

BLACK BEAUTY® Abrasives

Product Specification Sheet

Grades

MEDIUM: For general purpose repair and maintenance blasting; REMOVAL OF PAINT AND RUST, STRUCTURAL STEEL, MILL SCALE, GENERAL PURPOSE, AGGREGATE EXPOSURE

FINE: For new construction, light paint and rust removal, and for special maintenance applications requiring reduced profiles; BRIDGE MAINTENANCE, LIGHT MILL SCALE, LIGHT PAINT AND RUST, NEW STRUCTURAL STEEL.

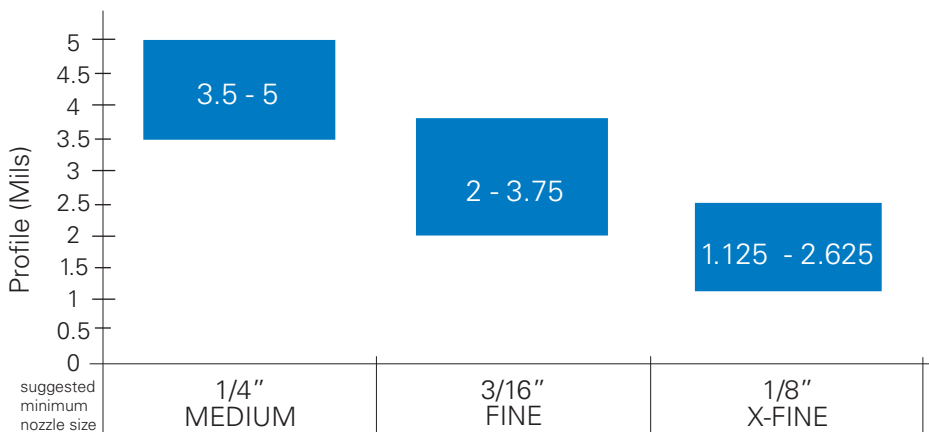
X-FINE: To clean surfaces and create a smooth finish, Brush-Off Blast, or in a high-pressure water blast system.

ELITE: If project requires a specialized blasting abrasive, we can help. Using our proprietary processes and superior blending capabilities, we can fine-tune your BLACK BEAUTY® blasting abrasive to Elite Gradations. Contact our customer service group (1-866-733-3646) for immediate assistance.

Profile Guide

The guide shows profile ranges achieved with different grades of BLACK BEAUTY® abrasives with a controlled environment in a blast cabinet designed by Harsco Minerals. The controlled environment consisted of 100 psi at the nozzle, nozzle to the surface distance of 18" +/- 3/8" orifice long venture nozzle, on new 1/8" grade A36 steel, with a blast angle of 75° to 105°.

Some variance in the profile can be noted by the profile ranges even in a controlled environment. Harsco Minerals cannot guarantee identical profile results with BLACK BEAUTY® abrasives in the field where variability exists.



THE ORIGINAL
BLACK BEAUTY®

AL, Satsuma
240 Baldwin Road
Satsuma, AL 36572
(800) 731-7982

FL, Tampa
5950 Old 41A Hwy
Tampa, FL 33619
(800) 731-7982

IL, Pawnee
226 East 1640 Road
Pawnee, IL 62558
(217) 237-4335

IL, Pekin
13090 E. Manito Road
Pekin, IL 61554
(309) 347-1962

IN, Gary
7100 West 9th Avenue
Gary, IN 46406
(888) 733-3646

KS, LaCygne
East 2150 Industrial Blvd
LaCygne, KS 66040
(888) 733-3646

KY, Drakesboro
9001 State Rte 176 East
Drakesboro, KY 42337
(270) 476-8020

OH, Niles
412 McKees Lane
Niles, OH 44446
(330) 652-2002

CUSTOMER SERVICE
1-888-733-3646

PA, Philadelphia
905 Steel Road South
Fairless Hills, PA 19030
(888) 733-3646

MO, Thomas Hill
4461 Highway F
Clifton, MO 65244
(888) 733-3646

OH, Gallipolis
5486 State Rte 7 North
Cheshire, OH 45620
(304) 845-0211

TX, Houston
13040-A Market Street
Houston, TX 77015
(800) 731-7982

TX, Rockdale
FM 1786
at Alcoa Sandow Works
(800) 731-7982

WV, Moundsville
Route 2 South
Moundsville, WV 26041
(304) 845-0211

MD, Baltimore
608 Folcroft Street
Baltimore, MD 21224
(888) 733-3646

NY, Buffalo
2769 Broadway Street
Cheektowaga, NY 14227
(330) 652-2002

VA, Chesapeake
5100 Bainbridge Blvd
Chesapeake, VA 23320
(888) 733-3646

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Product Specification Sheet Cont.

Product Data (Typical)

Free Silica...less than 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...2.73

Moisture Content...less than 0.5%



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Chemical Analysis

Silicon Dioxide	48.78%
Aluminum Oxide	20.97%
Ferric Oxide	19.08%
Calcium Oxide	6.02%
Potassium Oxide	1.67%
Titanium Dioxide	0.94%
Magnesium Oxide	0.90%
Sodium Oxide	0.62%

Specific data may be obtained by contacting Harsco Minerals.

Features & Benefits

- Less than 0.1% free silica
- Hard angular particles
- Uniform density
- Low friability
- Low dusting
- Chemically inert
- Passes 40CFR 261.a (TCLP)
- Passes California Title 17 (CARB) (selected certified plants)
- QPL Approved: MIL-A-2262B(SH) (selected plants only)
- SSPC AB-1 (all plants)

Proven. Trusted. Reliable.
For nearly 80 years.