

The GMA Garnet™ Advantage



GMA is the trusted global leader in industrial garnet. For over 35 years, GMA has been providing the highest quality garnet to the protective coating industries. Our blasting range ensures higher productivity, superior surface finish, cost effectiveness and it is safe. GMA is approved by leading corrosion companies, manufacturers, major oil companies, shipyards and fabricators worldwide.

GMA provides a uniform, superior surface finish because in a bag of GMA Garnet, it contains up to 98% garnet particles, whereas a bag of slag abrasives usually contain higher dust contaminants and other compound that affects surface embedment.

Garnet is also harder than slag. GMA Garnet has an Mohs of 7-8, whereas slag abrasives only have an Mohs of 6-7. Hence, GMA cleans faster than slag due to its superior hardness and weight that cleans the surface with greater efficiency.

OVERVIEW

	GMA Garnet™	Slags
Consumption in kg/hr	200	500
Purchase price EUR / MT	490	90
Disposal costs EUR / MT	120	120
Labour EUR / hr	50	50
Equipment EUR / hr	15	15
Blast cleaning speed m ² /hr	15	10



Higher productivity

Superior cleaning rate against other abrasives.



Superior Surface Finish

Exceptionally clean surface & uniform profile.



Cost Effective

Lower garnet consumption, labour, clean up & disposal cost.



Safer

Meets all industry, government safety and environmental standards.



How do I calculate my exact costs per blasted sqm?

$$\frac{\left(\text{consumption in tonnes} \times \left(\text{abrasive costs} + \text{disposal costs} \right) \text{labour costs} + \text{equipment costs} \right)}{\text{blast cleaning speed}} = \text{€ / m}^2$$

Sample comparison between common slag abrasives and GMA Garnet™:

Blasting with slag abrasive cost around 90,00 €/MT. A 200 liter blast pot would last around 20-30 minutes (approx. 500 kg per hour) can achieve a blast rate of 10 sq²/hr. Hence, the cost to blast with cost around 17,00 €/m².

However, when blast with GMA Garnet abrasive, a 200 liter blast pot with garnet abrasive can lasts around 1 hour. You can achieve a blast rate of at least 15 m²/hr. The cost to blast with garnet only cost around 12,46 €/m².

$$\text{Total costs} = \frac{(0.5 \times (90 + 120) + 50 + 15)}{10} = 17,00 \text{ € / m}^2$$

$$\text{Total costs} = \frac{(0.2 \times (490 + 120) + 50 + 15)}{15} = 12,46 \text{ € / m}^2$$

Our dedicated sales team stands ready to assist customers to select the best garnet abrasive to meet your unique project specifications. Discover our full range of GMA Garnet™ abrasives for your surface preparation applications today!



Secure Supply



Consistent Quality



Technical Expertise



Customer Focus



Abrasive Blasting



Waterjet Cutting



Recycling

For more information, write to:
info.eu@gmagarnet.de or visit gmagarnet.com

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