

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.

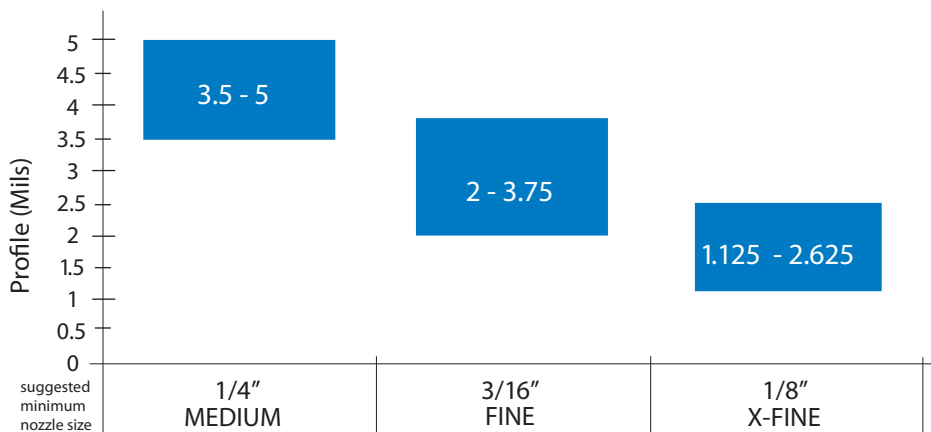


THE ORIGINAL
BLACK BEAUTY®

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.



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%

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)



THE ORIGINAL
BLACK BEAUTY®

Proven. Trusted. Reliable .
For nearly 80 years .