MARCO ABRASIVES

PRIVATELY OWNED
ENGINEERED AND MANUFACTURED PRODUCTS
PLURAL COMPONENT SPRAY SYSTEM SPECIALISTS
SERVICE MODERNIZATION AND REPAIR
MULTIPLE FULL SERVICE LOCATIONS
ONLINE ACCOUNT MANAGEMENT
R&D PRODUCTIVITY SOLUTIONS
COMPREHENSIVE INVENTORY
EXPANSIVE RENTAL FLEET

Hard Rock Garnet
Marco has been the world’s largest provider of engineered solutions, service and supplies for the surface preparation industry.

Marco manufactures and distributes a complete line of abrasive blasting, painting and coating equipment, including but not limited to:

• Abrasive Blasting Pots
• Moisture Management Systems
• Abrasive Blasting Hose
• Abrasive Blasting Nozzles
• Safety Accessories
• Paint Guns
• Air and Fluid Hose

Marco also provides a wide range of specialty engineered solutions, including but not limited to:

• Blast Rooms
• Paint Booths
• Plural Component Spray Systems
• Paint Kitchens
• Environmental Management Systems
• Reclaim Systems
ABOUT MARCO

MARCO MANUFACTURED EQUIPMENT
- Complete line of Abrasive Blasting Equipment and Plural Component Spray Systems
- Manufactured in the USA
- Gold Standard Benchmark process delivering industry leading products
- All locations fully ISO 9001:2008 certified
- Warranty direct from manufacturer

ADVANCED TECHNICAL SERVICES
- U.S. team of 35 subject matter experts
- Gulf states service team of 21 skilled technicians
- Senior leader for blast operations design and equipment evaluation
- Senior leader for paint operations design and equipment evaluation
- Installation and service throughout North America
- On-site start-up and stand-by service for Plural Component

LEADER IN TECHNOLOGY
- Online access to any and all information
- Operators Manuals, Part Numbers and Schematics Guides, MSDS Guides, Product Features and Specifications Guides
- Personalized customer website provides access to password-protected quotes and invoices
- Live, ongoing technical support

STRAATEGICALLY SOURCED ABRASIVES
- Complete line of abrasives
- Direct importer of garnet
- Over 50,000 tons of abrasive sold in the gulf region in 2012

LARGEST AND NEWEST RENTAL FLEET
- Fleet of over 300 pieces of equipment available from seven U.S. locations
- Average fleet age of less than three years
- Every unit undergoes a 20-point service and safety inspection prior to rental
- In-house logistics and service support teams
- All consumables required to support operations are available for rent

ENGINEERED SOLUTIONS
- In-house engineering and R&D teams create solutions for unique challenges
- Extensive interaction with paint suppliers to match Plural systems to coating requirements
- Developing advanced engineered solutions including our Pneumatic Closure Lockout Device, designed to increase field safety
IN-STOCK ABRASIVES

Marco is the world’s leading supplier of abrasives, blasting equipment, engineered systems, coating and painting equipment, rental equipment, safety equipment, and service & repair to the surface preparation industry.

BROWN FUSED ALUMINUM OXIDE

Brown Fused Aluminum Oxide is the abrasive of choice when an application is sensitive to rusting caused by ferric contamination and requires an extremely aggressive and hard abrasive. Aluminum Oxide is frequently used for stainless steel fabrication, precision aviation and turbine blasting, internal pipe blasting, automotive brake pad manufacturing, and the cleaning of non-ferrous castings.

- Angular
- Mohs hardness: 9.0
- Bulk density: 105 – 125 lbs./cu. ft.

CARBON STEEL SHOT

Carbon Steel Shot is a general-purpose manufactured abrasive used to remove mill scale and molding sand. Its round shape cleans by hammering the surface, leaving a uniform surface profile. Carbon Steel Shot is most commonly used in wheel blast equipment and closed circuit blast systems for steel plate blasting, cleaning castings & forgings, and ship and railcar manufacturing & maintenance.

- Round
- Rockwell C: 40 – 51
- Bulk density: 280 – 298 lbs./cu. ft.

CARBON STEEL GRIT

Carbon Steel Grit is a general-purpose manufactured abrasive used to remove thick coatings, heavy rust, and mill scale. It’s angular shape cleans by aggressively cutting away at the surface leaving a uniform surface profile. Carbon Steel Grit is most commonly used in air-blast rooms and mobile steel grit recycling systems and is frequently used for bridge, wind tower, and ship and railcar manufacturing & maintenance.

- Angular
- Rockwell C: 40 – 60+
  (Depending on hardness; S, M, L, H)
- Bulk density: 230 – 275 lbs./cu. ft.
COAL SLAG
Coal Slag is one of the most versatile abrasives available and is generally used for the removal of thick coatings, rust, and mill scale. Coal Slag is a widely used abrasive due to its profiling ability, economical price point, and availability. Coal Slag is frequently used in new steel and steel maintenance applications such as; blasting of storage tanks, water towers, bridges, ships, structural & plate steel, offshore platforms, and oil field maintenance.

- Angular
- Mohs hardness: 6.0 – 7.0
- Bulk density: 80 – 90 lbs./cu. ft.

COPPER SLAG
Copper Slag is an aggressive abrasive frequently used in new steel and steel maintenance applications. Copper Slag’s bulk density and angular shape give it an aggressiveness that provides clean, fast-cutting action, considerably increasing production rates. Copper Slag is ideal for abrasive blasting storage tanks, water towers, bridges, ships, structural & plate steel, offshore platforms, and oil field maintenance.

- Angular
- Mohs hardness: 6.0
- Bulk density: 100 – 120 lbs./cu. ft.

CORN COB
Corn Cob is an organic abrasive that will clean and polish without damaging the surface. Corn Cob is used as an alternative to other organic abrasives such as Walnut Shell when there are concerns with plant oils staining the substrate or affecting coating adhesion. Common applications for Corn Cob include refinishing log homes & cedar siding, cleaning of stainless steel food processing equipment, and specialty petrochemical & offshore applications where a non-sparking, non-ferrous abrasive is required.

- Angular to sub-angular
- Mohs hardness: 4.0
- Bulk density: 24 – 33 lbs./cu. ft.

CRUSHED GLASS
Crushed Glass is a manufactured abrasive made from 100% recycled glass, and is ideal for concrete applications and brick & limestone restoration work. Crushed Glass’ sub-angular shape provides a uniform mil profile and cleans by cutting through mill scale and rust while providing lower particle embedment than most other abrasives.

- Angular to sub-angular
- Mohs hardness: 6.0
- Bulk density: 80 lbs./cu. ft.
HARD ROCK AND ALLUVIAL RIVER GARNET
The extremely low chloride levels of Hard Rock Garnet reduces surface contamination versus Alluvial River Garnet. The sub-angular shape, hardness, and bulk density of Alluvial River Garnet provides fast cutting, ideal for removing thin to medium thickness coatings, mill scale, and rust. Alluvial River Garnet is not exposed to chloride contamination. Typical applications include blast rooms, blast yards, bridges, offshore platforms, oil refineries, pipelines, railcar shops, shipyards, storage tanks, and water towers.

- Angular to sub-angular
- Mohs hardness: 7.0 – 8.0
- Bulk density: 130 – 150 lbs./cu. ft.

GLASS BEADS
Glass Beads will clean metal parts without etching the surface. Glass Beads are commonly used for automotive restoration, polishing of castings, stainless steel fabrication, and light deburring of precision parts. Glass Beads are most commonly used in abrasive blast cabinets.

- Round
- Mohs hardness: 5.0 – 6.0
- Bulk density: 80 – 90 lbs./cu. ft.
- No free silica

PLASTIC MEDIA
Plastic Media is a soft, subangular abrasive widely used as an alternative to chemical or hand-stripping. It is commonly used in the removal of powder coatings, the cleaning of molds, automotive restoration, and the air-blasting of soft or thin metals, such as aircraft aluminum.

- Angular to sub-angular
- Mohs hardness: 3.0 – 4.0
- Bulk density: 40 – 60 lbs./cu. ft.

STAINLESS STEEL SHOT
Marco stainless steel shot is a high quality cast stainless steel shot. This abrasive is used for cleaning aluminum and other non-ferrous castings and forgings. Stainless steel shot can leave a surface free of contamination that causes rust.

- Round
- Available in 55 lb. bags
- Available in sizes 30-60
STAUROLITE
Staurolite is a general-purpose mined mineral abrasive used to remove thin coatings, rust, and mill scale. Its sub-angular shape is ideal for applications where a minimal surface profile is required. Staurolite is excellent for achieving a near white finish and is commonly used for new steel applications; including storage tank & tower construction, structural & plate steel blasting, and steel fabrication.

- Sub-angular
- Mohs hardness: 7.0
- Bulk density: 125 – 135 lbs./cu. ft.

WALNUT SHELLS
Walnut Shells are an organic abrasive commonly used to polish and clean soft metals, fiberglass, wood, and stone. Specific applications include fire & smoke remediation, graffiti removal, brick restoration, automotive restoration and specialty petrochemical or offshore applications where a minimal sparking, non-ferrous abrasive is required.

- Angular
- Mohs hardness: 3.0
- Bulk density: 32 – 45 lbs./cu. ft.

SHIPPING LOCATIONS
Freight can be up to 80% of your landed abrasive costs. At Marco, we have partnered with thousands of carriers nationwide to make logistics services easier and more cost effective for you.

- **Time Savings** – Marco’s logistics team takes the hassle out of moving your freight. One call and we will arrange, load, and monitor your order all the way to your door or work site

- **Cost Savings** – Lower your process costs with a single invoice that includes product and freight

- **Buying Power** – Our buying power allows us to negotiate lower freight rates and pass the savings on to you

- **Experience** – We move over 14,000 truckloads, from over 45 shipping locations, each year
REGIONAL LOCATIONS

Corporate Headquarters
Headquartered in Davenport, Iowa, the Marco Midwest Region Office and Corporate Headquarters houses a team of over 100 customer service, technical specialists, product managers, sales representatives, engineers and service technicians, serving the Central Midwest and Western U.S.

Our 111,000 sq. ft. manufacturing and distribution facilities produce and ship over 5,000 products each day, and are staffed by a comprehensive and highly-trained team, including fabrication, production, testing, assembly, quality assurance and shipping departments. On-site, our facilities encompass the latest technologies in blast pot manufacturing, including tube rollers, press brakes, bridgeports, and a full machining center.

Gulf Region
The Marco Gulf Region Headquarters is strategically located in Deer Park, TX, in the heart of petroleum country. Our 25,000 sq. ft. location houses a complete warehouse and maintenance facility, supported by a team of 40-year surface preparation industry veterans, specializing in customer service, technical support, installation, maintenance, rental and outside sales.

Northeast Region
The Marco Northeast Region Headquarters is located in a suburb Youngstown, OH, serving the states of New York, Pennsylvania, Michigan, New Jersey and Ohio. Our 25,000 sq. ft. facility includes dedicated technical, sales and service teams and a complete inventory of abrasives, blasting and paint supplies, 100-unit rental fleet, sundries and much more.

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