

# GMA GARNET

PROVEN TO SAVE YOU MONEY AND FINISH THE JOB FASTER



## GMA Garnet | Saves you time and money

Garnet blasting media is the abrasive of choice for professional blasting contractors. Contractors who use garnet correctly, and use the right type of garnet, are making more money and lowering their costs, project after project.

### FEATURES

- GMA Garnet saves you money
- GMA Garnet finishes the job early
- GMA guaranteed purity and performance

# GMA GARNET IS PROVEN TO SAVE YOU MONEY

## EXPOSE THE STEAL

You're adding profits to your business' bottom line by using a cleaner, more productive and more efficient blasting abrasive.

Just as oils ain't oils, abrasives ain't abrasives. Cleanness, grading and sizing are all factors that can make a major difference to the efficiency of an abrasive blasting media. Research clearly shows that GMA Garnet is different.

Its guaranteed purity and scientifically engineered blend of particle sizes makes GMA Garnet an abrasive blasting media that is more efficient and saves you money.



Indian garnet



GMA Garnet

### Do the 'shake test' to check the cleanliness of your current abrasive.

The photos (above) illustrate the results of shaking GMA Garnet and Indian Garnet in water together to separate the heavier abrasive from the lightweight contaminants which float in the water.

- Contaminated abrasive leaves a dirty surface, limiting coating life.
- Poorly graded abrasive slows productivity.

## GUARANTEED PURITY



Blasting with a dusty abrasive



Actual blasting with GMA Garnet

### Scientific testing proves GMA Garnet is cleaner to use, and its guaranteed purity will extend your coating life.

In independent laboratory testing, GMA Garnet has been found to contain no unwanted inclusions such as shells, dirt, seaweed or other contaminants – unlike other abrasives. This means that dust clouds are virtually eliminated during blasting.

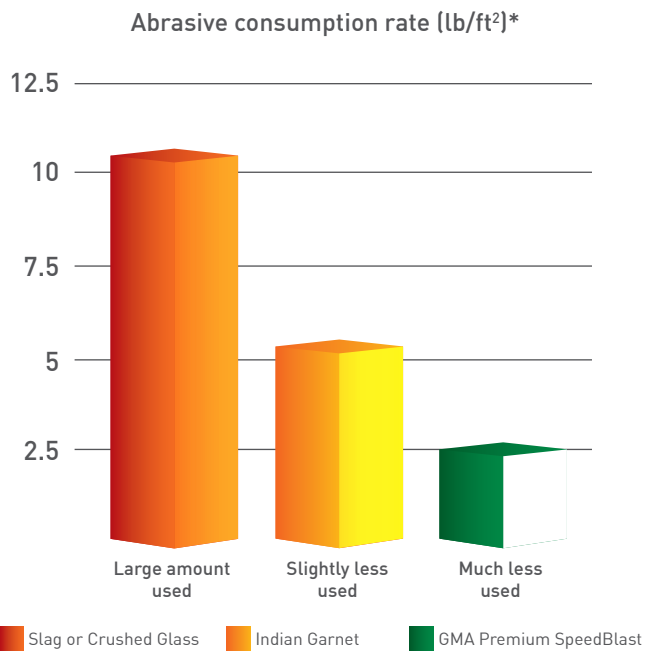
# IS YOUR ABRASIVE INCREASING YOUR PROFITS?

Scientific testing proves you need less GMA Garnet to get the same result.

Abrasive blasting relies on impact to remove unwanted material. More impacts = higher production.

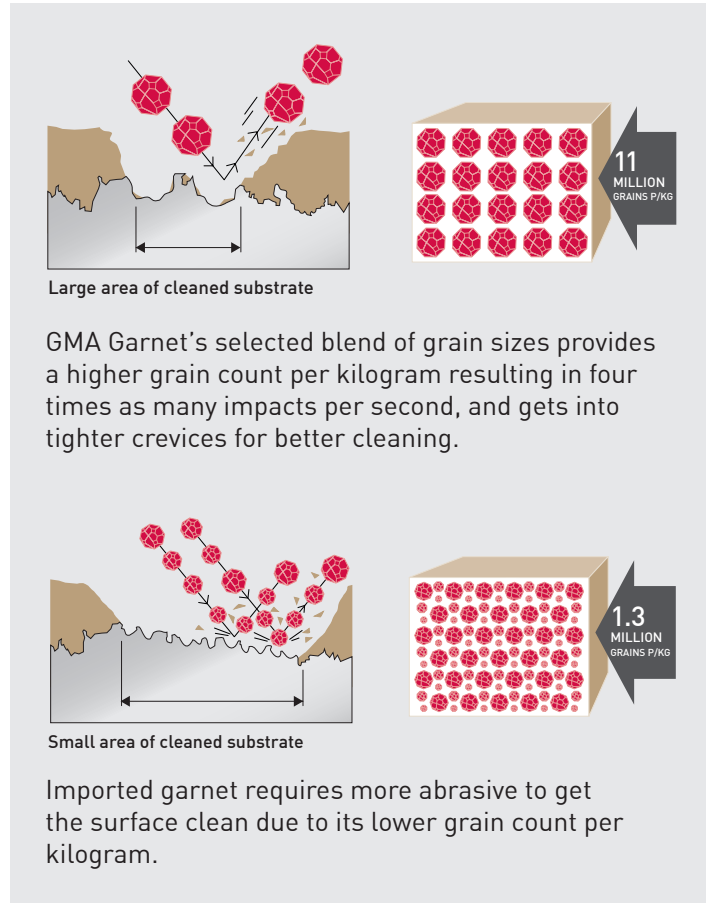
GMA Garnet has a unique blend of particle sizes which guarantees you more grains per pound. The end result is you use significantly less abrasive to do the same job when compared with Indian Garnet.

## ABRASIVE CONSUMPTION COMPARISON



This table shows the substantial abrasive consumption savings you can realize by using GMA Garnet.

\*Performance and consumption rates may vary based on nozzle size, pressure at the nozzle, standoff distance, abrasive metering, equipment quality, surface type, coating type and thickness.



**Large area of cleaned substrate**  
11 MILLION GRAINS P/KG

**Small area of cleaned substrate**  
1.3 MILLION GRAINS P/KG

GMA Garnet's selected blend of grain sizes provides a higher grain count per kilogram resulting in four times as many impacts per second, and gets into tighter crevices for better cleaning.

Imported garnet requires more abrasive to get the surface clean due to its lower grain count per kilogram.



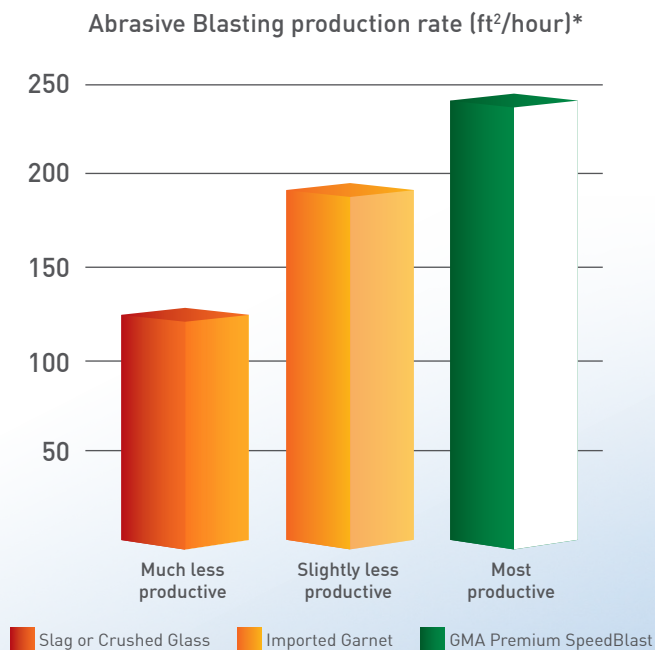
This sugar mill collapsed due to advanced corrosion. Long-term corrosion protection is only possible with optimum surface preparation.

# FINISH THE JOB FASTER SPECIFYING GMA GARNET WILL SAVE YOU MONEY!

Cleanliness, grading and sizing are all factors that can make a major difference to the efficiency of your blasting media.

It has been scientifically proven that poorly graded abrasive slows down productivity. GMA Garnet's carefully engineered blend of particle sizes produces an abrasive blasting media that is much more efficient and delivers lasting results.

## ABRASIVE PRODUCTION RATE COMPARISON



Extensive testing has proven that the best productivity and economy comes from using the finest grade of abrasive practical for the project. More grains of smaller size are much more efficient.

**Indian garnet requires more abrasive to get the surface clean due to its lower grain count per pound.**

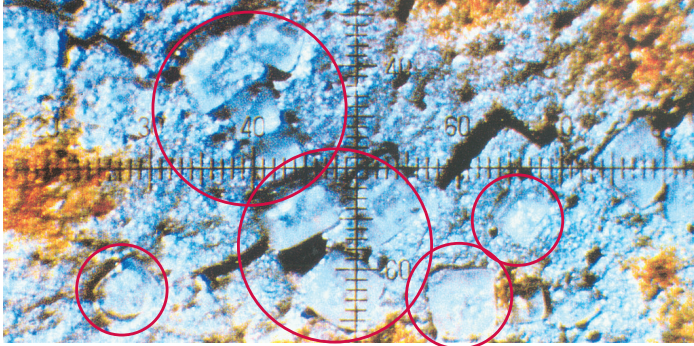
GMA's selected blend of grain sizes provides a higher grain count per pound resulting in four times as many impacts per second, and gets into tighter crevices for better cleaning\*\*.

\*Performance and consumption rates may vary based on nozzle size, pressure at the nozzle, standoff distance, abrasive metering, equipment quality, surface type, coating type and thickness.

\*\*Source: Independently monitored tests conducted in Adelaide, SA and Rockingham, WA.



# GMA AUSTRALIAN GARNET GUARANTEED PURITY AND BETTER PERFORMANCE



Magnified image of a salt-contaminated substrate underneath a failed coating caused by a salty abrasive. Circled areas indicate embedded salt crystals.

One of the most common causes of premature coating failure is chloride (salt) contamination of the substrate prior to painting.

A cleaner abrasive, with less salt and other contaminants, will mean your coating will last longer, saving you time and money at every step of the stripping and finishing process.



GMA Garnet is mined and strictly laboratory tested to ensure consistent quality.

Unlike many other garnet abrasives, GMA Garnet complies with ISO Standard 11126-10. The ISO Standard specifies that the soluble chloride content is to be a maximum of 25 parts per million (ppm).

GMA Premium SpeedBlast Garnet is guaranteed to contain less than 15ppm of soluble chlorides. Some other garnet abrasives have tested at up to 412ppm! As well as GMA's ISO compliance and guaranteed purity you get a higher-performance abrasive.

## SOME IMPORTANT FACTS

- GMA Garnet is laboratory tested and guaranteed.
- GMA's ISO compliance and guaranteed purity gives you better surface preparation every time for a longer lasting result.
- Compared with other garnet, GMA Garnet requires less abrasive to get the surface clean due to its higher grain count per pound.
- GMA's unique geology means it gets the job done faster.

# GMA GARNET™\* BLASTING ABRASIVES



## GMA ExtremeBlast™\*

Our coarsest grade for the toughest jobs

### PERFORMANCE

Removal of exceptionally resistant specialist coatings, heavy liners and marine foulings. Ideal on high build coatings of 30+ mils.

- Uniform surface profile of 3.5-4.5 mil (90-115 µm) with exceptionally clean surface, enabling remarkable bonding of specialist coatings.
- Blasting rates: Up to 260 ft<sup>2</sup>/hr (24 m<sup>2</sup>/hr).
- Consumption rate: As low as 2 lb/ft<sup>2</sup> (10 kg/m<sup>2</sup>)

### APPLICATION

Ideal for TSA preparation, coatings for extreme conditions, preparing critical components. Removal of high build coatings, pliable and flexible coatings including coal tar, inner liners and some marine coatings. Offshore platform decking, tanks, piping, pressure vessels, ship hulls and ballast tanks.

## GMA ToughBlast™\*

Our engineered blend for superior cleaning on tough jobs

### PERFORMANCE

Fast removal of high build up coatings and/or heavy rust.

- Uniform surface profile from 3.0-4 mil (75-100 µm) with ideal surface cleanliness for unmatched adhesion
- Blasting rates: Up to 360 ft<sup>2</sup>/hr (33 m<sup>2</sup>/hr).
- Consumption rate: As low as 1.5 lb/ft<sup>2</sup> (7.32 kg/m<sup>2</sup>).

### APPLICATION

High performance 'all-around' garnet abrasive. Heavy industrial maintenance. Great on 2 coat systems, 3 coat systems and heavy mil (thick) rigid coatings. Offshore platform decking, tanks, piping, pressure vessels, ship hulls and ballast tanks. Water/waste treatment plants, water towers.

## GMA PremiumBlast™\*

Our versatile maintenance grade abrasive

### PERFORMANCE

Removal of medium coatings and/or medium-to-heavy rust.

- Efficiently produces surface profile from 3.0-3.75 mil (75-95 µm) with exceptionally clean surface, enabling ideal preparation for most industrial coatings.
- Blasting rates: Up to 340 ft<sup>2</sup>/hr (32 m<sup>2</sup>/hr).
- Consumption rate: 1.5-3.0 lb/ft<sup>2</sup> (7.32-14.65 kg/m<sup>2</sup>).

### APPLICATION

'All-around' garnet abrasive. General industrial maintenance. Construction and maintenance of commercial buildings, chemical plants, power stations, mining and processing equipment, gas and sewerage plants, desalination and industrial plants. Tanks, piping, pressure vessels, ship hulls, ballast tanks and offshore platform decking.

## GMA SpeedBlast™\*

Our versatile maintenance grade abrasive

### PERFORMANCE

Removal of light-medium coatings and rust.

- Efficiently produces surface profile from 2-3 mil (50-75 µm) with exceptionally clean surface, enabling ideal preparation for most industrial coatings.
- Blasting rates: Up to 360 ft<sup>2</sup>/hr (33 m<sup>2</sup>/hr).
- Consumption rate: As low as 1.5 lb/ft<sup>2</sup> (7.32 kg/m<sup>2</sup>).

### APPLICATION

General industrial maintenance. Construction and maintenance of commercial buildings, chemical plants, power stations, mining and processing equipment, gas and sewerage plants, desalination and industrial plants. Tanks, piping, pressure vessels, ship hulls, ballast tanks and offshore platform decking.

## GMA NewSteel™\*

Our ideal abrasive for new steel, lightly rusted surfaces and thin coatings

### PERFORMANCE

Unrivaled speed in removing mill scale.

- Produces surface profile from 1.5-2.5 mil (40-65µm) with exceptionally clean surface, enabling ideal preparation for initial coating application.
- Blasting rates: Up to 400 ft<sup>2</sup>/hr (37m<sup>2</sup>/hr).
- Consumption rate: As low as 1.3 lb/ft<sup>2</sup> (6.34 kg/m<sup>2</sup>).

### APPLICATION

New construction; removal of light rust or mill scale on new steel. Removal and preparation for powder coating. Tanks, piping, pressure vessels, ship hulls, ballast tank and offshore platform decking.

## GMA PrecisionBlast™\*

Our ideal abrasive for fast gentle cleaning on precision equipment and vulnerable surfaces

### PERFORMANCE

Removal of mill scale, glass etching and surface preparation of stainless steel, aluminum and titanium.

- Produces surface profile of 1.0-2.0 mil (25-50µm) or less.
- Blasting rates: Up to 330 ft<sup>2</sup>/hr (31m<sup>2</sup>/hr).
- Consumption rate: As low as 1 lb/ft<sup>2</sup> (4.88 kg/m<sup>2</sup>).

### APPLICATION

Preparing ferrous and non-ferrous metals and easily damaged or deformed substrates. Cleaning precision equipment like gauges, turbines, propellers, valve bodies, threads (valves, bolts, pipes). Weld seam inspection. Efficient alternative to hand tooling. Glass, fiberglass, plastics, softer metals, automobile, fire restoration and graffiti removal.

## GMA SoftBlast™\*

Our softest product, enabling cleaning and polishing of the most delicate surfaces

### PERFORMANCE

Extremely delicate blasting, cleaning and polishing.

- Produces surface profile of 0.5-1.0 mil (12-25µm) or less.
- Blasting rates : Up to 300 ft<sup>2</sup>/hr (28m<sup>2</sup>/hr).
- Consumption rate : As low as 0.75 lb/ft<sup>2</sup>. (3.66 kg/m<sup>2</sup>).

### APPLICATION

Preparing softer metals, polishing and lapidary. Providing exceptional cleaning for extreme adhesion requirements as well as cleaning heavily pitted surfaces. The cleaning and restoration of historical landmarks, bricks, stones and sensitive substrates. Automotive, marine, and antique restoration. Log and old wood home restoration. Graffiti removal.

\*Performance and consumption rates may vary based on nozzle size, pressure at the nozzle, standoff distance, abrasive metering, equipment quality, surface type, coating type and thickness.

**DISCLAIMER:** The performance characteristics provided in this brochure only serves as a guide and that the results can vary widely on every project. Let BlastOne assist you on using the right abrasive and the right equipment for every project.

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