

BLACK BEAUTY[®]

ABRASIVES YOU CAN *TRUST.*



BLACK BEAUTY[™] IRON



THE ORIGINAL
BLACK BEAUTY[®]



BLACK BEAUTY[™] GLASS



BLACK BEAUTY[™] VELOCITY

www.BlackBeautyAbrasives.com
www.ReedSolutions.com



**WE
CREATE
WHAT'S
NEXT.**

REED 

Proud producer of:



ABOUT US

The Most Trusted Brand



REED, the provider of **Black Beauty®** Abrasives, is a trusted global leader in environmental, manufacturing, and innovative product development. We continually develop and refine creative methods of recycling minerals in an effort to send less waste to landfills and provide more environmentally beneficial solutions for everyday utilization. With over 90 years of manufacturing consistent, high quality products in various industries, REED produces the most trusted mineral based products today.

REED's long history of servicing utility producers for site waste removal, material handling, and cost reduction is part of its competitive advantage in turning raw material sources into high performing, finished products for consumption.

Our coal aggregate is also used for commercial structural fill, waste water filtration media, and anti-skid/asphalt additive. We have further expanded our product line and environmental commitment by recycling copper slag and post-consumer glass into a variety of markets including the surface preparation industry as a blasting abrasive.



BLACK BEAUTY® abrasive packaging dates back to the 1940's-1960's.



1930's
The BLACK BEAUTY® Abrasive brand is born.

Harsco

1983
Harsco Corporation acquires Reed Minerals.

HARSCO

2010
Reed Minerals is rebranded under the Harsco name.

SURE/CUT
Cutting through the competition

Introduced 2021



1930's
H.B. Reed & Company founded in Hammond, IN.



1950's
Roofing granules are introduced.



2008
The BLACK BEAUTY® logo is redesigned.



2012
BLACK BEAUTY® IRON & BLACK BEAUTY® GLASS air blast abrasives are introduced.



2026
Aligning all surface preparation media under BLACK BEAUTY® brand.

OUR PRODUCTS

Quality & Environmental Commitment

BLACK BEAUTY® blasting abrasives lead the industry for quality, value and performance - characteristics which have been well earned. With our on-staff quality team, quality assurance procedures and in-house lab, we work to make certain every order meets or exceeds your expectations. We stand behind our products 100%.

Quality Assurance

We are committed to providing a quality product. We routinely test our raw materials and finished products at each of our manufacturing facilities. Product samples from each plant are sent to our lab, where more specialized and extensive testing is performed by our quality team to monitor for product consistency and compliance with internal and industry standards. The results of each test are analyzed and help identify adjustments to production.

Customer Service

We work closely with our customers, should a quality issue arise. We take each complaint seriously and understand how an under performing product may impact your project. As we review your concern, we ensure you have enough material to get the job done. A member of our quality team will make onsite visits, as needed, to investigate the issue first-hand. Our responsive experts and in-house lab help to quickly identify the root cause and prevent future concerns.

Research & Development

Our quality team plays an integral role in evaluating new materials to the BLACK BEAUTY product family. The raw material's physical and chemical characteristics, as well as granule performance, are analyzed by our quality team. Material must meet our rigid standards before they are approved as a BLACK BEAUTY branded product.

Performance Testing

In order to maintain the quality of our products, we routinely trial and batch test out of each plant with the most relevant blasting equipment and technical expertise. This assures consistency and quality of our material, which reduces our customer's concerns of performance. The testing process maximizes the quality and mix of material so that the blaster has the maximum performance they should expect.

Environmental Standards

Our business was built on recycling, and we continue to grow today with that same business model in mind. Our facilities and products meet or exceed all environmental standards.



BLACK BEAUTY® Abrasives

Coal Slag



BLACK BEAUTY® abrasives are the original coal slag grit in the marketplace, leading the industry for over 90 years. Coal slag abrasives are considered to be the best value per square foot of cleaning and are used to remove thick coatings, rust and mill scale.

FEATURES & BENEFITS

- **Free Silica:** < 0.1%
- **Particle Shape:** angular, sharp
- **Hardness:** 6 to 7 on the Moh's scale
- **Bulk Density:** 75-100 lbs per cubic ft
- **Specific Gravity:** typically 2.73
- **Moisture Content:** < 0.5%
- **Low dusting, low friability**
- **Chemically inert**
- **Passes 40CFR 261.24a (TCLP)**
- **Passes California Title 17 (CARB)** (selected certified plants)
- **QPL Approved: MIL-A-22262B (SH)** (selected plants only)
- **Passes SSPC AB-1** (all plants)



GRADES

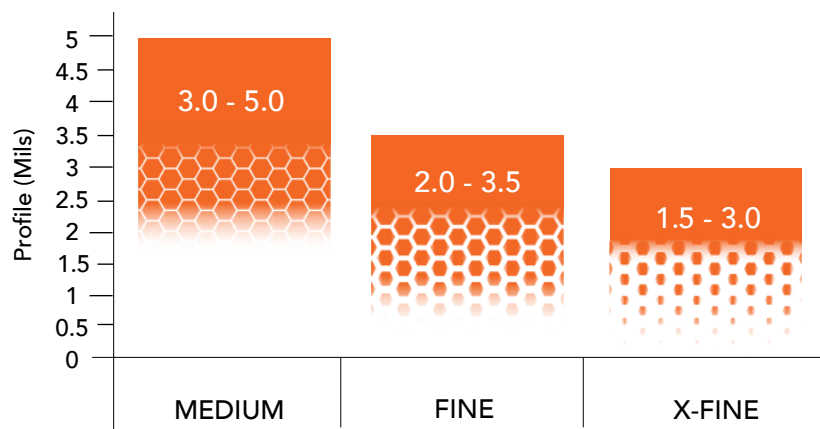
MEDIUM: For general purpose repair and maintenance blasting for the removal of paint and rust, structural steel, mill scale and aggregate exposure.

FINE: For new construction, light paint and rust removal, and for special maintenance applications requiring reduced profiles. Bridge maintenance, light mill scale, paint and rust, new structural steel.

X-FINE: To clean surfaces and create a smooth finish, brush-off blast, or in a high pressure water blast system.

Custom grades also available.

PROFILE GUIDE



This guide shows the profile range of different grades of abrasives. The results were observed from a controlled environment using a standard blast cabinet system. The parameters of operation for the test were the following: 90-100 psi at the nozzle, nozzle to surface distance of 18", a 1/4" orifice venturi nozzle, on new 1/8" grade A36 steel, with a blast angle 75° to 105°. Results may vary depending on environmental conditions and equipment performance setup.

LOCATIONS – Highlighted states indicate distribution area.

AL, Satsuma
IL, Pawnee
IL, Pekin
KS, La Cygne*

KY, Drakesboro*
OH, Gallipolis*
VA, Virginia Beach*

*Will preblend with Blastox on request. All plants will pre-blend with Dustnet on request.

PACKAGING – Bulk also available.

50lb. bags
60 bags per pallet

Jumbo bags
up to 2 tons/
4,000lbs

100lb. bags
30 bags per pallet

BLACK BEAUTY® GLASS Abrasives

Crushed Glass



BLACK BEAUTY® GLASS

BLACK BEAUTY® GLASS abrasives are high quality, chemically inert and environmentally friendly. Our crushed glass abrasive is made from 100% recycled glass.

FEATURES & BENEFITS

- **Free Silica:** < 1%
- **Particle Shape:** angular
- **Hardness:** 6 on the Moh's scale
- **Bulk Density:** 65-85 lbs per cubic ft
- **Specific Gravity:** typically 2.5
- **Moisture Content:** < 0.5%
- **Non-reactive**
- **Produces white metal surface**
- **Increased visibility and production**
- **Chemically inert**
- **Passes 40CFR 261.24a (TCLP)**
- **Passes California Title 17 (CARB)** (selected certified plants)
- **QPL Approved: MIL-A-22262B (SH)** (selected plants only)
- **Passes SSPC AB-1** (all plants)



GRADES

COARSE: For industrial applications, bridges, tanks, steel construction and fabrication.

MEDIUM: For industrial applications, bridges, tanks, steel construction and fabrications, where a reduced profile is desired.

FINE: To clean surfaces and create a smooth finish. Suggested applications include automotive, fiberglass, hobby and soda blast alternative.

LOCATIONS – Highlighted states indicate distribution area.

CO, Denver

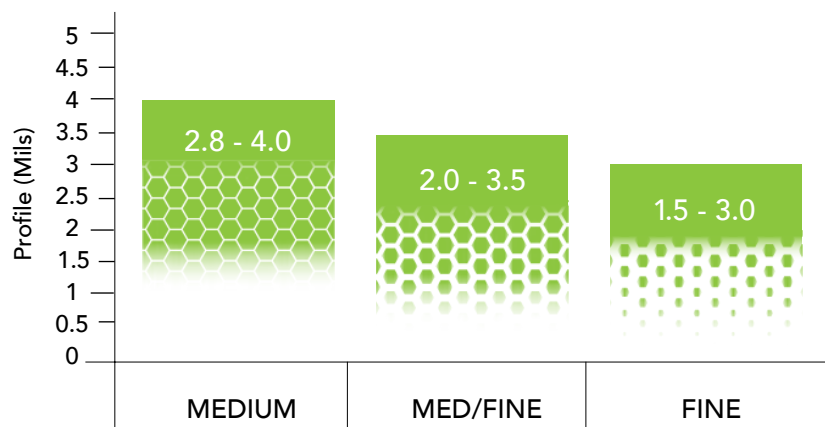
PA, Orwigsburg

PACKAGING – Bulk also available.

50lb. bags
60 bags per pallet

Jumbo bags
up to 1.5 tons/
3,000lbs

PROFILE GUIDE



This guide shows the profile range of different grades of abrasives. The results were observed from a controlled environment using a standard blast cabinet system. The parameters of operation for the test were the following: 90-100 psi at the nozzle, nozzle to surface distance of 18", a 1/4" orifice venturi nozzle, on new 1/8" grade A36 steel, with a blast angle 75° to 105°. Results may vary depending on environmental conditions and equipment performance setup.

BLACK BEAUTY® IRON Abrasives

Copper Slag



BLACK BEAUTY® IRON

BLACK BEAUTY® IRON abrasives are a copper slag (iron silicate) abrasive that cuts quickly due to heavy bulk density to increase production rates.

FEATURES & BENEFITS

- **Free Silica:** < 0.1%
- **Particle Shape:** angular/subangular
- **Hardness:** 6 to 7 on the Moh's scale
- **Bulk Density:** 100-120 lbs per cubic ft
- **Specific Gravity:** typically 3.4
- **Moisture Content:** < 0.5%
- **Low dusting, fast cutting**
- **A 100% recycled, green product**
- **Passes 40CFR 261.24a (TCLP)**
- **Passes California Title 17 (CARB)** (selected certified plants)
- **Passes SSPC AB-1** (all plants)
- **Passes QPL MIL SPEC TYPE II, Class 8, Grades A & B**
(Tampa)



GRADES

MEDIUM: Used for general purpose repair and maintenance blasting including removal of paint, rust, mill scale, and other coatings from surfaces.

FINE: Utilized for new construction, light paint and rust removal and special maintenance applications requiring reduced profiles.

X-FINE: Applicable for light blasting requiring a clean surface and minimum anchor profile including brush-off blast or high-pressure water blast systems.

LOCATIONS – Highlighted states indicate distribution area.

FL, Tampa* VA, Virginia Beach* TX, Houston*

*Available preblended with Blastox or Dustnet on request.

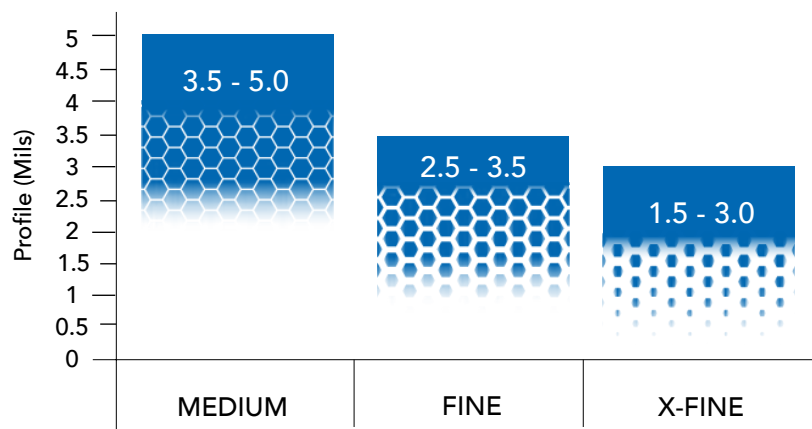
PACKAGING – Bulk also available.

50lb. bags
60 bags per pallet

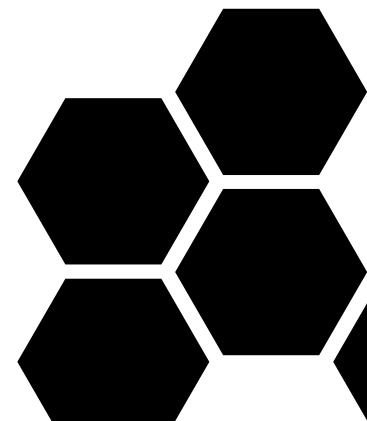
Jumbo bags
up to 2 tons/
4,000lbs

100lb. bags
30 bags per pallet

PROFILE GUIDE



This guide shows the profile range of different grades of abrasives. The results were observed from a controlled environment using a standard blast cabinet system. The parameters of operation for the test were the following: 90-100 psi at the nozzle, nozzle to surface distance of 18", a 1/4" orifice venturi nozzle, on new 1/8" grade A36 steel, with a blast angle 75° to 105°. Results may vary depending on environmental conditions and equipment performance setup.



BLACK BEAUTY® VELOCITY Abrasives

Calcium Iron Silicate



BLACK BEAUTY VELOCITY

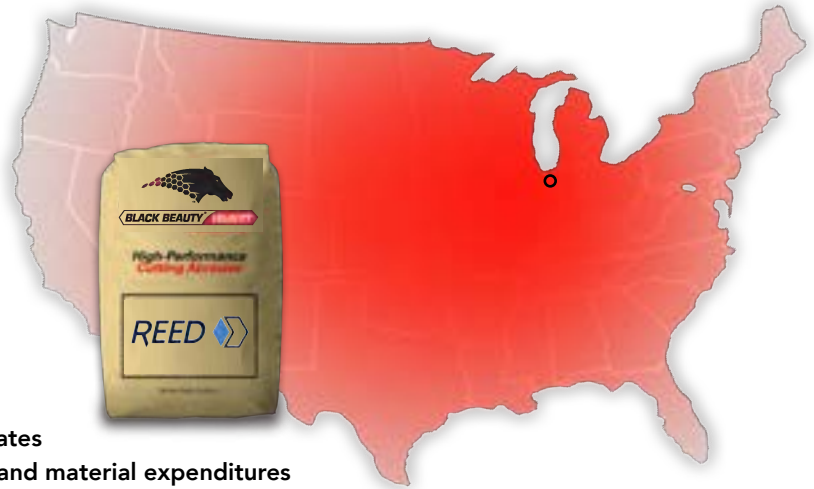
Formulated to be faster, **BLACK BEAUTY VELOCITY™** is an *enhanced, calcium-iron silicate abrasive media* offering *superior cutting capability* and a *lower consumption rate*. This is due to its unique particle features that capture the pressure at the nozzle. Because the material is dense and efficient, you need less pressure, material, and effort to complete a surface prep job.

FEATURES & BENEFITS

- **Free Silica:** < 0.1%
- **Low dust generation**
- **Shape:** angular, sharp
- **Hardness:** 7-8 on the Moh's scale
- **Bulk Density:** 105-120 lbs/ft³
- **Passes SSPC AB-1** (all plants)
- **Passes California Title 17 (CARB)**

Sure/Cut Abrasives provide blasters higher productivity, with test results showing:

- **Up to 30% reduction in consumption rate**
- **Up to 50% less time on the job due to faster cutting rates**
- **Noticeable reduction in total cost/sq. ft. on overhead and material expenditures**



GRADES

COARSE: For industrial applications, bridges, tanks, steel construction and fabrication.

FINE: Utilized for new construction, light paint and rust removal and special maintenance applications requiring reduced profiles.

X-FINE: Applicable for light blasting requiring a clean surface and minimum anchor profile including brush-off blast or high-pressure water blast systems.

SUPER FINE: For light blasting requiring a clean surface and minimum anchor profile including brush-off or high-pressure water blast systems.

LOCATIONS – Highlighted states indicate distribution area.

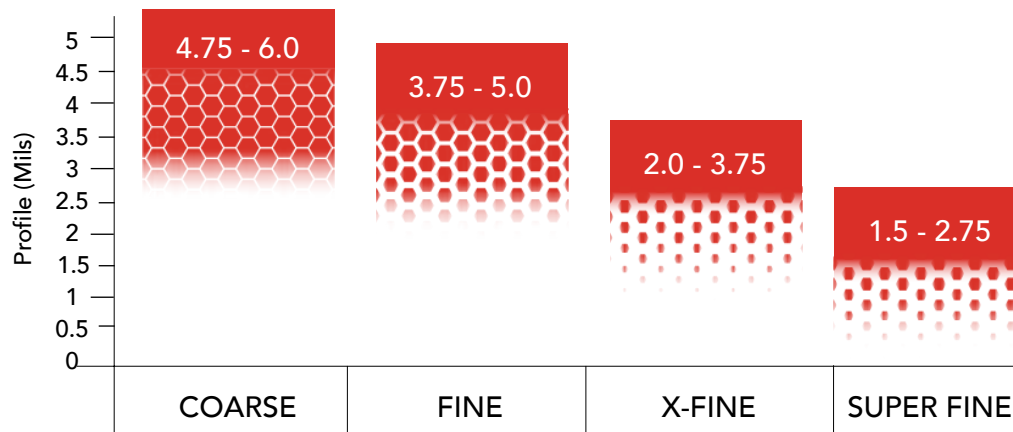
IN, Gary

PACKAGING – Bulk also available.

50lb. bags
60 bags per pallet

Jumbo bags
up to 2 tons/
4,000lbs

PROFILE GUIDE



This guide shows the profile range of different grades of abrasives. The results were observed from a controlled environment using a standard blast cabinet system. The parameters of operation for the test were the following: 90-100 psi at the nozzle, nozzle to surface distance of 18", a 1/4" orifice venturi nozzle, on new 1/8" grade A36 steel, with a blast angle 75° to 105°. Results may vary depending on environmental conditions and equipment performance setup.



OTHER INDUSTRIES SERVED

Beyond Abrasives

Roofing

Reed Minerals is a market leader and one of the largest roofing granule suppliers in the U.S., partnering with the country's leading shingle manufacturers. Our headlap, mineral surfacing and back-surfacing products are offered in our customer's choice of coal, copper or calcium iron silicate slags tailored to provide optimum performance, and longevity. Our ability to deliver custom granule sizes to meet the most stringent or unique requirements makes Reed Minerals the roofing market's premium choice and our Black Beauty products the gold standard for mineral surfaced underlayments.

Filtration

Filtration materials are commonly used in residential pools and wastewater treatment plants to remove unwanted particles in various sizes. Our glass filtration media, BrightLine®, allows for optimal filtration and enables filtration systems to easily filter, removing suspended solids efficiently and safely for the consumer.

Sealcoat / Anti-Skid Aggregate

Our coal slag aggregate meets most sealcoat industry specifications and standards for use in mixing aggregate with coal tar emulsions, crack fillers and epoxies to reseal and rejuvenate blacktop surfaces.

Turf Infill Solutions

Our nickel material provides a high density and long lasting infill solution. It's natural attributes blend in easily and provide a beautiful aesthetic.

Filler & Coatings

Many products such as paint, carpet, tile, latex, rubber, and elastomeric coatings contain up to 50% of mineral fillers. Our high quality filler is made from 100% recycled glass.



BLACK BEAUTY®

Contact Us

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- 🌐 LinkedIn.com/company/the-original-black-beauty-abrasives

