

BLACK BEAUTY® Abrasives

Product Specification Sheet

CUSTOMER
SERVICE

1-855-358-2850

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.



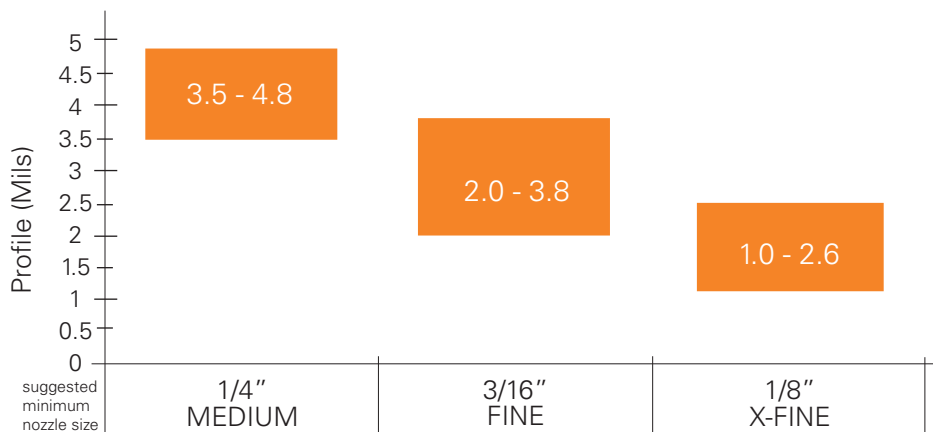
THE ORIGINAL
BLACK BEAUTY®

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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.



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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%



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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)

Distributed By:



1-855-358-2850

Proven. Trusted. Reliable.
For nearly 80 years.