



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.

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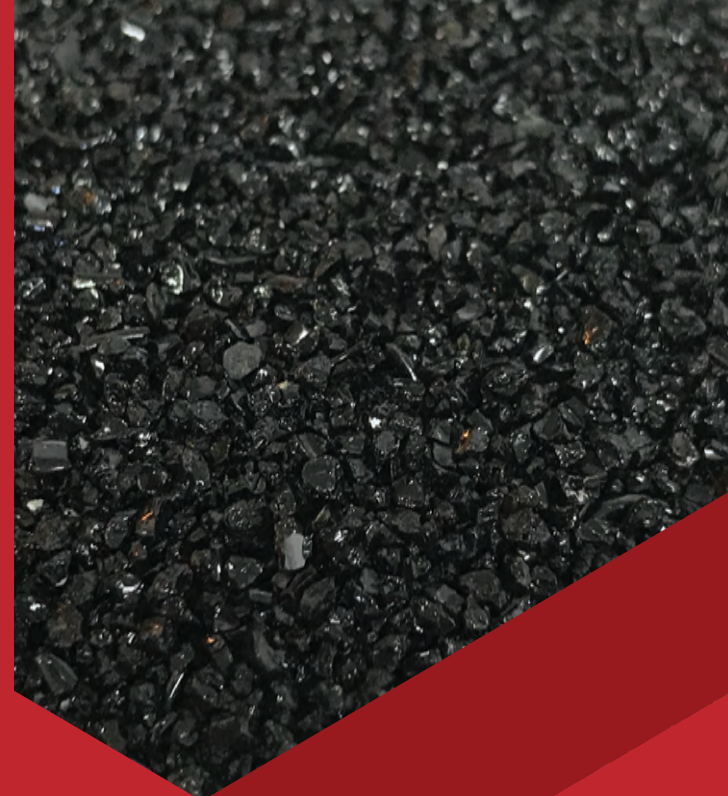
**PATRIOT BLAST is offered in
60 lb bags and 1.5 and 2 ton jumbo sacks.
See inside for additional information.**



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 COAL ABRASIVE

ENSIO RESOURCES INC.
QUALITY SLAG PRODUCTS

PATRIOT BLAST COAL ABRASIVE

Coal slag is an inert material and environmentally safe. ERI coal slag products do not exhibit any hazardous waste characteristics and pass all tests concerning heavy metals analysis, TCLP testing, SSPC AB-1, and is approved by the United States Navy for blasting at our nation's major warship and submarine bases. Because Coal Slag is vitrified, the chemical attributes within the amorphous glass-like structure are encapsulated even when the granules are shattered at high speeds during blasting. Because Coal slag products are recycled, their production don't impact our environment like mined sources of competing products like garnet or sand. Coal Slag products are Low- Free Silica in nature and are THE safer alternative to silica sand and other crystalline silica-rich materials.



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

SPECIFICATIONS

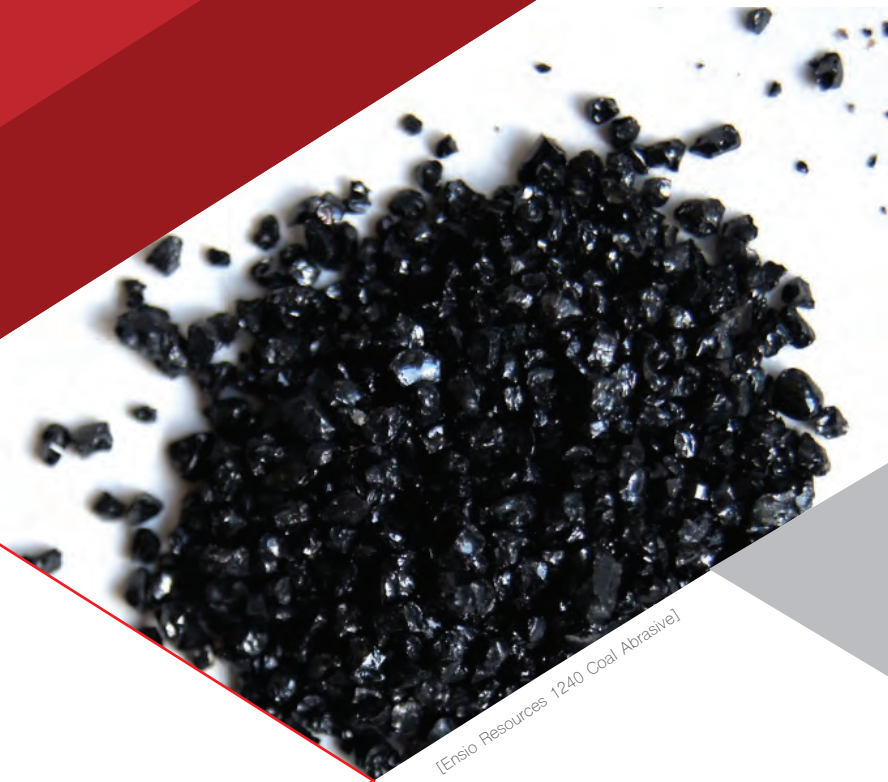
COAL SLAG EXPLAINED

Coal slag is a black, glass matrix alumina-silicate which is produced when wet bottom boiler power plants burn pulverized coal. The bottom ash is kept in a molten state until it is tapped and introduced to water. The water quenches the molten slag and instantly vitrifies it producing the raw glassy slag which Ensio Resources recycles and beneficiates through its processing facility to produce a variety of value added products for market. It has the optimal hardness, density, and particle shape to provide for an exceptional silica free blasting abrasive, roofing granule, non-skid, and sealcoating surface material.

Coal slag is not to be confused with fly ash or other forms of coal combustion byproducts which have completely different physical and chemical characteristics.

PHYSICAL CHARACTERISTICS

Shape: Angular to Sub-Angular
Hardness: 6.0-7.0 Mohs
Bulk Density: 75-100 lbs./cu. ft.
Specific Gravity: 2.7 g/cc
Free Silica: less than 1.0%
Moisture Content: less than .5%



Ensio Resources 1240 Coal Abrasive

AVAILABLE SIZES AND APPLICATION

MEDIUM-1240 COAL - TYPICAL PROFILE: 2.0-4.5 MILS

Used for general purpose applications. Removal of mill scale, rust and paint stripping on structural steel, ships, bridges.

FINE-2040 COAL - 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 COAL - 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 COAL - 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.