten Carbide

- Crushing Bottom
- Inlet Bushing
- Exhauster Blade
- Dust Fan
- Mill Liner

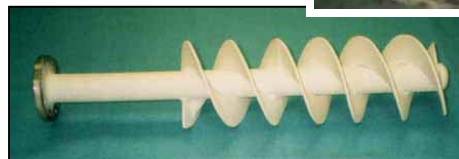
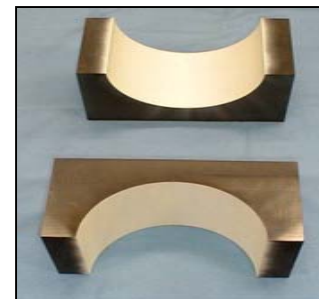
Cladding in solid tungsten carbide provides superior performance in the most aggressive wear environments.



Thermal Spray Coatings

- Furnace Fan
- Mixing Blades
- Furnace Setters
- Furnace Nozzle
- Finishing Paddle
- Low NOx Burner Turning Vane
- Screw Conveyor
- Furnace Tube

Our thermal spray coatings have been proven in thermal barrier and wear resistant applications.



Thermal Spray Coatings

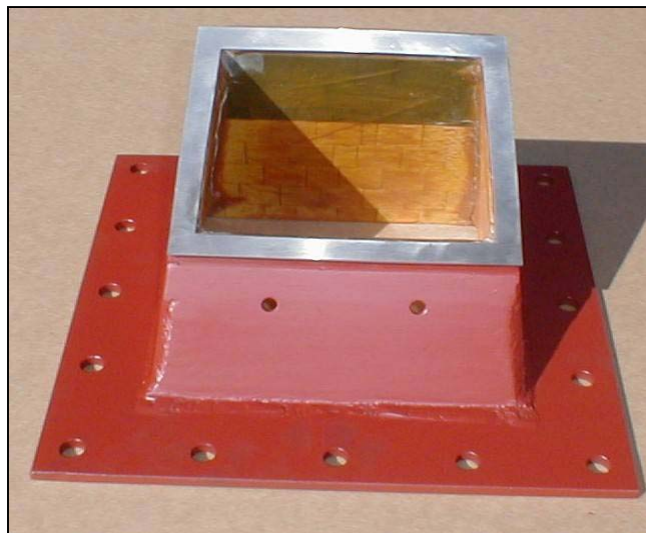
- Turbine Bushing
- Turbine Seal Ring
- Cam Shaft Pilot Bar
- High Velocity Rotor
- Pump Plungers
- Injector Nozzle
- Runner Wear Bar
- Aluminum Piston
- Milling Ring

We can provide ID coating, as well as high tolerance ground finishes on many types of parts.



Specialty Items

- Pneumatic Seal Housings
- Replaceable Liners
- Pump Housings
- Agitator Blades
- Filter Plates
- Eddy Current Shells



Through the proper application of the right materials we can help you solve your wear problems in even the most complex environments.

