

BLASTING ABRASIVES

BARTON Garnet Maximum Abrasive Performance Faster to the Finish



NATURE'S BEST ABRASIVE.

BARTON's two-tiered product line of garnet blasting abrasives offers you choice and flexibility for meeting specific application, performance and budgetary needs.

ADIRONDACK® Found only in the Adirondack Mountains, the ever-sharp crystalline structure of BARTON's ADIRONDACK Garnet is world-renowned. The premier and hardest garnet in the world for faster cleaning and impeccable surface quality.

ALLTEK™ Globally sourced alluvial garnet processed to BARTON's high quality standards. ALLTEK garnet abrasives offer excellent surface quality and performance as well as outstanding value.

HIGHER PRODUCTIVITY. LOWER COSTS.

Garnet is harder, heavier and more durable than other blasting abrasives. It cuts faster and significantly increases productivity while reducing abrasive consumption, leading to significant savings in shipping, handling and disposal. Garnet is ideally suited to recycling when used in blast-room settings, typically providing three to five turns, making it one of the most economical mineral abrasives on the market.

SUPERIOR SURFACE QUALITY.

BARTON garnet grains clean deep into cavities and pitted areas down to bare metal, removing all rust, soluble salts and other contaminants. Our garnet abrasives are ideal for use on steel, stainless steel, aluminum and other substrates and provide a surface that is virtually free of embedments, rogue peaks, and troughs. BARTON garnet products improve coating adhesion and coating life by producing a clean substrate with a uniform surface profile.

LOW DUSTING. BETTER VISIBILITY. SAFE TO USE.

BARTON garnet is a 100% natural, nonferrous inert mineral with <0.1% respirable crystalline silica and no heavy metals. Our garnet poses little or no health or environmental risks. The garnet produces less dust than many other blasting abrasives, resulting in improved visibility, less disruption to adjoining work areas, and safer working conditions.

BARTON garnet blasting abrasives meet all the current industry standards, including **SSPC-AB 1** and U.S. Navy **Mil-A-22262B(SH)**, and are **QPL listed, Mil-Spec,** and **CARB certified.**

BARTON



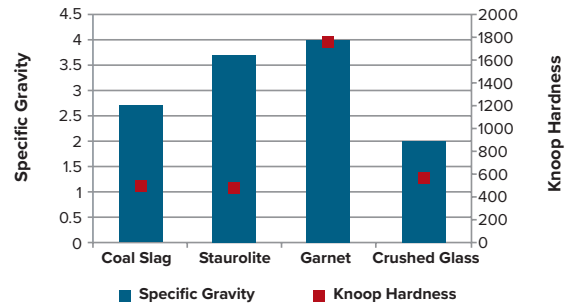
BARTON Garnet: Nature's best abrasive

The harder and heavier the abrasive, the shorter the blast time.

Garnet is 2 to 4 times harder, and up to 2 times heavier than other mineral abrasives such as crushed glass, coal slag, and staurolite.

This table compares the hardness and density of BARTON garnet to that of other typical blasting abrasives. It is the physical properties — high specific gravity (density) and hardness — that make BARTON's garnet the ideal material for abrasive blasting. Blasting with softer, less-dense abrasives will not clean as quickly or effectively, and may leave behind an inconsistent, uneven profile with embedments that can result in premature coating failure — a waste of both time and money.

ABRASIVE DENSITY AND HARDNESS



APPLICATIONS

SHIP BUILDING AND REPAIR

BARTON garnet is used extensively in shipyards throughout North America for removing coatings, mill scale, and rust. It is ideal for feathering when blasting welds or construction damage. Low dust levels improve working conditions and productivity in tanks, voids and confined spaces. Proven shipyard applications include hulls, superstructures, weapons systems such as the U.S Navy Vertical Launch Systems (VLS), all types of exterior projects, internal tanks, and substrates ranging from steel and stainless steel to aluminum.

INDUSTRIAL PAINTING CONTRACTORS

General facility maintenance, turnarounds, tanks and blast-room projects are just a few of the applications where BARTON garnet abrasives help contractors increase productivity, shorten project duration and reduce costs, getting assets back into service faster.

PETROCHEMICAL

Applications include storage tanks, offshore platforms, pipe racks and pipelines. High productivity rates with

garnet abrasives speed up turnaround jobs and reduce costly asset downtime.

BLAST ROOMS/HEAVY-EQUIPMENT REPAIR

As a nonferrous abrasive, BARTON garnet is used in blast-room applications where aluminum surfaces, sensitive substrates or installed electrical components prevent the use of steel grit or shot. Typical heavy-equipment applications involve the maintenance and repair of rail cars and construction, farm, and military equipment and vehicles.

POWDER COATING

Powder coaters value the high-quality surface finish and uniform profile created by BARTON garnet. The inherent toughness of garnet allows several reuses of the abrasive in blast-room applications.

VAPOR ABRASIVE BLASTING

Vapor/wet abrasive blasting equipment is designed to work most efficiently with garnet abrasives. Contractors and project managers consistently prefer BARTON garnet for its efficient and cost-effective productivity.

Stocking Locations

Inventories are maintained at Reserve, LA, Chesapeake, VA, and in numerous satellite warehouses.

In addition to BARTON's own inventories, we work with select regional distributors to maintain stocks in cities throughout North America.

For additional information and to find a stocking location, please contact us at 800.741.7756 or info@barton.com.

On The Cutting Edge Since 1878



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