



BLACK DIAMOND IRON SILICATE: HIT HARDER, CLEAN FASTER

Black Diamond Iron Silicate Blast Abrasives get the job done – fast! This blast media is 20% heavier than other mineral slags, which gives it the muscle to cut 15% *faster* with 20% *less product consumption*. It's also EPA approved for beneficial reuse as an abrasive, so you can stretch your supply even further.

What's more, we have an immense amount of raw material – 43 million tons, to be precise – which means you can trust U.S. Minerals & TCR Blast Abrasives to provide the stable, reliable, long-term product source you need.

And with low dusting, extremely low free silica content and consistent gradation, Black Diamond delivers the outstanding performance you expect.

Need a product size not listed here? We can provide custom blends to meet any job requirement.

PRODUCT SIZES

12x40

HD Coatings Removal
Rust
3 to 5.5 mil profile
Very low dust

20x40

Coatings removal
Rust
Mill scale
2.5 to 4 mil profile
Very low dust

30x60

New Steel – Mill Scale
Light Coating Removal
Rust Bloom
2 to 3.5 mil profile
Very low dust
Lowest Consumption Rate
Fastest Production Rate

BLACK DIAMOND IRON – IRON SILICATE ABRASIVE ADVANTAGES:

- Less than 0.1% free silica
- Chemically inert
- Hard, angular pieces enhance Production rates & lowers Consumption rates
- 3.4 Specific Gravity – greater density – more cleaning efficiencies
- Very low friability means less fracturing or splintering – low dust levels
- Consistent uniform weight and gradation ensures no clogging – consistent profile
- Low trace heavy metals, passes TCLP analysis (40 CFR 261.24)
- Approved by California Air Resources Board (CARB) (Select Facilities)
- Meets SSPC AB-1 Mineral & Slag Abrasive Standards
- Licensed Blastox Blender (select facilities)
- Available in Bulk, 4000 & 3000 lb Bulk Bags, 100 and 50 lb bags
- ***Distributed by TCR Blast Abrasives 314-241-5333***