



BLACK BEAUTY® ABRASIVE SPECIFICATION SHEET



Recycling by-products
to minimize land filling

COARSE

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

MEDIUM

Medium 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.

FINE

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

EXTRA-COARSE

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.

Flat Rock Bagging
P.O. Box 398
Flat Rock, MI 48135
734-782-2073 - office
734-782-4138 - fax

Flat Rock Bagging
233 Prospect Street
Sparta, MI 49345
616-887-8823 - office
616-887-8824 - fax

Flat Rock Bagging
608 Harrison Road
Trenton, Michigan 48182
734-782-2073 - office
734-675-4059 - fax

Sales Director
Ron Brooks
734-782-2073
marketing@flatrockbagging.com

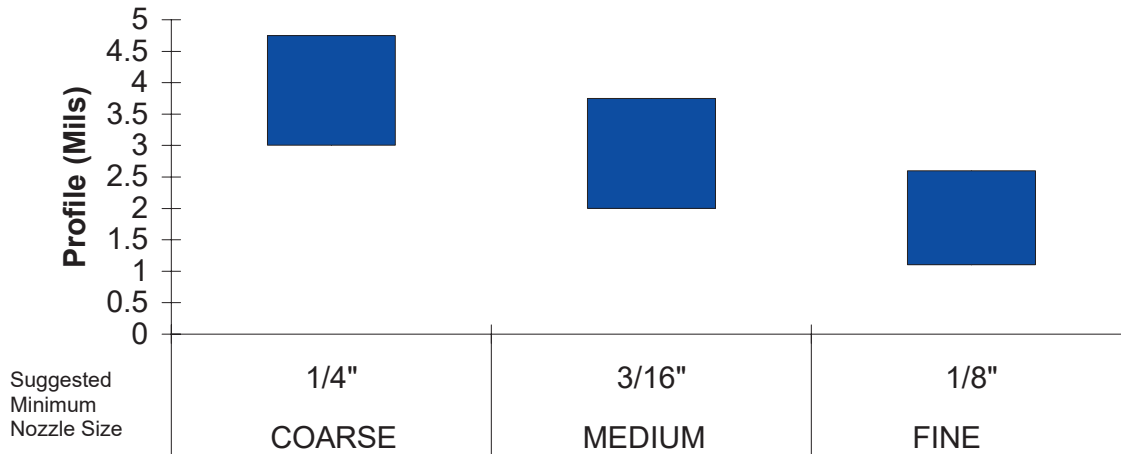
Abrasives & Sands
Inside Sales
Vic Thompson
734-782-2073 x *112
vic@flatrockbagging.com

Business Development
Mike Simonetti
734-782-2073 x *107
MikeSim@flatrockbagging.com

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. Flat Rock Bagging 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 **FLAT ROCK BAGGING**



**FLAT ROCK
 BAGGING**

**CUSTOMER SERVICE
 (734)782-2073**