



**FLAT ROCK
BAGGING**

CUSTOMER SERVICE

(734) 782-2073

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

Flat Rock Bagging

27938 Cooke St
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Sales Director

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Flat Rock Bagging

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616-433-2578

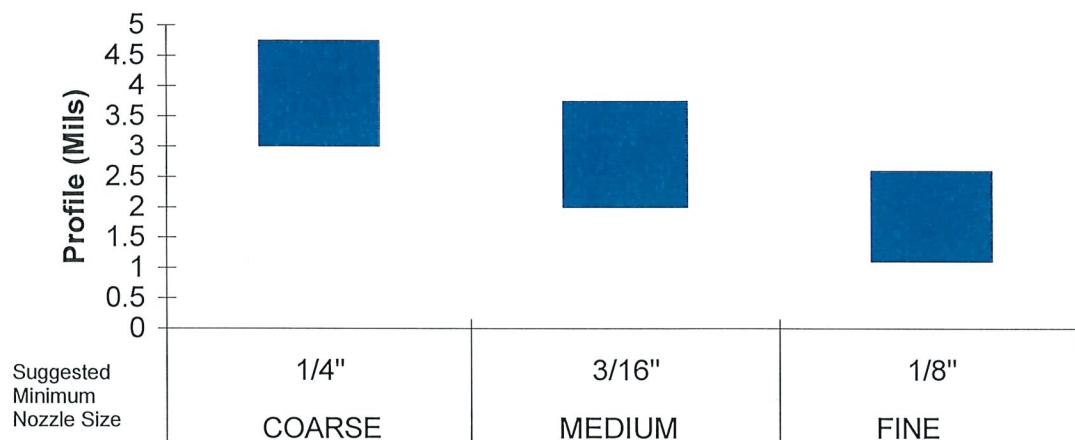
Inside Sales

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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



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