GMA GARNET™ BLAST ABRASIVE PRODUCT LINE

Selecting the right abrasive for your project.

engineered to perform



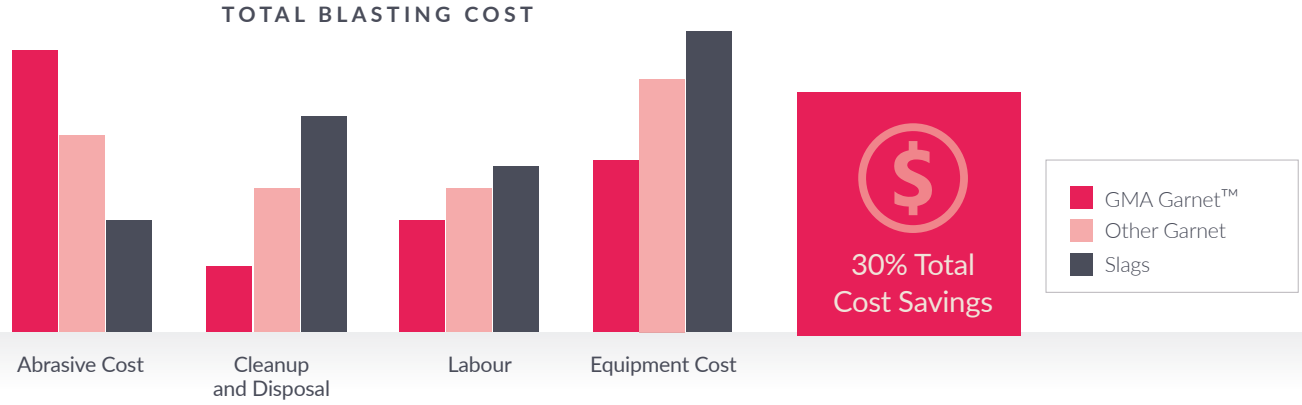
GMA's Technical Experts can help reduce overall project costs by 15-30%*

Our dedicated sales and technical specialists provide expertise in selecting the best products, industry know-how and resources to help solve coating removal and surface preparation problems.

The information and claims stated are provided as a general purpose guide. Abrasive, labor, clean up, equipment and disposal costs vary from project to project. Actual project and productivity cost results could be materially different from projected results expressed or implied.

Reduce Overall Project Costs

GMA Garnet™ results in higher productivity and lower abrasive consumption, despite the higher initial product cost compared to slags. With GMA Garnet™, you can **save 15% to 30% on a typical project** due to lower cleanup, abrasive consumption and equipment costs, and reduced labour and blasting time. This makes GMA Garnet™ far more effective and efficient than other abrasives in the market.



Although typical slag abrasives and other garnets usually cost less per tonne, these are often inferior in quality and performance, resulting in lower productivity and higher consumption. In fact, more abrasive is needed to complete a project. This dramatically increases your cleanup, disposal, labour and equipment costs and ultimately, increases your total project costs.

Higher productivity

Superior cleaning rate against other abrasives.

Cost Effective

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

Superior Surface Finish

Exceptionally clean surface and uniform profile.

Safer

Meets all industry, government safety and environmental standards.

The GMA Garnet™ Advantage

GMA Garnet™ is a strong natural mineral that outperforms other abrasives when used in conjunction with the recommended equipment and air pressure. Due to GMA Garnet™ superiority strength in Hardness, Toughness (low friability), Density and Angularity, our products perform efficiently when blasted. This results in higher productivity, ower consumption, minimal dust, and a cleaner, uniform surface finish, ready for coating.



1 Hardness

GMA Garnet™ has a higher relative resistance to abrade a surface compared to other abrasives.

2 Toughness

To remove surface coatings effectively, an abrasive must be tough enough to resist fracturing on impact.

3 Density

GMA's denser abrasive grain outperforms a less dense abrasive. GMA Garnet™ grains impart more energy creating a deeper, consistent anchor profile when blasted at the same pressure.

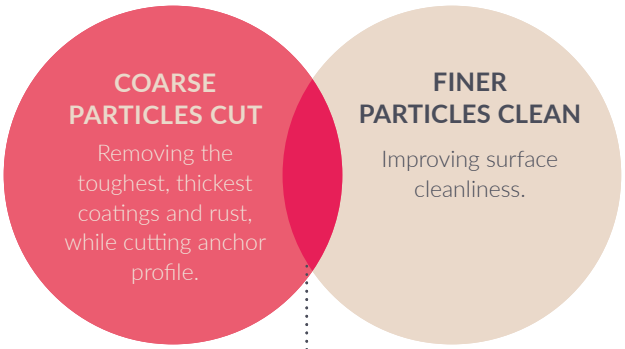
4 Angularity

Angular grains produce a sharper anchor profile, whilst rounded grains produce a more even, smooth profile. The sub angular shape of GMA Garnet™ grains offer the perfect balance of efficient cutting while minimising embedment.

Multi-Dimensional Engineered Blends

Typical blasting abrasive media is generally one-dimensional, consisting of either concentrated coarse particles or concentrated finer particles.

Having a wider particle size distribution from GMA Engineered Blends helps optimize blasting performance as they are formulated to 'cut & clean' faster than traditional one dimensional abrasive products. Coarser particles effectively 'cut' through the coating and generate the required profile depth, while finer particles 'clean' the anchor profile and improve the efficiency of the blasting process.





Our Abrasive Blast Product Line

Selecting the right abrasive for your project specifications can be a difficult task. We have a full range of garnet abrasives for any surface preparation requirement from removing resistant coatings and heavy rust to efficiently developing profile on mill scale.

GMA PRODUCT SELECTOR



SELECTING THE RIGHT GARNET FOR THE JOB

Product and Features	Surface Profile	Blasting Rates	Consumption Rate	Industry Application
ExtremeBlast™ Your Coarsest Grade Engineered Blend for Extreme Jobs				
High performance abrasive for heavy industrial maintenance. Effective removal of specialized high build coatings (such as TSA and coal tar enamel coatings) of 750+ microns. LIMITED RELEASE. MADE TO ORDER.	85 - 115 µm	18.5 - 33 m^2/hr	12 - 18 kg/m^2	Oil & Gas (Onshore/Offshore), Shipyards, Bridges, Military, Tank chemical liners
	Alluvial Content		Crushed Content	
ToughBlast™ Your Engineered Blend for Tough Coating Removal Jobs				
Medium to heavy industrial maintenance: 2 to 3 coating systems and thick rigid coatings.	75 - 105 µm	20 - 35 m^2/hr	11 - 17 kg/m^2	Oil & Gas (Onshore/Offshore), Shipyards, Bridges, Military, Tank Chemical Liners.
	Alluvial Content		Crushed Content	
PremiumBlast™ Your Versatile Maintenance Grade Abrasive				
Removal of medium coatings and/or medium rust.	55 - 85 µm	18 - 32 m^2/hr	12 - 18 kg/m^2	Oil & Gas (Onshore/Offshore), Refinery, Water Storage, Tank Farms, Energy Generation, Pipelines
	Alluvial Content		Crushed Content	
SpeedBlast™ Your Fast Cleaning General Purpose Abrasive				
Efficient general industrial maintenance/light coatings and new construction abrasive.	45 - 75 µm	22 - 55 m^2/hr	8.5 - 14.5 kg/m^2	Refinery, Water Storage, Tank Farms, Energy Generation, Pipelines
	Alluvial Content		Crushed Content	
NewSteel™ Your Abrasive for New Build Jobs				
Unrivalled speed in removing mill scale, and light rust for new construction projects.	40 - 65 µm	23 - 39 m^2/hr	7.5 - 13 kg/m^2	New Builds/New Construction - Refineries, Pipelines, Structural Steel
	Alluvial Content		Crushed Content	

Blasting rates and consumption are based on millscale removal at 100 psi. Actual performance and consumption can vary due to several factors such as nozzle pressure, equipment setup and operator technique. Results may differ. GMA recommends trials to confirm optimum performance for specific applications.



ENGINEERED
TO PERFORM

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