



REDI+ROCK

PRODUCTS & SOLUTIONS





MASSIVE
ENGINEERED
CUTTING-EDGE
POWERFUL
AESTHETIC
UNPARALLELED
VERSATILE
PROVEN
EASY TO INSTALL

REDI-ROCK IS **RELIABLE**

TOUGH
EFFICIENT
TEXTURED
SOLID
BEAUTIFUL
STABLE
INNOVATIVE
ENDURING
DURABLE

GRAVITY SOLUTIONS

NO GEOGRID OR TIE-BACKS IN MANY APPLICATIONS

TOP BLOCK

Weight: 1225 lbs.
46" x 28" x 18" High
5.75 sq. ft. of face

LIMESTONE



COBBLESTONE



LEDGESTONE



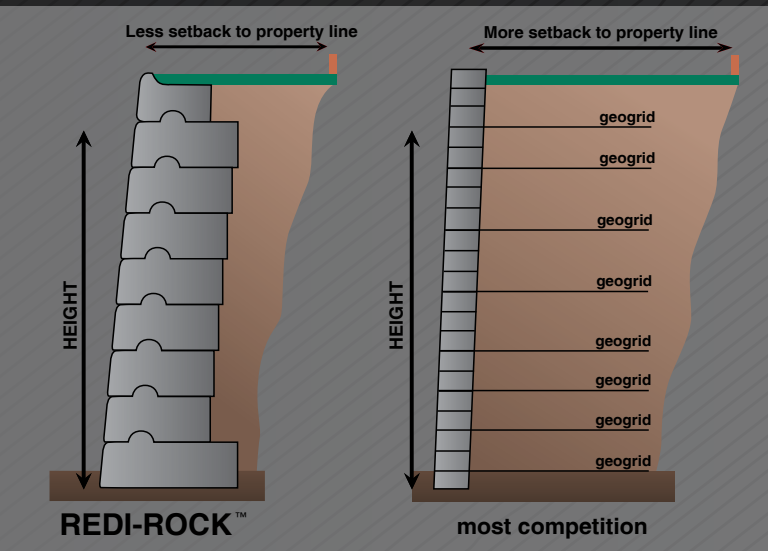
MIDDLE BLOCK

Weight: 2400 lbs.
46" x 41" x 18" High
5.75 sq. ft. of face



BOTTOM BLOCK

Weight: 2500 lbs.
46" x 41" x 18" High
5.75 sq. ft. of face



REINFORCED SOLUTIONS

BUILD EVEN TALLER WALLS

REDI-ROCK'S POSITIVE CONNECTION (PC) SYSTEM



Weight: 1540 lbs.
46" x 28" x 18" High
5.75 sq. ft. of face

AVAILABLE IN ALL THREE TEXTURES

- Provides superior seismic performance over other geosynthetic reinforced wall systems
- Utilizes a corrosion-free reinforcement system without special connection components
- Increases wall height with reduced geosynthetic reinforcement requirements
- Incorporates a massive, ¾ ton, precast concrete block facing unit
- Addresses the long term connection requirements in the AASHTO LRFD specifications

LIMESTONE

COBBLESTONE

LEDGESTONE



BECAUSE YOUR NEXT PROJECT NEEDS A COMPLETE SOLUTION



Coordinating product lines make Redi-Rock the perfect solution for projects that require integrated hardscapes. When the owners of this home wanted to put a pool in their steeply sloping backyard, they chose Redi-Rock retaining walls to create space for their pool. Not only did Redi-Rock provide a wall solution, the owner took advantage of the complete product line and integrated Redi-Rock Planter blocks, Columns, Freestanding walls, Steps and Caps. Design a perfectly coordinated solution for your next project—choose Redi-Rock!

RETAINING WALLS

Massive, one-ton Redi-Rock blocks rely on **gravity** to hold back slopes in many different applications. Even taller reinforced walls are possible using the **Positive Connection System**. Redi-Rock retaining walls can integrate with other Redi-Rock products such as Freestanding walls, Columns and more to give designers the flexibility they need to create a truly unique project.

FREESTANDING WALLS

Redi-Rock Freestanding walls feature rich, natural **textures on both sides** to create double-sided barrier walls, seat walls and enclosures. In addition, Redi-Rock Freestanding walls can also be reinforced to use as **roadway or parking barriers**. Place Freestanding walls directly on top of Redi-Rock retaining walls or as stand-alone structures for a unique, durable solution.

COLUMNS & ACCESSORIES

With Redi-Rock, you've got options.

From **design flexibility**, to varying color or texture choices—designing a hardscape project with Redi-Rock is easier than ever. Integrate fence rail systems, gates, or light fixtures with your Columns, or top with a Redi-Rock **Cap** for a finished look. Redi-Rock staircases, patios and walkways created with the Redi-Rock **Step** and **Paver** series feature the timeless look of natural stone—with consistent dimensions for safe and easy access, plus simple installation.



IMPRESSIVE REDI-ROCK SOLUTIONS

GRAVITY CHANNEL INSTALLS IN JUST 10 DAYS

THE CHALLENGE

When a sharp turn in a stream began eroding homeowners' yards in storm events, this Kentucky city needed a solution, and fast.

Why did they choose Redi-Rock for the project?

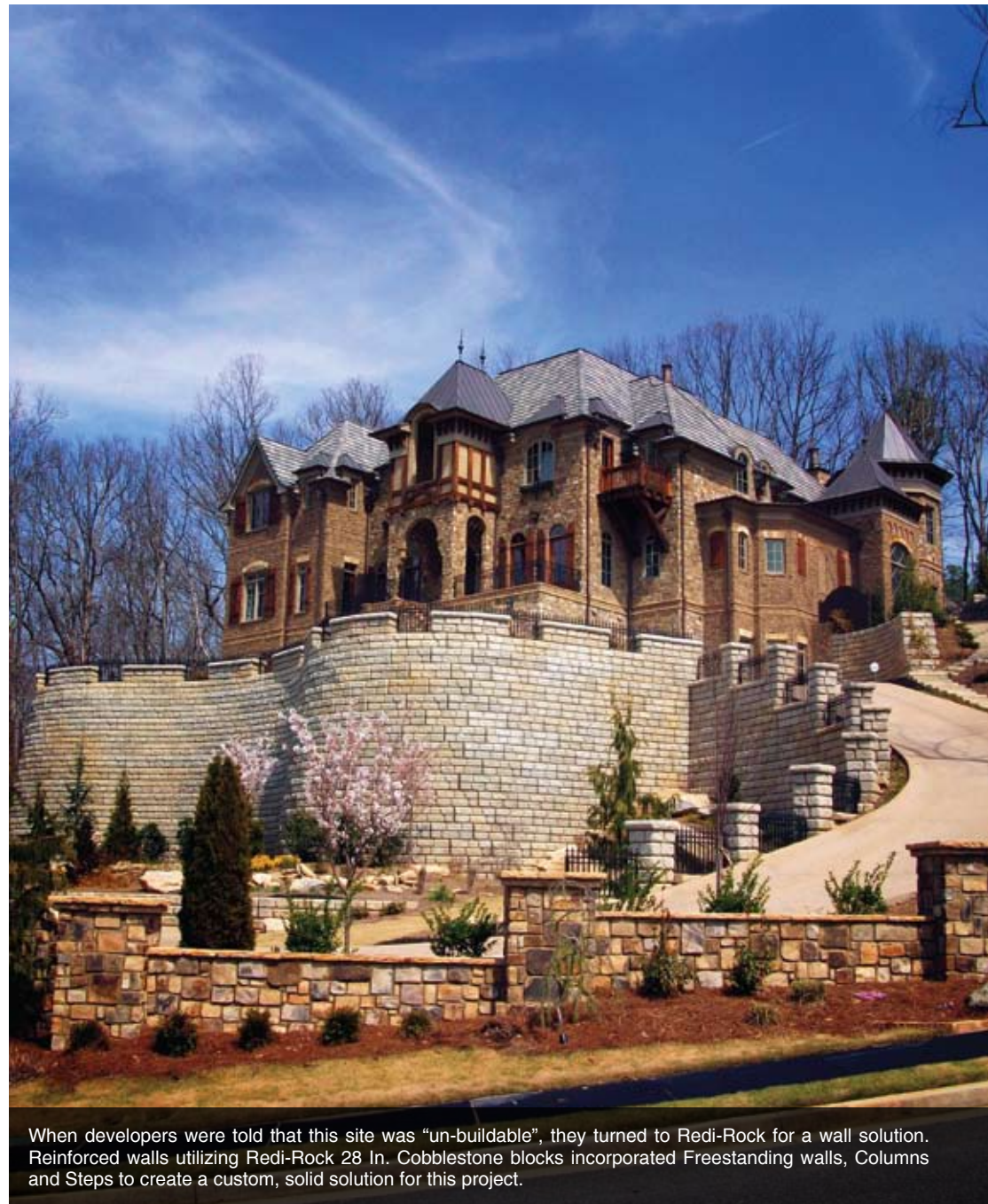
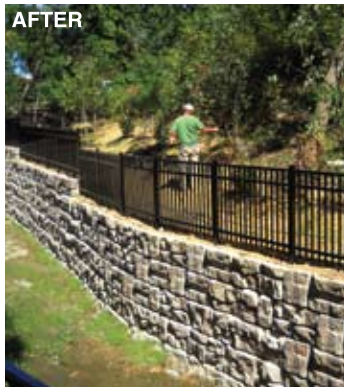
THE SOLUTION

*"We originally considered using gabion baskets or plain concrete walls, but **we wanted an aesthetic finish** to the channel. We chose Redi-Rock because we had more finish options, including the new Ledge-stone face. **Plus, it was very economical,**"* explained the city's Project Manager.

He continued: *"**It's a home run** when you can put up an aesthetic channel like this instead of the usual concrete channel or gabion baskets in an economical way."*

*The design engineer added: "**The ability to construct the wall without geogrid reinforcement was critically important** to this project. The construction space was tight."*

Redi-Rock's massive, one-ton blocks stacked like giant Legos to harness the power of gravity in this project. The 13.5 ft. high walls required no reinforcement, which cut down on excavation time and costs considerably. In total, the 4,800 sq. ft. was installed in only 10 days!



When developers were told that this site was "un-buildable", they turned to Redi-Rock for a wall solution. Reinforced walls utilizing Redi-Rock 28 In. Cobblestone blocks incorporated Freestanding walls, Columns and Steps to create a custom, solid solution for this project.

THE APPLICATIONS

Redi-Rock has a proven track record for providing durable, aesthetic solutions in a variety of applications including:

- ⌘ **Municipal**
- ⌘ **Residential**
- ⌘ **Water Applications**
- ⌘ **DOT Projects**
- ⌘ **Railway Jobs**
- ⌘ **Bridges**
- ⌘ **Storm Channels**
- ⌘ **Road Construction**
- ⌘ **Sea Walls**
- ⌘ **Sustainable Solutions**

Redi-Rock is able to provide solutions for a wide range of projects because it is a versatile system that allows designers to create a custom solution for each project. Plus, the ability to build tall gravity walls and even taller reinforced walls with the Positive Connection System creates opportunity to use Redi-Rock in more applications than ever.

With Redi-Rock, varying batters, creating inside and outside curves, integrating Freestanding walls and Steps and much more is possible. Plus, extensive design and engineering resources are available.

The Redi-Rock system is designed to be a sustainable solution that will last for generations. Our goal is to be environmentally responsible by encouraging recycled content in the product, using less excavating in tall gravity walls and providing regionally available material with the large Redi-Rock manufacturing base. We encourage you to speak to your local Redi-Rock Manufacturer to learn how these walls can help contribute to the U.S. or Canadian Green Build Council's LEED credits.



Redi-Rock is a perfect solution for bridge and culvert applications. For this project, Redi-Rock's proven durability and the Zero Degree-Batter, Limestone texture blocks allowed engineers to create a design that will stand the test of time.

REDI-ROCK DESIGN AND ENGINEERING RESOURCES

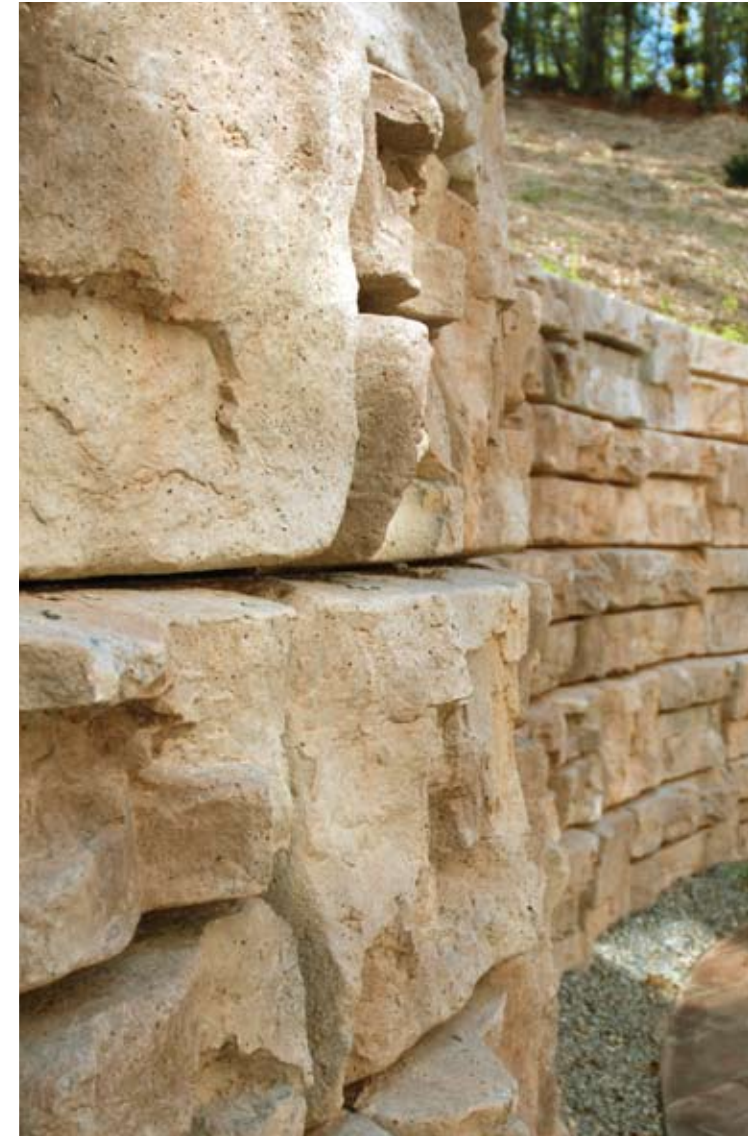
GRAVITY SOLUTIONS

Redi-Rock's **design resources** make designing your retaining walls easy. Here's how:

- ❖ For design professionals, the complete **Design Resource Manual** is available.
- ❖ Redi-Rock **Wall Analysis Software** analyzes Redi-Rock's gravity wall system and is available as a free download at www.redi-rock.com. The package includes a wall analysis module, a bearing capacity module and a slope "global" stability module. LRFD calculations are also included.
- ❖ Preliminary **Design Charts** and Details of over 700 conditions on www.redi-rock.com make getting started with Redi-Rock a snap.
- ❖ Redi-Rock's **on-staff Engineering Department** provides support to engineers, contractors and specifiers. The Redi-Rock P.E.s are available to answer your questions and are dedicated to helping you find a Redi-Rock solution for your project.
- ❖ Typical Construction Details, Specifications, Installation Manual and more are available at www.redi-rock.com.



LARGE BLOCK GRAVITY SOLUTIONS



Redi-Rock blocks harness the power of gravity to build tall walls that require no geogrid reinforcement in many applications. The benefits of gravity walls include minimizing excavation space, time and costs. Each massive precast concrete block weighs over one ton and stacks like a giant Lego to create walls with the "Essence of Natural Rock" look.



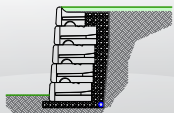
REDI-ROCK WALL

DOWNLOAD FREE
ANALYSIS SOFTWARE

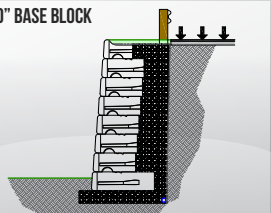
WWW.REDI-ROCK.COM

VERSATILE SOLUTIONS

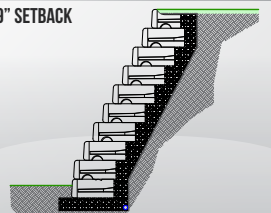
41" GRAVITY WALL



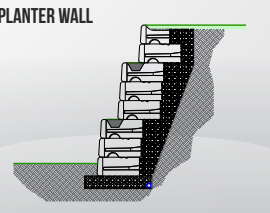
60" BASE BLOCK



9" SETBACK



PLANTER WALL



With Redi-Rock's versatile system, you can incorporate a variety of blocks to achieve taller gravity walls while minimizing excavation (pictured above). In addition, varying batters are also possible within the Redi-Rock system—from zero degree batter walls to the standard 5 degree batter walls, plus incorporating 9" Setback blocks and Planter blocks for even more batter options.

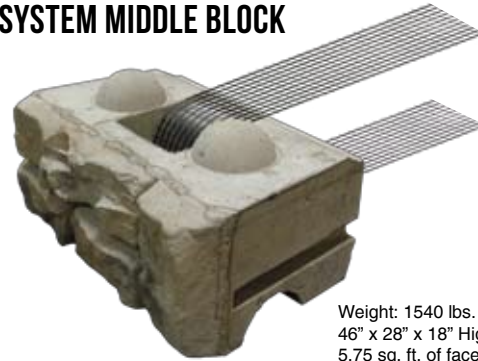
REINFORCED SOLUTIONS

With Redi-Rock's **Positive Connection (PC) System**:

- ❖ Wall analysis can be performed with the MSEW software program
- ❖ Designs can be to AASHTO ASD or LRFD specifications
- ❖ Weight-independent connection can expand the range of available wall applications
- ❖ A full series of detailed connection tests are available for download at www.redi-rock.com

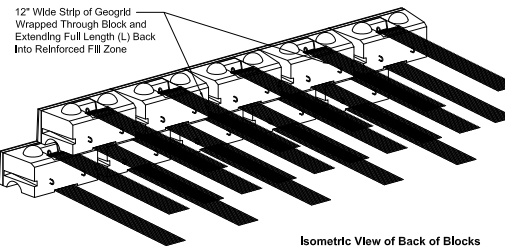


POSITIVE CONNECTION (PC) SYSTEM MIDDLE BLOCK



Weight: 1540 lbs.
46" x 28" x 18" High
5.75 sq. ft. of face

Section View Through Blocks
No Scale



12" Wide Strip of Geogrid
Wrapped Through Block and
Extending Full Length (L) Back
Into Reinforced Fill Zone

Isometric View of Back of Blocks
No Scale

Every 1500 lb block has a 12" strip of geogrid wrapped through the block. This weight-independent connection can be used in many applications that include: seismic, railroads, DOT projects and other critical applications.

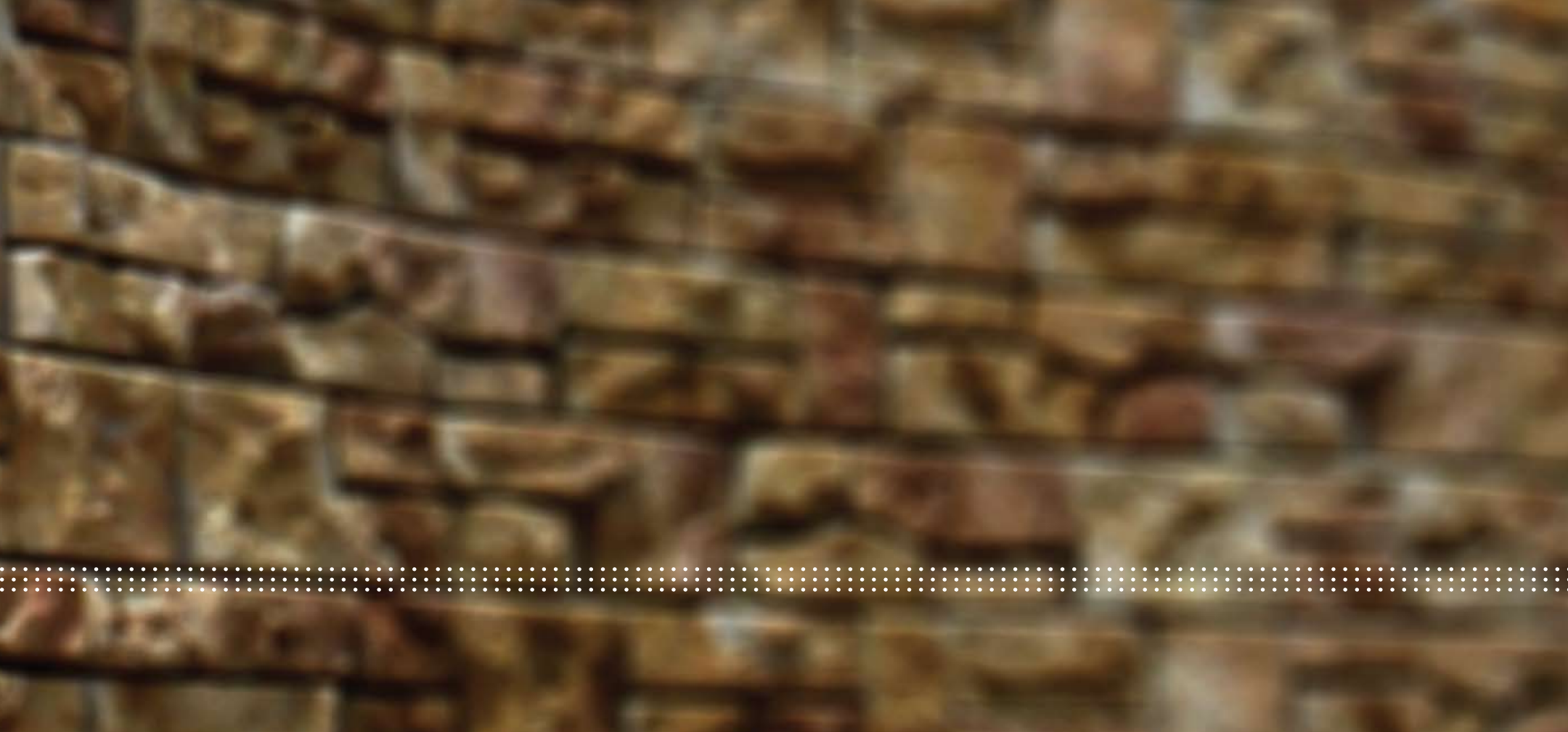
INSTALLS LIKE A ONE-TON LEGO®

And who doesn't love playing with Legos? Each massive, one-ton block has a knob and groove design that makes walls **fast and easy to install**. All that's required is a small excavator and a 1-2 person crew. With **5.75 sq. ft. of face per block**, walls go up fast—plus, the design of the blocks allows for curved walls, 90 degree corners and much more to make a custom wall simple to install.





TO FIND OUT MORE, VISIT WWW.REDI-ROCK.COM



REDI★ROCK

*Every Redi-Rock Manufacturer is
independantly owned and operated.
Colors and textures vary by region.*



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