



# DRY GROUND BONE ASH

## NONFERROUS METAL COATING

Pyrotek Dry Ground Bone Ash is a tri-calcium phosphate bone ash coating, or a dry, chemically inert, fine white powder. It is less dense than aluminium and will not affect casting quality. Pyrotek bone ash outperforms red mud as a parting agent by adhering and packing well into troughs. It decreases skull buildup, and increases the life of trough sections, refractories and tools.

Pyrotek bone ash is available in two grades, standard and ceramic. Ceramic grade is a higher quality material which packs better, resulting in a more effective coating with better parting agent properties.



### COMPOSITION

Material	Approximate Percentage of Weight
CaO	52–54%
P <sub>2</sub> O <sub>5</sub>	40–42%
MgO	≤1.5%
SiO <sub>2</sub>	≤0.8%

### BENEFITS

- Chemically inert
- Effectively releases skull
- Easy to apply
- Packs well and provides an enhanced surface
- Adheres to tools and refractories

### APPLICATIONS

- Refractory crack sealant
- Refractory parts and tools coating
- Glass manufacturing
- Parting agent

### PHYSICAL PROPERTIES

Property	Value
Loss on Ignition	Standard: <1.5% at 1200°C (2192°F) Ceramic: <1.0% at 925°C (1697°F) for 30 minutes
Moisture	0.5% maximum
Sieve Analysis	Standard: 95% 325 mesh Ceramic: 98% 325 mesh

### AVAILABILITY

- 25 kg (55 lb) bags
- 170 kg (375 lb) drums

### HEALTH AND SAFETY

Refer to the product safety data sheet for proper handling and required personal protection equipment.

