



Blasting with Ebony Grit

<i>Finishing</i>	<i>Cleaning /Removal</i>	<i>Peening</i>	<i>Surface Profile (Etch)</i>	<i>Working Speed</i>	<i>Recyclability</i>	<i>Probability of Metal Removal</i>	<i>Hardness MOH Scale</i>	<i>Bulk Density (lb/cu ft)</i>	<i>Mesh Size</i>	<i>Typical Blast Pressure</i>	<i>Shape</i>
Yes	Yes	No	Yes	M-High	Low	High	7	135	12-20	40-90	◇

Ebonygrit is produced from metallurgical slags and provides fast blast cleaning rates. Three grades are available to suit most common blasting operations. The hardness and high density of EbonyGrit gives it a high resistance to fracture with low dust formation during blasting as well as faster blast production rates when compared to local slag abrasives. This abrasive is commonly used for restoration of heavily painted steel bridges, ships and water towers.

Ebonygrit is a disposable high-density blasting slag made from a by-product of copper production.

Typically it is composed of ferrosilicate (Fayalite, Fe<sub>2</sub>SiO<sub>4</sub>) material and oxides, formed when the molten slag is quenched in cold water. This cooling process fractures the slag into coarse and angular particles, making it an ideal blasting slag with optimal blasting properties.



**ADVANTAGES OF EBONYGRIT – COPPER SLAG**

Due to high density, Ebony Grit distinguishes from light weight blasting slag.

- o Very high cleaning speed
- o Very low dust level
- o Lower abrasive consumption
- o Crystalline silica levels are less than 1%

Size

Profile

<b>#EG 12</b> - provides 3.5-5.0 Mil profile	Heavy-duty size for the removal of thick, tough old paint, heavy rust from ships, bridges, tanks, rail cars, etc., and for achieving a coarse profile
<b>#EG 14</b> - provides 2.8-4.0 Mil profile	All-Purpose size for cleaning structural steel, bridges, tanks, ships, water towers, etc.
<b>#EG 20</b> - provides 1.5-3.0 Mil profile	Utility size for the removal of light rust, paint and mill scale