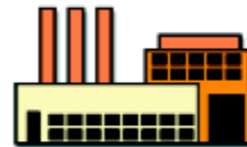


# Pyrotek SMELTING

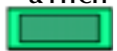


## Secondary (Scrap) Smelter:

- Floats
- Furnace Door Seals
- Furnace Relines
- Gaskets
- Graphite Impellers & Shafts
- Induction Furnace Ports
- Insulation - Ceramic Fiber & Ceramic Fiber-free
- Molten Metal Filtration
- Pre-cast Trough Sections
- Spouts



### PETROLEUM COKE & PITCH



### ANODE



### CARBON BAKE



- Carbon Bake:**
- Burner Seals
  - Ceramic Fiber & Ceramic Fiber-free Blankets
  - Flue Seals
  - Flexible Leg Seals
  - Furnace Bricks
  - Insulating Boards
  - Peep/Port Hole Plugs & Seals
  - Pre-cut Gasketing & Expansion Joints
  - Pre-heating Pit Covers
  - Rope Seals
  - Sewn Gaskets
  - Side Main Seals
  - Special Refractory Shapes
  - Tadpoles
  - Thermocouples
  - Thermocouple Protection Tubes

### Miscellaneous:

- Customized Safety Apparel

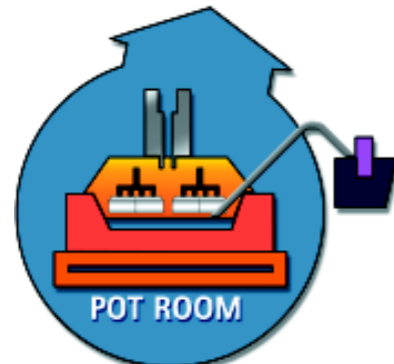
### BAUXITE ORE



### ALUMINA



### REDUCTION



### POT ROOM:

- Anode Assemblies
- Barrier Bricks
- Bedding Mix
- Busbar Insulators
- Cathode Flexes
- Catwalk Insulation
- Ceramic Fiber & Ceramic Fiber-free Blankets
- Collector Bar Seals
- Crucible Lid Seals
- Crust Breaker Insulation
- Dri Barrier Mix
- Electrical Insulation
- Electrically Insulating Air Ducts
- Insulating Boards/Bricks
- Point Feed Insulators
- Pot Lid Seals
- Pot Skirt Insulators & Seals
- Pre-cut Gasketing
- Rope Gaskets
- Sight Gauges & Gasketing
- Start-up Blankets/Seals
- Syphon Gaskets
- Transition Inserts (Bimetallic)

### ALUMINIUM TRANSFER



- Aluminium Transfer:**
- Coatings
  - Insulation Boards
  - Ladle & Crucible Lid Seals
  - Pre-cast Troughs & Launderers
  - Refractories
  - Ropes & Gaskets
  - Syphon Gaskets
  - Spouts

- Pumps:**
- Molten Metal Pumps

### MELTING/HOLDING FURNACE



### Furnace Products:

- Door Seals
- Drop In Liners
- Fluxes
- Flux Wands
- Graphite Mixers
- Insulating Boards & Bricks
- Induction Furnace Insulation
- Metal Treatments (Fluxes, Modifiers, Promag®, Refiners, Zendox®)
- PHD-50 (Mobile Metal Cleaning & Mixing System)
- Refractories
- Refractory Lining Materials
- SNIF® Holder Degassing Equipment
- Special Refractory Shapes
- Tap Hole Cones & Plugs
- Tap Out Blocks
- Thermal Insulation - Ceramic Fiber & Ceramic Fiber-free
- Thermocouples
- Thermocouple Protection Tubes
- Titanium Tablets (Tilite®)



### DEGASSING



### Degassing:

- Baffle Plates
- Degassing Tubes
- Door Seals
- Drop In Liners
- Dry Flux
- Flux Injectors
- Flux Wands
- Gaskets/Ropes/Door Seals
- Graphite Machined Parts
- Hydrogen Blocker Float
- Tablets #31
- Insulation - Ceramic Fiber & Ceramic Fiber-Free
- Mixing Nozzles
- PAL Degassing Units
- Protective Sleeves
- Refractories
- Refractory Lining Materials
- RID® Replacement Parts
- SNIF® Degassing Systems
- SNIF® Replacement Parts
- Tapout Blocks
- Taphole Plugs & Cones



### FILTRATION



### Filtration:

- Combo Bags
- Fiberglass Felts
- Fiberglass Cloth
- Filter Preheaters
- Pre-cast Filter Bowls
- Seating Tiles for Foam Filters
- Sewn Shapes (Windssocks, Down-Spout Socks, Channel Bags)
- Sivex®



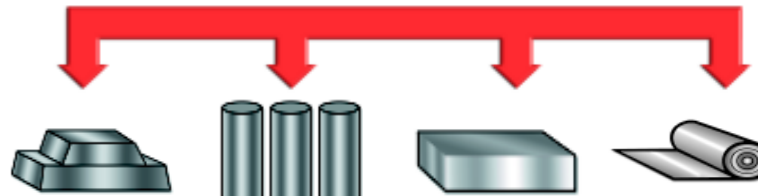
### METAL CASTING



### Casting Products:

- Bone Ash
- Boron Nitride
- Coatings
- Bulk Castables
- Cones
- Dams
- Dycote
- Gaskets (Sewn & Pre-cut)
- Insural®
- Perlube®
- Plugs
- Pyrokote & Other Coatings
- Pyroslip ALFS
- Rebonded Fused Silica Parts (Pins, Spouts, Seating Tiles, Thimbles)
- Refkon®
- Thermocouples
- Thermocouple Protection Tubes
- Thimbles
- Trough/Laundry Sections
- Washes & Coatings

# Pyrotek CASTING



### REMELT INGOTS

- Bone Ash
- Dycote
- Graphite Mold Release

### BILLETS

- Floats
- Fluxes
- Graphite Rings
- Insural®
- Lubricants (Perlube®)
- Orifice Plates
- Refractory Pan Sections
- Sivex®
- Skimmers
- Spouts
- Thimbles
- Transition Plates

### ROLLING INGOTS

- Boron Nitride
- Combo Bags
- Floats
- Fluxes
- Insural®
- Level Control Floats
- Sivex®
- Skim Dams
- Spouts

### STRIP CASTING

- Boron Nitride
- End Dams
- Feed Tubes
- Filter Boxes
- Fluxes
- Formed Caster Tips
- Insulating Launder Liners
- Insural®
- Nekote-35
- Roll Wiper Cloth
- Sivex®
- Tap Out Boxes
- Vacuum Formed Shapes

### FOUNDRY

- Foundry: Separate Book

### EXTRUSION PLANT

- Extrusion:**
- Boron Nitride
  - Graphite Cannister Shapes
  - Graphite Pastes
  - Hot Pads
  - Pre-cast Insulation for Billet Pre-heaters
  - Ropes & Gaskets
  - Run Out Table Slabs
  - Spacer Bar Covers
  - Terminal Blocks
  - Thermocouples
  - Thermocouple Protection Tubes
  - Walk Over Beam Pads

### ROLLING MILL

- Rolling Mill:**
- Burner Seals
  - Door Seals
  - Electrical Insulation
  - Gaskets
  - Insulation - Ceramic Fiber & Ceramic Fiber-free
  - Peeler Blades
  - Soaking Pit Seals
  - Thermocouples
  - Thermocouple Protection Tubes
  - Wear Rolls & Plates

# Pyrotek



**Advanced Metal Processing  
Technology for the 21st Century**

**SOLUTIONS FOR ALL YOUR ALUMINIUM PROCESSING NEEDS**



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