

BLACK BEAUTY IRON

AGGREGATE SANDBLASTING

MANUFACTURER:

Harsco Corporation
905 Steel Road South
Fairless Hills, PA 19030

DISTRIBUTED BY:

Empire Blended Products, Inc.
250 Hickory Lane • Bayville, NJ 08721
(732) 269-4949 • Fax (732) 269-0497
www.empireblended.com



SLAG PRODUCTS

achieve a 3.5-5.0 mil profile.

PRODUCT DESCRIPTION:

BLACK BEAUTY IRON® is a copper and coal slag blended abrasive. It is low dusting, sharp, angular and has a low free silica content. It is ideal as a blasting abrasive and is available in three popular grades, Extra Fine, Fine and Medium. It meets abrasive specification SSPC AB-1, MIL-A-22262B(SH) and environmental standard 40CFR 261.24a(TCLP). It is a 100% recycled "green" product.

USES:

- ▶ General purpose repair and maintenance
- ▶ Blasting and removal of paint and mill scale
- ▶ Aggregate exposure
- ▶ Gives a high degree of etch for better bonding

ADVANTAGES:

- ▶ Low free silica (less than 0.1% compared to sand at up to 99%)
- ▶ Fast cutting
- ▶ Consistent gradation and density
- ▶ Low dusting
- ▶ Moisture Free
- ▶ Hard Sharp Angular Particles
- ▶ Chemically inert
- ▶ A 100% recycled "green" product

MEDIUM GRADE BLACK BEAUTY IRON® is used for general purpose repair and maintenance blasting, for removal of paint, rust, mill scale and other coatings. Minimum suggested nozzle size is ¼" and under standard blasting conditions will

FINE GRADE BLACK BEAUTY IRON® is used for new construction, light paint and rust removal, and for special maintenance applications requiring reduced profiles. Minimum suggested nozzle size is 3/16" and under standard blasting conditions will achieve a 2.5-3.5 mil profile.

EXTRA FINE GRADE BLACK BEAUTY IRON® is used for light blasting requiring a clean surface and minimum anchor profile including brush off blast or high pressure water blast systems. Minimum suggested nozzle size is 1/8" and under standard blasting conditions will achieve a 1.5-3.0 mil profile.

COVERAGE:

Each 50 pound bag is approximately 0.4 cubic foot.

PACKAGING:

Available in 50 pound multi-wall paper bags.

COLOR:

Black

TECHNICAL DATA:

Moh Hardness.....	6-7
Specific Gravity	3.4
Free Silica	Less than 0.1%
Particle Shape.....	Angular sharp
Bulk Density.....	100-120lbs per cubic ft.
Moisture Content.....	Less than 0.5%

Typical Chemical Analysis:

Silicon Dioxide	30-45%
Silicon Dioxide, Crystalline	<.1%
Aluminum Oxide	3-15%
Titanium Oxide.....	0-2%
Iron Oxide	40-60%
Calcium Oxide	2-10%
Magnesium Oxide	0-2%
Potassium Oxide.....	0-3%

CAUTION:

Use appropriate NIOSH certified respiratory protection when exposure limits may be exceeded. Maintain sufficient ventilation.

WARRANTY:

Due to the use of this product beyond our control, we assume no liability for damages of any kind, and the user accepts the product "as is" and without warranties, expressed or implied, from either Empire Blended Products, Inc or its agents. The suitability of the product for an intended use shall be solely up to the user. Our only obligation shall be to replace or pay for any material proved defective, with our liability limited to the purchase price of materials supplied by us. It is the user's obligation to use this product safely.