



Green Diamond vs. Copper Slag

Green Diamond Performance Materials delivers the most cost-effective, best profiling, consistent and environmentally friendly blast cleaning abrasives in the industry.

Total Cost: Cleaning rate, material cost and an optimized flow rate, dictate the total cost of blast abrasive cleaning and surface preparation. Superior cleaning rates and low material costs make Green Diamond Abrasives the most cost-effective in the industry.

Cost and Efficiency of Green Diamond Abrasives vs. Copper Slag

	Medium	Fine
Cleaning Rate GDPM	↑ 9%	↑ 6%
Total Cost GDPM	↓ 7%	↓ 1%

Independent testing reveals that Copper Slag has a higher total cost and lower cleaning rate compared to Green Diamond Performance Materials' abrasives when blasting to an SP-5 white metal surface on SSPC Grade B new steel at 100 psi, measured at the nozzle, and optimized flow-rate for each abrasive's bulk density. These results are reported as percentages relative to the measured performance of Green Diamond Abrasives. Delivered costs of material will vary based on packaging, location and quantity. Individual results may vary.

Cleanliness: Copper slag is notoriously dusty



Density Disparity: Because Green Diamond is 25% less dense than copper slag, yet optimizes at nearly the same flow rate, you get 25% more abrasive per truck load which means you get 25% blasting done.

Source: In today's market, many companies are forced to blend, cut and dilute their abrasives to remain competitive. Copper slag is often comprised of materials from various sources of variable quality resulting heterogeneous products.

Green Diamond is

- More cost-effective
- Cleaner
- Controlled profile
- Up to 25% more blasting
- Homogeneous and predictable
- No respirable free silica
- Sourced from single source in the USA
- Outstanding customer service

Green Diamond Performance Materials

500 E. 6th Ave. Riddle, OR 97469 | +1 (541) 580 – 4142 | www.greendiamondsand.com