GMA GARNET™
BLAST ABRASIVE
PRODUCT LINE

Selecting the right abrasive for your project.

engineered to perform

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™ inherent strength in Hardness, Toughness (low friability), Density and Angularity, our products perform efficiently when blasted. This results in higher productivity, 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 heavier, denser abrasive grain outperforms a less dense abrasive. GMA Garnet™ grains create 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.
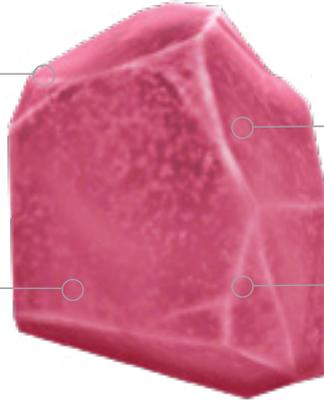
Multi-Dimensional Engineered Blends

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.

COARSE PARTICLES CUT
Removing the toughest, thickest coatings and rust.

FINER PARTICLES CLEAN
Improving surface cleanliness and anchor profile.
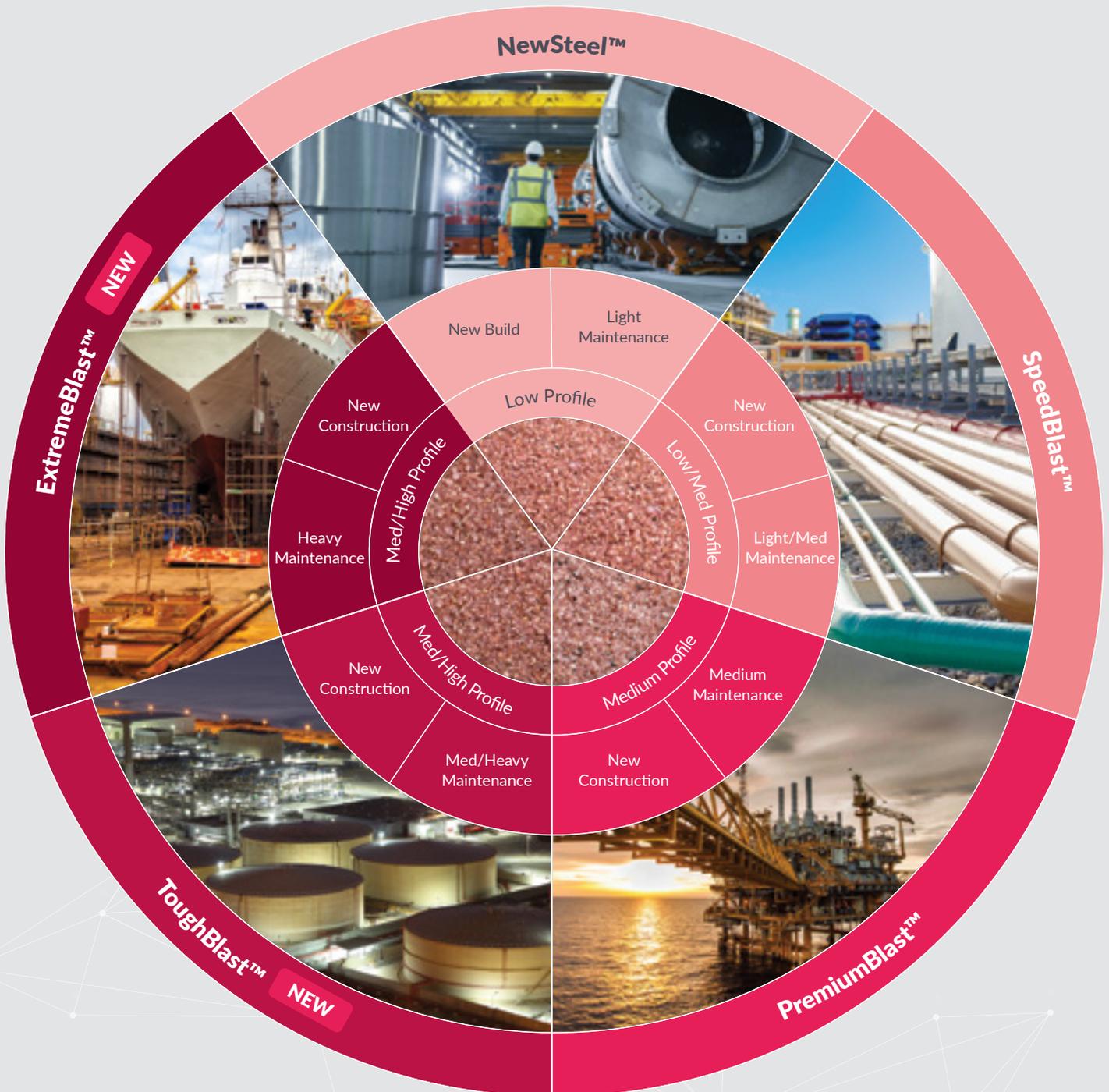
GMA ENGINEERED BLEND
GMA Garnet™ is formulated to effectively cut through coatings and efficiently clean the surface.

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 polishing glass and delicate restoration work.

GMA PRODUCT SELECTOR

NewSteel™

ExtremeBlast™ NEW

SpeedBlast™

ToughBlast™ NEW

PremiumBlast™

New Build

Light Maintenance

Low Profile

New Construction

Low/Med Profile

New Construction

Heavy Maintenance

Med/High Profile

Light/Med Maintenance

New Construction

Med/High Profile

Medium Profile

Medium Maintenance

Med/Heavy Maintenance

New Construction

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** **NEW**				
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.	90 - 110 μm	Up to 28 m²/hr	As low as 16 kg/m²	Oil & Gas (Onshore/Offshore), Shipyards, Bridges, Military, Tank chemical liners
ToughBlast™ **Your Engineered Blend for Tough Coating Removal Jobs** **NEW**				
Medium to heavy industrial maintenance: 2 to 3 coating systems and thick rigid coatings.	70 - 90 μm	Up to 30 m²/hr	As low as 16 kg/m²	Oil & Gas (Onshore/Offshore), Shipyards, Bridges, Military, Tank Chemical Liners.
PremiumBlast™ **Your Versatile Maintenance Grade Abrasive**				
Removal of medium coatings and/or medium rust.	55 - 75 μm	Up to 20 m²/hr	As low as 19 kg/m²	Refinery, Water Storage, Tank Farms, Energy Generation, Pipelines
SpeedBlast™ **Your Fast Cleaning General Purpose Abrasive**				
Efficient general industrial maintenance/light coatings and new construction abrasive.	50 - 65 μm	Up to 25 m²/hr	As low as 10 kg/m²	Refinery, Water Storage, Tank Farms, Energy Generation, Pipelines
NewSteel™ **Your Abrasive for New Build Jobs**				
Unrivalled speed in removing mill scale, and light rust for new construction projects.	40 - 60 μm	Up to 35 m²/hr	As low as 7 kg/m²	New Builds/New Construction - Oil & Gas, Refineries, Pipelines, Structural Steel

Blasting rates are based on millscale removal and surface preparation. The information and performance data stated are provided as a general purpose guide. Abrasive blasting rates and consumption vary from project to project. Actual project and productivity results could be materially different from projected results expressed or implied.

GMA's Technical Experts can help reduce overall project costs by 15-30%*
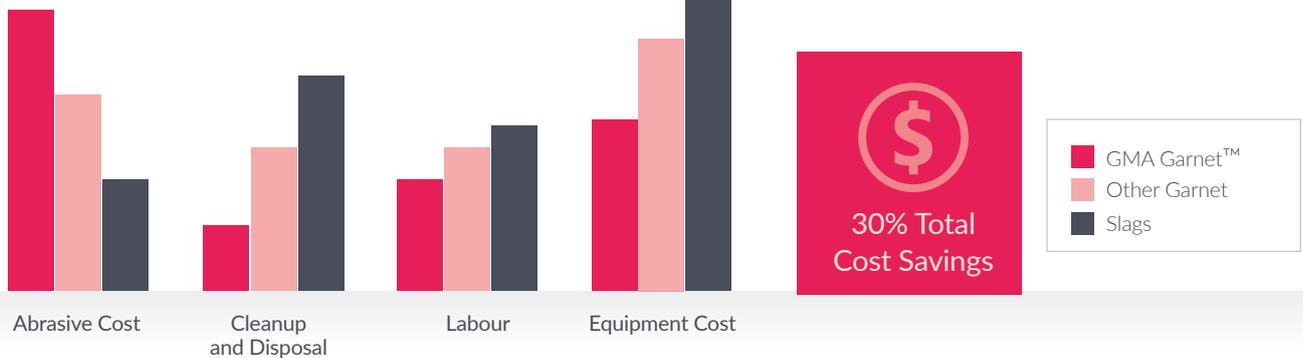
Our dedicated sales, technical and application specialists provide expertise in selecting the best products, industry know-how and resources to help solve coating removal and surface preparation problems.

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 and equipment costs, and reduced labour and blasting time. This makes GMA Garnet™ far more effective and efficient than other abrasives in the market.

TOTAL BLASTING COST

Abrasive Cost   Cleanup and Disposal   Labour   Equipment Cost

30% Total Cost Savings

- GMA Garnet™
- Other Garnet
- Slags

Although the typical slag abrasives and other garnets cost lower per tonne, these are often inferior in quality and performance, resulting in lower productivity at a higher consumption rate. 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.

engineered
to perform