



ENSIO RESOURCES: 40 YEARS OF EXPERIENCE IN SLAG PRODUCTS

Designed for faster cutting and increased production at lower cost, Patriot Blast is a suite of blasting abrasive products developed to meet the needs of large and small sandblasters across a wide range of application focuses. From navy ships to historic buildings to vehicle restoration, there is an environmentally-safe and highly effective Patriot Blast product available to successfully complete the project.

We are family-owned and our group of companies has over 40 years of extensive experience in the beneficial processing of different types of raw slags. We pride ourselves on supplying our customers with the best service and the best products at the best price, plain and simple. Private ownership allows Ensio Resources to be more flexible than its huge corporate competitors and foster close, long term relationships with our customers and suppliers.

In 2006, Ensio Resources acquired the Reed Minerals Coal Slag processing plant located in Bow, New Hampshire. Since that time, we have made significant investments in the facility and our personnel, and we will continue to do so to ensure that our product and operational capabilities are of the best quality.

CONTACT US

Phone: 603-224-0221

Fax: 603-224-0223

Office Email: edunbar@ensioresources.com

Sales Email: sales@ensioresources.com

Web: www.ensioresources.com



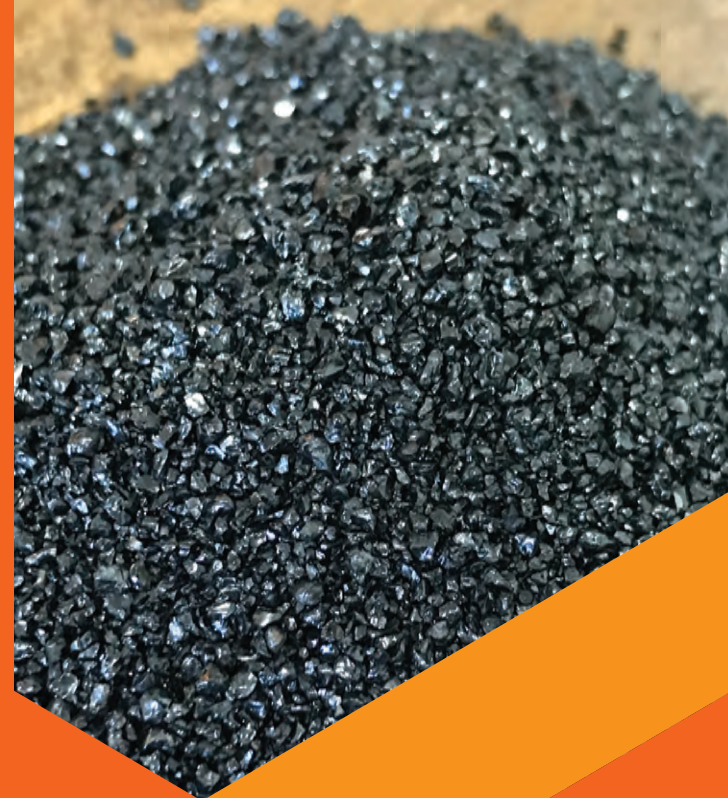
**PATRIOT BLAST ELITE is offered in
60 lb bags and 1.5 and 2 ton jumbo sacks.**
See inside for additional information.



ENSIO RESOURCES INC.

431 River Rd.
Bow, NH 03304

Now a proud distributor of BLASTOX®, the best additive you can mix with any of our medias to encapsulate lead. Available in jumbo sacks only.



PRODUCT FOCUS:

**PATRIOT BLAST ELITE
COPPER ABRASIVE
(IRON SILICATE)**

ENSIO RESOURCES INC.
QUALITY SLAG PRODUCTS

PATRIOT BLAST ELITE COPPER ABRASIVE

Patriot Blast Elite is an aggressive abrasive frequently used in new steel and steel maintenance applications. Copper slag (also known as iron silicate) meets SSPC AB-1 and TCLP testing requirements. The higher bulk density and angular particle shape which characterizes Copper Slag produces an aggressiveness that provides clean, fast-cutting action and consequently increased production rates. Copper Slag is ideal for the blasting required for industrial projects including structures such as bridges, storage tanks, water towers, ships, structural & plate steel, offshore platforms, and oil field maintenance. Copper slag is the product of choice in the Gulf and Southwest and has quickly gained popularity in the Northeast regions as well.



Available in 60 lb bags and 1.5 and 2 ton jumbo sacks.

SPECIFICATIONS

COPPER/IRON SILICATE EXPLAINED

Copper slag – also known as iron silicate – is a by-product of copper extraction by smelting. During the smelting process, molten slag is tapped off into fresh running water which instantly vitrifies the slag producing a black glass matrix with angular and shiny characteristics. The material is very similar to coal slag but exhibits higher densities.

PHYSICAL CHARACTERISTICS

Shape: Angular to Sub-Angular
Hardness: 6.0-7.0 Mohs
Bulk Density: 100-140 lbs./cu. ft.
Specific Gravity: 3.4 g/cc
Free Silica: less than 1.0%
Moisture Content: less than .5%



[Ensis Resources Patriot Blast Elite]

AVAILABLE SIZES AND APPLICATION

MEDIUM-1240 ELITE - TYPICAL PROFILE: 2.0-4.0 MILS
Used for general purpose applications. Removal of mill scale, rust and paint stripping on structural steel, ships, bridges.

FINE-2040 ELITE - TYPICAL PROFILE: 1.5-3.0 MILS
Used for light paint and rust removal and new construction application. Removal of light mill scale, light rust and light paint stripping on new structural steel, bridges, frames and trucks.

X-FINE-3060 ELITE - TYPICAL PROFILE: 1.0-2.0 MILS
Used for cleaning of surfaces of light paint and rust removal application to create a smooth finish. Cleaning of light mill scale, light rust and light paint stripping.

SUPER FINE-4080 ELITE - TYPICAL PROFILE: 0.5-1.5 MILS
Used for more delicate general cleaning of surfaces to create a smooth finish. Automotive, fiberglass, great soda blast alternative.