



Reed Minerals

Harsco®

BLACK BEAUTY® ABRASIVE SPECIFICATION SHEET



THE ORIGINAL
BLACK BEAUTY®

MEDIUM

Medium grade **BLACK BEAUTY®** abrasive for general purpose repair and maintenance blasting; REMOVAL OF PAINT AND RUST, STRUCTURAL STEEL, MILL SCALE, GENERAL PURPOSE, AGGREGATE EXPOSURE.

FINE

Fine grade **BLACK BEAUTY®** abrasive 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.

EX - FINE

Extra fine grade **BLACK BEAUTY®** abrasive to clean surfaces and create a smooth finish, Brush-Off Blast, or in a high-pressure water blast system.

ELITE

If your 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 (888) REEDMIN for immediate assistance.

Plants and Sales Offices

1-888-REEDMIN (733-3646)

AL, Satsuma

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

KS, LaCygne

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

OH, Gallipolis

5486 State Route 7 North
Cheshire, OH 45620
(304) 845-02111

FL, Tampa

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

KY, Drakesboro

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

TN, Memphis

2170 Plant Road
Memphis, TN 38019
(901) 789-0700

IL, Pawnee

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

OH, Niles

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

TX, Houston

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

IL, Pekin

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

PA, Philadelphia

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

TX, Rockdale

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

IN, Gary

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

MO, Thomas Hill

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

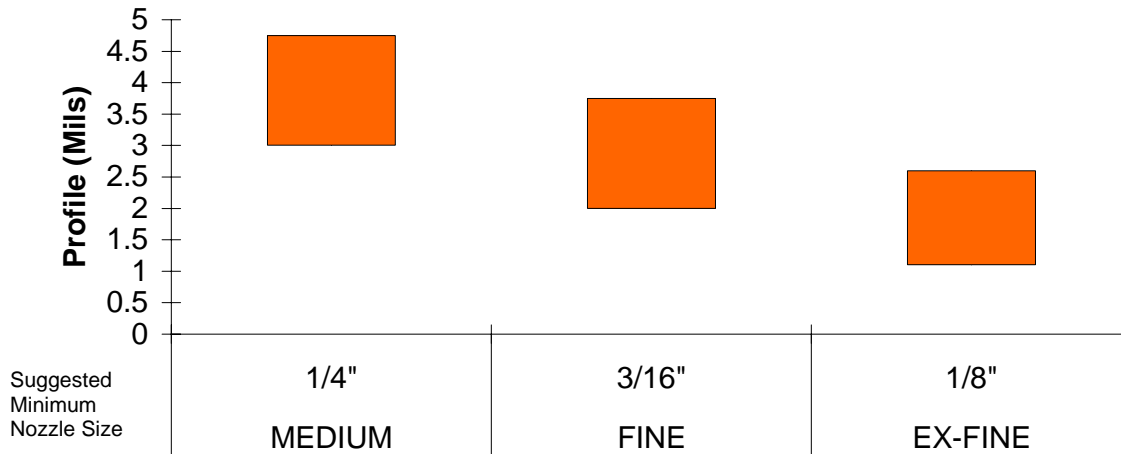
WV, Moundsville

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

This **BLACK BEAUTY®** abrasive 'profile guide' shows profile ranges achieved with different grades of **BLACK BEAUTY®** abrasives with a controlled environment in a blast cabinet designed by Reed Minerals. The controlled environment consisted of 100 psi at the nozzle, nozzle to surface distance of 18" +/- 3", a 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. Reed Minerals cannot guarantee identical profile results with **BLACK BEAUTY®** abrasives in the field where variability exist.

BLACK BEAUTY® ABRASIVE PROFILE GUIDE



BLACK BEAUTY® ABRASIVE PRODUCT GRADES

GRADATION & AVAILABILITY VARY FROM PLANT TO PLANT

BLACK BEAUTY® ABRASIVE 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 depending on gradation
SPECIFIC GRAVITY – 2.73
MOISTURE CONTENT – less than 0.5%

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 REED MINERALS



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www.reedmin.com or www.blackbeautyabrasive.com