

BLACK BEAUTY® Abrasives

Product Specification Sheet

CUSTOMER SERVICE

1-888-733-3646

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.

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 (1-888-733-3646) 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's technical team. The controlled environment consisted of 90-100 psi at the nozzle, nozzle to the surface distance of 18"; a 1/4" orifice venturi 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 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

MD, Baltimore

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

NY, Buffalo

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

OH, Gallipolis

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

TN, Memphis

2170 Plant Road
Memphis, TN 38109
901-789-0700

PA, Philadelphia

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

TX, Houston

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

TX, Rockdale

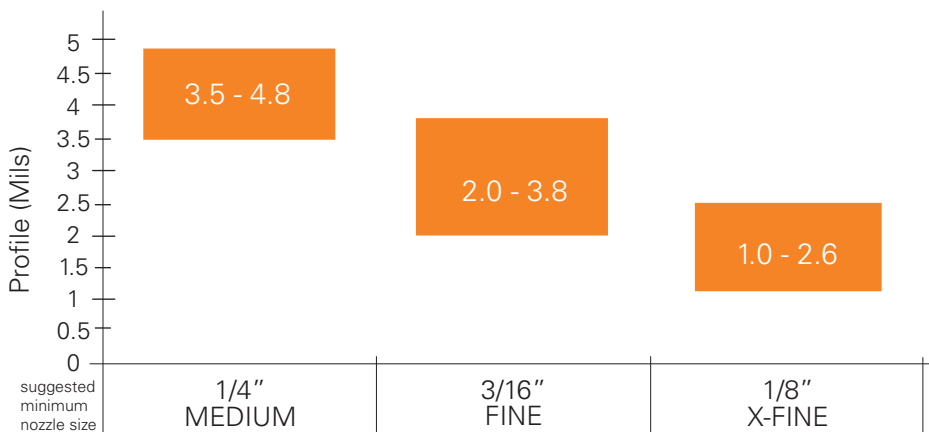
FM 1786
at Alcoa Sandow Works
Rockdale, TX 76567
(800) 731-7982

VA, Virginia Beach

2429 Ferry Road
Virginia Beach, VA 23453
(888) 733-3646

WV, Moundsville

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



© 2013 Harsco Minerals International. All Rights Reserved. BLACK BEAUTY® is a registered trademark of Harsco Technologies, LLC

BLACK BEAUTY® Abrasives

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%



THE ORIGINAL
BLACK BEAUTY®

Chemical Analysis (Typical)

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 at 1-888-733-3646.

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.