



Engineered Blend for the Toughest Coating Removal Jobs

GMA's ToughBlast™ is our most diverse blend of garnet engineered for the toughest coating removal jobs, up to 30 mil.

The unique blend of both alluvial and hard rock garnet removes resilient industrial coatings, and the durability of our sub-angular alluvial garnet helps sweep off remaining surface contaminants.

It produces an unmatched coating adhesion for industrial maintenance projects in shipyards, petrochemical plants, tank farms (exteriors and interior liners), rail car facilities, water towers, water treatment plants and and general maintenance.

GMA ToughBlast™

ANGULAR

SUB-ANGULAR

Hard rock garnet

Coarse and sharp properties of hard rock garnet cut through the toughest, thickest coatings.

Alluvial garnet

Provides superior cleaning for optimal surface preparation and enhanced blast performance.

GMA ToughBlast™

GMA product is designed to clean faster at the lowest possible consumption rate.

Performance*

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

- Uniform surface profile: 75 - 100 µm
- Blasting rates: Up to 30 m²/hr
- Consumption rates: As low as 10 - 15 kg/m²

Application

- High performance 'all-around' garnet abrasive
- Heavy rust and pitted surfaces
- Tank maintenance - 2 coat, 3 coat systems and thick mil coatings
- Industrial maintenance on pipes, tanks, pressure vessels and offshore platforms.

**Higher productivity**

Superior cleaning rate against other abrasives.

**Superior Surface Finish**

Exceptionally clean surface and uniform profile.

**Cost Effective**

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

**Safer**

Meets all industry, government safety and environmental standards.



Major Industries

- Refineries
- Railcars
- Water towers
- Shipyards maintenance and repair
- Water and wastewater treatment
- Onshore/onshore platforms

CASE STUDY

Shipyard saves 70% in abrasive consumption with shift to GMA ToughBlast™

A shipyard in New York harbor recently switched from using slag abrasives to GMA ToughBlast™ garnet. Results showed an impressive increase in efficiency from each blaster covering 111m² (1200ft²) per night using slag abrasives to between 139 to 185m² (1500-2000ft²) per night using garnet abrasives.

The customer blasted two steel ocean barges with GMA ToughBlast™ and achieved a significant savings up to 70% in abrasive consumption. The reduced consumption rate also resulted in less downtime required to refill the blasting pots. Furthermore, the customer was able to take advantage of GMA Garnet™ Recovery Program to eliminate the freight costs required to dispose used slag abrasives. By using GMA Garnet™, lower dust emissions not only improved the operator's visibility but also enhanced workplace safety.



**Production 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. The blasting rates are achieved by setting the nozzle pressure to operate within the range of 95 psi – 100 psi. GMA will work with you to produce optimum performance on blasting jobs, reducing time and cost, and producing the best surface result for any coating.*



Secure Supply



Consistent Quality



Technical Expertise



Customer Focus



Abrasive Blasting



Waterjet Cutting



Recycling

Please contact your GMA Sales Representatives for more information:
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