With over 60 years’ experience in rockfall and geohazard mitigation, Maccaferri offers a wide range of systems to stabilize rock faces, soil slopes, shallow landslides and debris flow, reducing risk to people, buildings, and critical infrastructure.

We offer a wide range of engineered systems, certified and tested by leading institutes, in accordance with the latest standards. Maccaferri solutions are designed using state-of-the-art modeling software and techniques.

Developed in conjunction with engineers and contractors, Maccaferri’s Rockfall Systems are durable, effective, and simple to install.
Maccaferri’s motto is ‘Engineering a Better Solution’. We don’t merely supply products, but work in partnership with our clients, offering technical expertise to deliver versatile, cost effective and environmentally sound solutions. We aim to build mutually beneficial relationships through the quality of our service and solutions.

OFFICINE MACCAFERRI GROUP PROFILE
Founded in 1879, Officine Maccaferri soon became a technical reference in the design and development of solutions for hydraulic works and retaining structures.

Since then, through technological innovation, geographical expansion and focused diversification, Maccaferri now offers solutions at a global level for a wide range of civil, geotechnical and environmental engineering applications.

ORGANIZATIONAL STRUCTURE
Officine Maccaferri is at the heart of the Maccaferri Industrial Group, a corporation with revenues of €1.2B, operating in mechanical engineering, real estate & construction, energy, food & agro-industry and tobacco.

Officine Maccaferri’s vision is to become a leading international provider of advanced solutions to the civil engineering and construction market. With nearly 3000 employees, over 30 manufacturing facilities and local operations in 100 countries around the world, Maccaferri can truly claim to have a global presence with local focus.

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MACCAFERRI IN THE UNITED STATES
Originally incorporated in 1957, “River & Sea Gabions (New York) Inc.” served as the U.S. based distributor of Maccaferri products until 1960 when Officine Maccaferri took over operations. They renamed the company “Maccabferri Gabions of America Inc.” and opened operations on 5th Avenue in Manhattan. In 1972, Maccaferri opened its manufacturing facility in Williamsport, Maryland where a separate company was established. The trading company remained in Manhattan until the late 1980’s, when the manufacturing and trading company were merged into one in Williamsport where Maccaferri Inc. still manufactures its Double-Twist Wire Mesh products. In 2017, Maccaferri moved its Marketing, Sales, and Technical staff to a new headquarters in Rockville, Maryland.

MACCAFERRI APPLICATIONS
- Retaining Walls & Soil Reinforcement
- Hydraulic Works
- Rockfall Protection & Snow Barriers
- Erosion Control
- Soil Stabilization & Pavements
- Basal Reinforcement
- Coastal Protection, Marine Structures & Pipeline Protection
- Environment, Dewatering & Landfills
- Drainage of Structures
- Tunnelling
- Landscape & Architecture
- Safety & Noise Barriers
- Fencing & Wire
- Aquaculture Nets/Cages
- Concrete Flooring, Precast & Other Uses
MACCAFERRI

ROCKFALL PROTECTION & SNOW BARRIERS
INDUSTRY PIONEERS

For 140 years, Maccaferri has been a leading supplier of materials to the construction industry. While often recognized as the innovator of the gabion basket, Maccaferri is also the pioneer of the rockfall and geohazard mitigation industry in the United States and around the world.

Maccaferri has provided rockfall mitigation systems on hundreds of projects throughout the U.S. and Canada, as well as throughout Europe, Asia, and Australia. Our products and systems are specified and used routinely by DOT’s, USACE, and other federal and state agencies.

A SYSTEM FOR EVERY PROJECT

Maccaferri’s wide variety of systems offer the highest level of performance in the industry, allowing designers to select the optimum solution for their specific application. While Maccaferri offers an array of standard products for the most common applications, our flexible manufacturing capabilities allow for custom solutions designed for unique conditions.

WHY MACCAFERRI ROCKS

STRENGTH
Our simple and pinned drapery systems offer the highest tensile and punch resistance, with the lowest deformations in the industry.

PERFORMANCE
Our European Technical Approval Guideline (ETAG) tested rockfall barriers provide the lowest deformation with the highest residual height in the industry.

DURABILITY
Our GalMac and polymer coated products provide two-to-five times the service life of our competitors.

PROVEN
Our products are independently tested and certified in accordance with the strictest industry standards.

QUALITY
Our solutions use the highest quality raw materials and provide world-class engineering with custom design and manufacturing capabilities.
Simple & Pinned Drapery Systems

Our SteelGrid™ and RockMesh® are the strongest in the industry. They offer the lowest deformation and greatest service life of any other system on the market. Our products are independently tested and our design procedures are proven, reliable, and safe.

Soil Nailing Surface Treatments

The higher strength and lower elongation characteristics of SteelGrid™ and Macmat®R compared to competitive products allow for greater anchor spacing in soil nailing applications, potentially providing significant cost savings to the owner.
**Dynamic Rockfall Barriers**

Our dynamic barrier systems have rating capacities ranging from 100 to 8500 kJ to intercept falling rock and boulders. They have been independently tested in accordance to the strictest industry standards and have proven to provide the best performance characteristics of any barrier system on the market.

**Hybrid Barriers & Attenuators**

These barrier systems combine the energy absorption capabilities of a dynamic rockfall barrier with the reduced-maintenance of drapery mesh, providing a cost-effective solution for long slopes with available catchment space.

**Debris Flow & Shallow Landslide Barriers**

Our Debris Flow Barriers are custom designed to the dimensions of each project, anticipated debris characteristics, and expected flow volume. They have patented energy dissipating devices offering greater strength and performance without the aesthetic intrusion of other debris flow systems.

**Rockfall Embankments**

Scalable to suit each hazard, embankments are used where large or repeated impacts are expected, including landslides, rockfalls, and avalanches. Featuring reinforced soil designs, they can often reuse on-site materials. Embankments can be designed to sustain impact energy capacities of over 20,000kJ.