Black Magic® Coal Slag

Quick cleaning Superior performance

40-60 Extra Fine

1-2 mil
1/8" Nozzle (min)

Surface cleaning

Removal of:
Light rust
Light coatings

Profile: Smooth

Industry Uses:
Automotive
Steel

Blast Result:
Brush off

30-60 Fine

1.5-2 mil
1/8" Nozzle (min)

Light Cleaning

Removal of:
Mill scale
Light coatings & rust

Profile: Slight

Industry Uses:
Automotive
Steel

Blast Result:
White Metal

20-40 Medium Fine

2-3 mil
3/16" Nozzle (min)

General Cleaning

Removal of:
Mill scale
Rust • Coatings

Profile: Moderate

Industry Uses:
New construction
Bridges • Tanks
Pipelines

Blast Result:
Near White to White Metal

16-40 Medium

3-4 mil
1/4" Nozzle (min)

General Cleaning

Removal of:
Medium to heavy coatings
Heavy mill scale & rust

Profile: Moderate - deep

Industry Uses:
Structural Steel
Bridges • Ships
Bridges

Blast Result:
Near White Metal
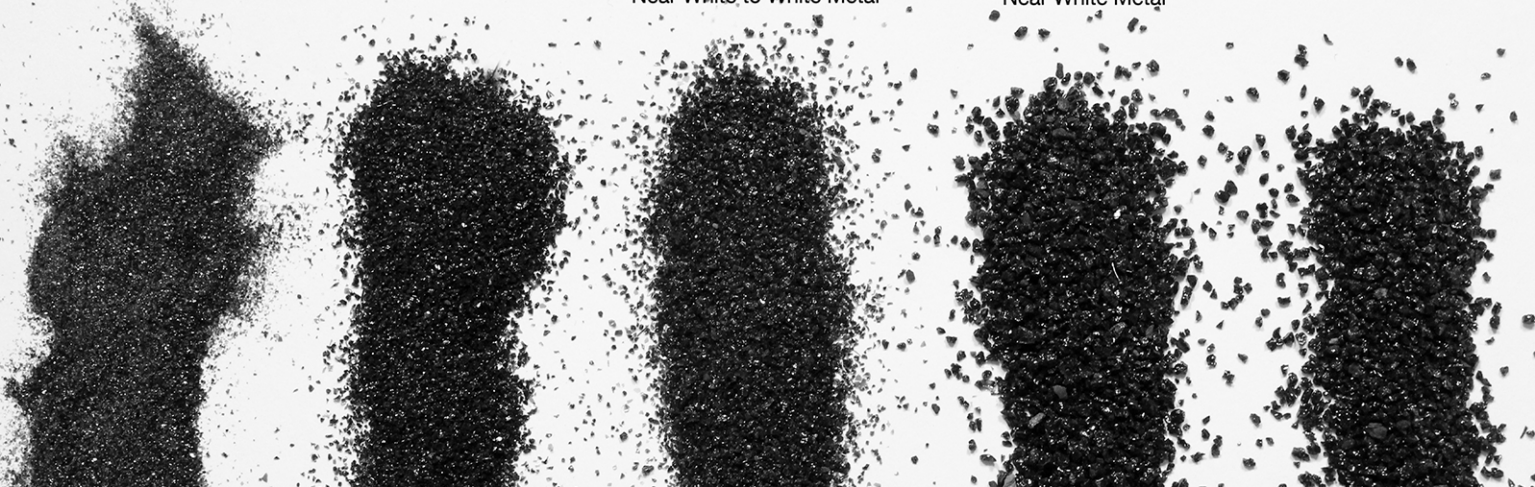
8-20 Coarse

4+ mil
5/16" Nozzle (min)

Heavy Cleaning

Removal of:
Heavy coatings & rust
Epoxy • Linings

Profile: Deep

Industry Uses:
Concrete • Ships
Water towers

Blast Result:
Commercial

Abrasives INCORPORATED

Manufactured & Distributed by:
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GLEN ULLIN, ND • FRIDLEY, MN • HOBBS, NM • ODESSA, TX

Black Magic® Coal Slag
Quick cleaning   Superior performance

Black Magic® coal slag is a recycled by-product of lignite coal-fired power plants. Our slag is created from a hotter source which creates a harder material and conforms to environmental standards. The extensive screening process we use to size our slag results in more consistently sized particles that are less likely to clog equipment.

Hard angular particles   Consistent weight & size   No heavy metals   Fast cleaning
Excellent profile for coating adhesion   Chemically inert   Hardness - 6.5-7.5 Mohs   <.2% free silica

AMPP AB1 Certified, CARB & U.S. Navy QPL Approved

Black Magic® users say it cleans faster, better and has less dust than other slag products.

Blast Media Additives

Dustnet® Liquid Dust Suppressant
Reduces up to 97% of nuisance dust and as much as 76% respirable dust during blasting. Proven effective with numerous abrasives.

Benefits:
Non-hazardous
No special disposal requirements
Settles dust closer to blast site
Doesn't affect coating cohesion

Blastox®
Stabilizes lead in various industrial paints and spent abrasive waste. Offers One Step Lead Abatement technology.

Benefits:
Waste classified as non-hazardous
Disposal in Class D landfill
Pre-blended with most media
Eliminates additional labor costs

Packaging
Jumbo Cells
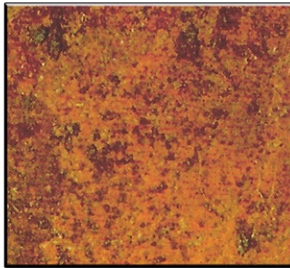(approx 3,800 lbs)
25, 50 & 80 lb bags

Delivery
Railcar • Pneumatic • Flatbed
End Dump • Hopper Bottom • LTL

Orders ship within 24 hours
Delivery in 48 hours
in most circumstances
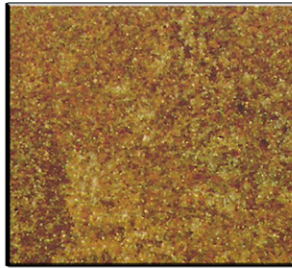
Blast Cleaned Surface Examples
Images are viewed without magnification

Uncleaned
Mill scale has flaked off and complete rusting has occurred

For the complete guide to surface cleanliness & standards, visit www.SSPC.org
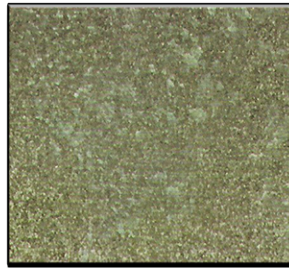
Brush-Off
SSPC-SP 7 · NACE No. 4
Free of all visible oil, grease, dirt, dust, loose mill scale, loose rust, and loose coating.

Tightly adherent mill scale, rust, and coating may remain on the surface (can't be removed by lifting with a dull putty knife after abrasive blast cleaning).

Commercial
SSPC-SP 6 · NACE No. 3
Free of all visible oil, grease, dirt, dust, mill scale, rust, coating, oxides, and corrosion products.

No more than 33% of random staining (light shadows, streaks, discoloration) caused by rust, mill scale or coating.

Near-White
SSPC-SP 10 · NACE No. 2
Free of all visible oil, grease, dirt, dust, mill scale, rust, coating, oxides, and corrosion products.

No more than 5% of random staining (light shadows, streaks, discoloration) caused by rust, mill scale or coating.

White
SSPC-SP 5 · NACE No. 1
Free of all visible oil, grease, dirt, dust, mill scale, rust, coating, oxides, and corrosion products

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