



**GMA GARNET GROUP**

*when your abrasive matters!*

# GMA SpeedBlast™ BLAST CLEANING ABRASIVE

High Performance General Purpose Garnet Abrasive

GMA SpeedBlast™ Garnet is a high performance, general purpose blasting abrasive that delivers the most efficient and cost-effective blast cleaning on most surfaces that have medium rust or medium thickness coatings.

GMA SpeedBlast™ Garnet is well suited to a broad range of applications in the Surface Preparation Industry.

- ◆ Oil & Petrochemical Industry, for work on pipelines, refineries and storage tanks as well as on-shore and off-shore installation
- ◆ Construction and maintenance of chemical plants, power stations, mining and processing equipment, gas and sewerage plants, desalination and industrial plants
- ◆ Building Industry and structural steel construction and maintenance
- ◆ Construction and maintenance of containers and tanks, tank trucks and rail tanks, as well as wagons and coaches

## GMA SpeedBlast™ Garnet has many unique & money saving advantages

**Superior Cleaning Rate** up to twice the performance of conventional abrasives, with more grains per volume (typical 20 million grains per kg) of active abrasive particles impacting the surface. You can achieve a rate of 15-25m<sup>2</sup> per hour.

**Low Consumption Rates** of 8-10kg/m<sup>2</sup> are easily achieved. Recyclable up to 4-6 times under normal conditions because of its superior toughness and low friability (7.5-8.0 Mohs). You can expect a 65% reduction in garnet consumption when recycling.

**SA3 White Metal** is effortlessly achieved. The shape and size of the grains ensure an even surface profile of 50-70 microns at 100psi at the blast nozzle.

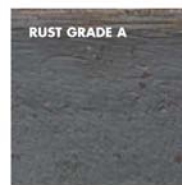


# The fastest, most economical recyclable blasting abrasive

GMA SpeedBlast™ Garnet provides optimum blasting efficiency and economy if used correctly.

- 1 Ensure the nozzle air pressure is 95-100psi (measured at the nozzle). Note: for every 1psi under 100psi, your efficiency is reduced by 1.5%, i.e. at 70psi you are blasting at 55% efficiency.
- 2 Check nozzle pressure with a hypodermic needle gauge frequently.
- 3 Check your nozzle frequently for wear and replace when worn. This ensures optimum productivity is maintained.
- 4 Check all blast pot fittings, hoses and hose couplings, both air and air/abrasive. If anything is incorrect, repair immediately. Any air leak means a loss of pressure at the nozzle.
- 5 Use an efficient moisture removal system that does not cause a pressure drop.
- 6 Fit an abrasive valve that can accurately meter the abrasive flow to ensure correct air/abrasive mix in the blast hose. It is very important to make sure abrasive metering is accurate.
- 7 Ensure all blast pots are supplied by an air hose that has a minimum id of 40mm (1 1/2") preferably 50mm (2"). This hose must be fitted with non-restrictive coupling fittings.
- 8 The air piping on your blast pot must be a minimum of 32mm id (1 1/4"). Be sure that full port ball valves are used on the choke valve. Do not use reduced port valves anywhere in the system as a pressure drop will occur because of restricted air flow through the ball valve.

UNBLASTED



Steel with millscale layer intact & very minor, or no rusting

BLAST CLASS 3



Complete blast clean with consistent metal colour all over & no visible contaminants

UNBLASTED



Steel with spreading surface rust & millscale commencing flaking

BLAST CLASS 3



Complete blast clean with consistent metal colour all over & no visible contaminants

For more information, write to:

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