World-leading Garnet Abrasives from New York’s Adirondack Mountains

Colby Gage, Mobile Maintenance Technician
Seven generations after entrepreneur Henry Hudson Barton began turning garnet from New York State’s famed Adirondack Region into sandpaper abrasive for the building of post-Civil War America, his descendants continue to transform the same dark red, crystalline ore — the hardest garnet in the world — into crushed abrasives for the 21st century.

BARTON is a business steeped in tradition, but always evolving to meet the needs of a changing world. A business committed to continuous improvement and the investments that make it possible — investments in people and products, quality and service, safety and environmental protection. A business that values family and community. A business where modern technology and ancient minerals work together for the benefit of society.

This is BARTON Today.
EXEMPLARY Garnet Abrasives
From Barton’s Mine to Customers Around the World

WATERJET CUTTING
Propelled by high-pressure water, BARTON Garnet abrasives can easily cut metal, stone or glass with precision.

ABRASIVE BLASTING
BARTON Garnet abrasives are used to smooth or clean all types of surfaces for the petrochemical, ship building and defense industries.

GRINDING & POLISHING
BARTON Garnet powders are ideal for grinding and polishing ophthalmic and specialty glass products.

PREMIUM SANDPAPERS
BARTON’s earliest garnet abrasives were used for manufacturing sandpaper and the tradition continues today.

As shown above, BARTON Garnet is ideal for these applications because it breaks into sharp, angular pieces when crushed.
BARTON embraces the principles of Operational Excellence, such as Lean Manufacturing, Reliability Excellence and Continuous Improvement, with a goal of moving our products from the mine to the customer as efficiently as possible, while maintaining exemplary employee safety and product quality.

IN OUR RESEARCH & DEVELOPMENT LAB, product development specialists work closely with our customers to continuously improve existing products and develop new ones.
SAFETY
is our First Priority

Nothing is more important at BARTON than the health and safety of our employees. We are committed to doing all we can to ensure that team members return home from work safely each day, and we require that they prioritize the safety of themselves and each of their co-workers. Our employees participate in a comprehensive Health & Safety Program, and each have personalized safety goals that are monitored, measured, and reflected in their annual performance objectives.

Charles R. Barton, Chief Operating Officer
Great-great-grandson of company founder Henry Hudson Barton

BARTON GARNET AT WORK
Made in the USA, for the U.S. Navy

When the USS George Washington (CVN-73) underwent a major refurbishment, BARTON garnet was chosen for the abrasive blasting surface preparation. Commissioned in 1992, the George Washington is a 1,100-foot nuclear-powered aircraft carrier with a 4.5-acre flight deck capable of carrying approximately 90 aircraft. We’re proud to put our U.S.-made product to work in this way, and we thank the crew for their bravery and service to our nation.
Our Environmental Commitment

BARTON’s business is built on the responsible use of natural resources. We have developed and implemented an extensive environmental management system to: identify potential impacts from our mining and processing operations; establish protocols to minimize those impacts; and ensure compliance with all applicable environmental laws and regulations.

Air Quality: BARTON significantly reduced air emissions from our manufacturing activities in recent years by eliminating the need for post-production drying. We have also equipped our heavy equipment fleet with the most advanced emission-control technology.

Water Conservation & Quality: More than 90% of the water used at our mine is recycled and re-used, meaning less than 10% is fresh water. Monitoring processes ensure that water discharged from the mine site meets or exceeds federal and state water quality standards.

Stormwater Management: We have invested hundreds of thousands of dollars in recent years to upgrade stormwater management systems at the mine site, collecting precipitation and storing it for controlled release to minimize runoff and soil erosion.

Beneficial Reuse: BARTON accepts, recycles and re-purposes spent garnet from our customers, extending the life of our mine and keeping the material out of landfills.

Energy Conservation: The HVAC system in our processing plant was recently upgraded with “heat-sink” technology, enabling beneficial use of otherwise wasted energy and reducing the use of fossil fuels.
GREEN OFFICES

BARTON’s headquarters in downtown Glens Falls, NY, is LEED® Platinum-certified by the U.S. Green Building Council (USGBC) — the highest designation possible under the USGBC’s system for rating the world’s greenest, most energy-efficient and highest-performing buildings. Rather than constructing new, BARTON preserved and refurbished a three-story brick building constructed in 1865 in the heart of the Downtown district, retaining its striking Civil War-era architecture while modernizing and minimizing its environmental footprint through a wide assortment of conservation-focused improvements, including a panelized green roof (above), a geothermal heating and cooling system, energy-efficient windows, and a rainwater collection system.

GREEN ENERGY

In keeping with the theme of responsible reuse, BARTON is leasing a portion of our original garnet mine property on Gore Mountain, which ceased operations in 1982, for use as a solar farm that generates nearly three million kilowatt hours of clean electricity per year. A solar project of this size generates enough electricity to power nearly 300 homes and is estimated to eliminate 1,275 tons of greenhouse gas emissions per year (or the equivalent of emissions from 252 automobiles).

Charles R. Barton, COO, and Rich Jenks, CFO, at the site of the solar farm.
BARTON has been an important employer in New York’s Adirondack Region since 1878. We employ more than 120 people, with approximately 75 working in our mine and manufacturing facilities, and the others at our corporate office in Glens Falls and in sales and warehouse locations across the country.

BARTON offers a wide variety of career opportunities in heavy equipment operation, production, technical/engineering, customer service and managerial/administrative positions. We pride ourselves on providing opportunities for career advancement and on-the-job training, and we greatly value employee longevity. Our employees average nearly 20 years of service, with a number having more than 40 years. BARTON also has numerous multi-generational employees with proud ties to our history and a deep commitment to our present and future operations.

BARTON employees participate in a wide array of community activities. From left are Ken Bates, Matt Plumley, Stephen Petit and Caleb Millington at the Capital Region Career Jam.

BUILDING COMMUNITIES

As a family-owned business with deep roots in the Adirondack Region, BARTON is proud to play an active role in local communities. Each year, we provide financial support to a variety of not-for-profit arts, education, emergency services and community service organizations. BARTON also provides excess rock and sand from our mine available free-of-charge to local municipalities for use in road maintenance.

Throughout our operations, BARTON is committed to operating in a safe, healthy, and environmentally sound manner that minimizes impacts to our neighbors. Our mine and processing facilities have co-existed with residential and business neighbors for more than 140 years and we look forward to continuing this tradition for generations to come.