

Verti-Block® Retaining Walls

Hollow, interlocking blocks

Sized for residential and
commercial use


Innovative engineering for
unparalleled strength

Easy installation with smaller
equipment

A beautiful, cost-effective earth
retaining solution

Right look.
Right strength.
Right size.





Nothing
stacks up
quite like
Verti-Block.

When you need a solution for retaining walls and other landscape projects, nothing stacks up quite like Verti-Block. Unique in size, shape, and flexibility of use, Verti-Block is an ideal solution for residential and commercial projects alike.

Unique size and design

A hollow block measuring 610 × 1220 × 910mm, Verti-Block is perfectly proportioned for the most popular types of landscaping projects, including gravity walls up to 3.7m high—even higher when reinforced. Its hollow design makes it affordable and easier to handle than solid blocks. Plus, Verti-Block is less labor intensive than small, hand-laid blocks and offers a more practical solution than a cast-in-place retaining wall.

Interlocking Verti-Blocks

Verti-Block interlocks with a unique male-and-female design. You'll get unmatched strength with more flexibility for landscape applications.



Strong and versatile

Even more appealing, Verti-Block is incredibly strong and versatile thanks to its interlocking design. Featuring a male-and-female style connection, Verti-Block units ensure you'll get a secure fit that guarantees the correct amount of setback on every installation. Verti-Block's hollow design saves money by using less concrete and lowering transportation costs. It also ensures the right amount of crushed stone backfill. Experienced installers know that too much crushed stone wastes money—too little can build hydrostatic pressure and cause the retaining wall to fail.

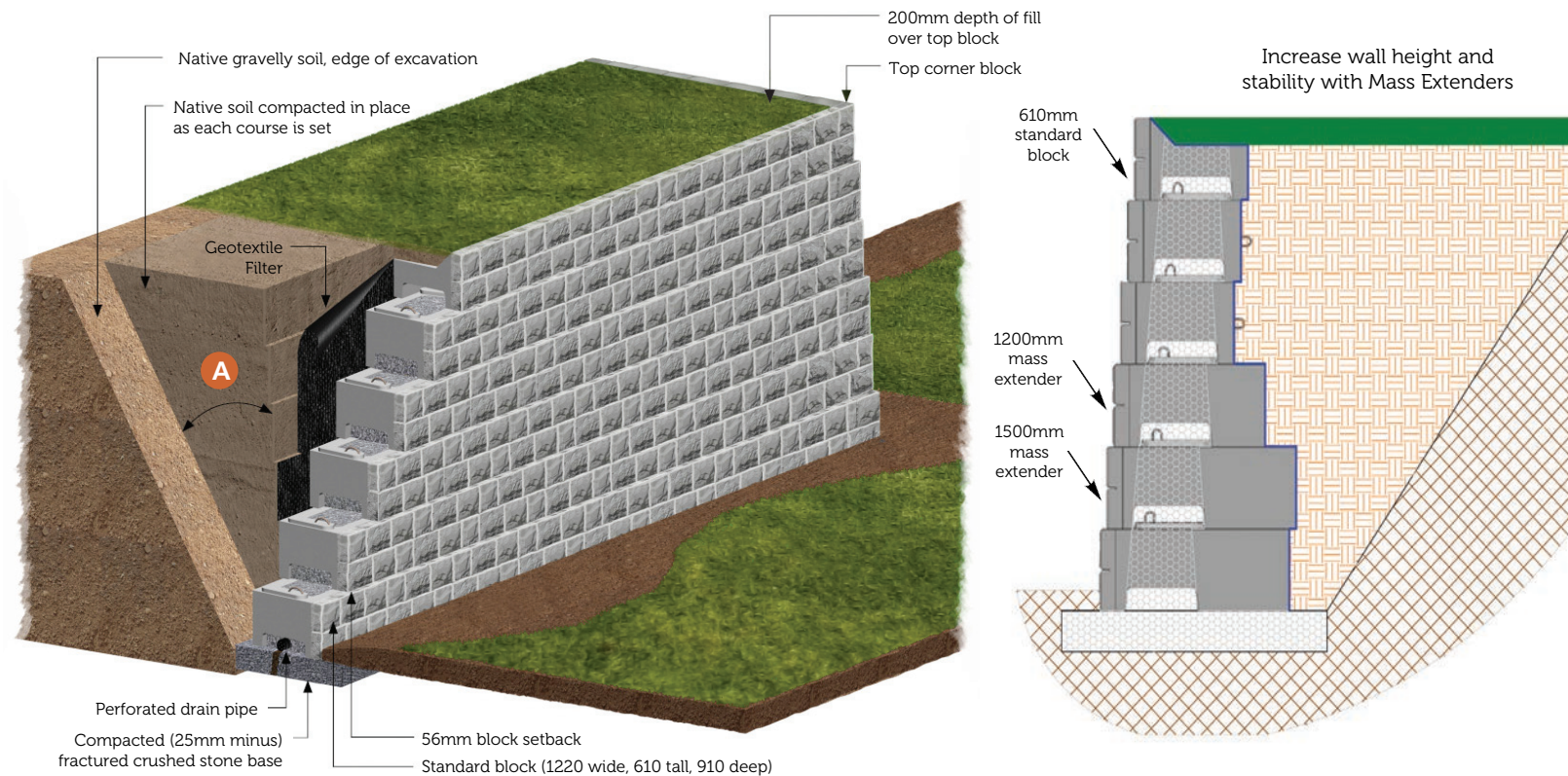
Easy installation

Verti-Block was created with landscaping in mind—meaning we've made it easy to transport and install, even in tight access spots. Blocks can be moved and put into place with smaller equipment; there's no need for heavy machines like a telehandler or crane. The male-and-female connection eliminates placement error, ensuring strength and an exact installation every time.



www.vertiblock.com.au

Verti-Block Gravity Wall



Maximum* gravity wall height

A	Wall Height	Soil Type
≥ 30°	2.4m Wall	Silty
≥ 35°	3m Wall	Sandy
≥ 40°	3.6m Wall	Gravely

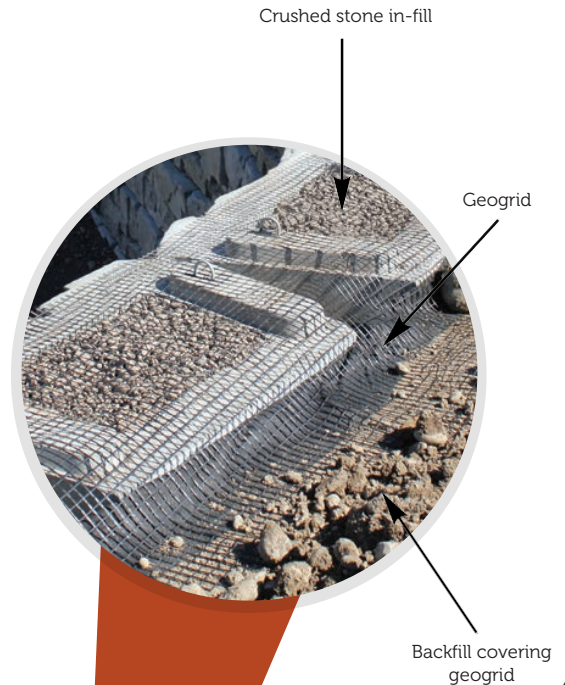
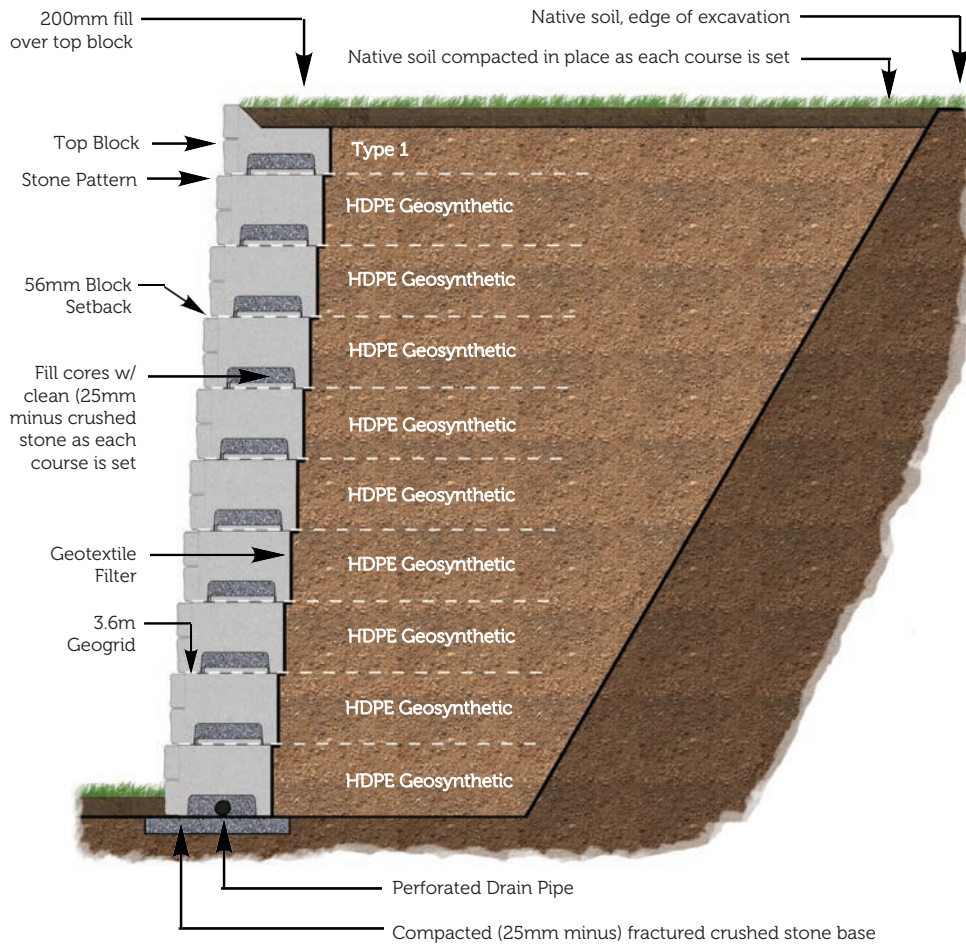
* Taller wall heights are readily achieved with the addition of no-fines concrete behind the wall

Engineered for strength

While the hollow nature of Verti-Block makes it cost effective and easier to handle, it also improves its ability to retain earth. Even in poor soil conditions, Verti-Block can be stacked higher than other blocks without the use of tiebacks or geogrid.

The male-and-female design of Verti-Block adds a stronger connection than blocks relying on friction alone. The crushed stone fill also interlocks and creates a continuous mass for greater strength.

Reinforced Verti-Block Wall



A cost effective solution

Best of all, Verti-Block delivers tremendous cost savings. As a hollow block, Verti-Block is lighter, requiring less manpower, equipment, and transportation costs. It's quick to install, and the product itself is less expensive to manufacture than solid block options. The internal drainage through the block's infill means no over-or under-excavating because no additional crushed stone backfill is required.

Property owners will appreciate the affordability and value of Verti-Block. Add that to the right look and right strength of this unique product, and you will know Verti-Block is the right solution for a great landscape installation.

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Verti-Block Versatility

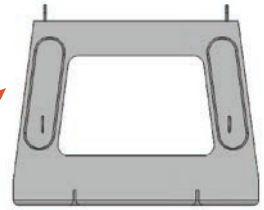
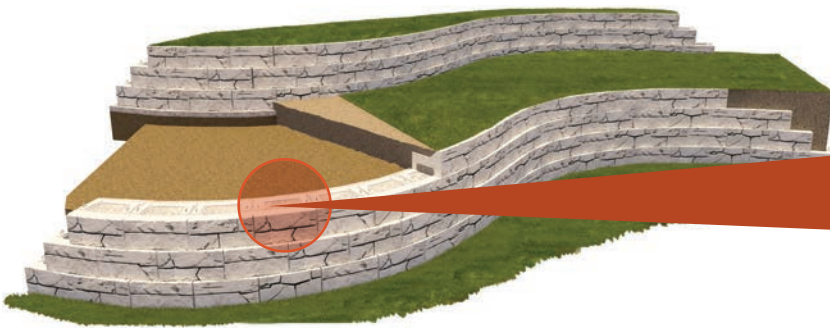
Verti-Block
Now Used In
Bridge
Abutments
And
Sea Walls



A look like no other

Beyond its structural purpose, Verti-Block is a favorite of property owners for its beautiful rockwork look. Verti-Block showcases a 125mm depth of relief, hiding joints, and making a finished wall appear more like stacked stone. Plus, Verti-Block is easily stained to complement its surroundings with a beautiful, weather and UV-resistant finish.

Convex and Concave Verti-Block Walls

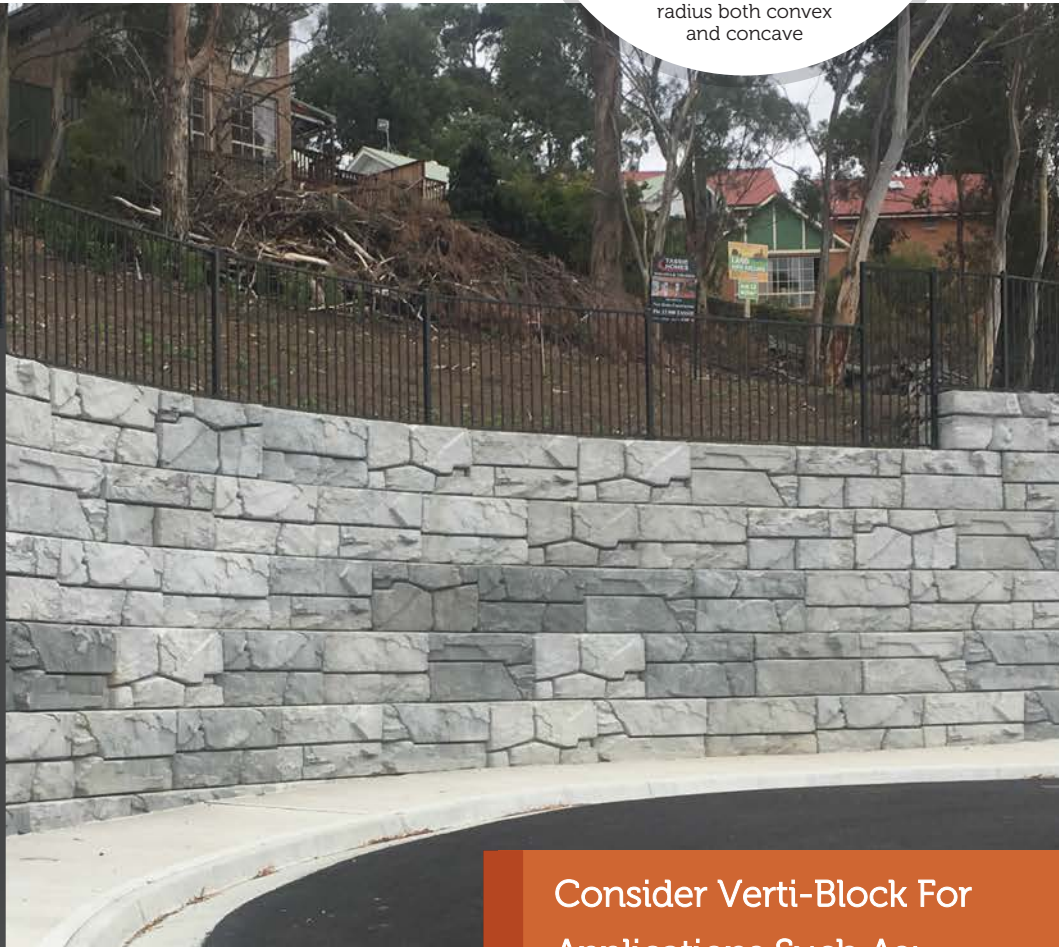


Built-in tapered design enables a 5.0m minimum radius both convex and concave

Perfect for landscape projects big and small

Verti-Block is ideal for a variety of landscaping projects including residential communities, commercial campuses, schools, parks, backyards, and more. Able to accommodate winding landscapes and even tight curves, Verti-Block is designed to add interest to any landscape while securely retaining earth.

For projects also requiring a privacy wall or traffic barrier, Verti-Blocks allow fencing or railing to be constructed directly on top of the Verti-Block structure. Fencing can be placed right to the edge of the wall for an attractive, continuous appearance.



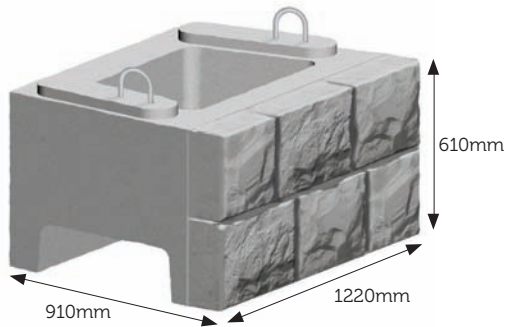
Consider Verti-Block For Applications Such As:

- Gravity walls
- Reinforced walls
- Terracing
- Plantable retaining walls
- Base for fencing or railings
- Property dividers
- Sea Walls
- Bridge Abutments

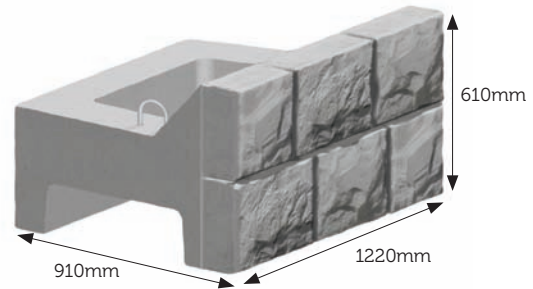
Verti-Block Units

Verti-Block is available in a range of shapes to accommodate all your landscape design needs

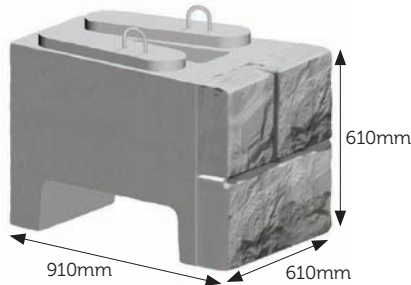
Standard Block
790 kg



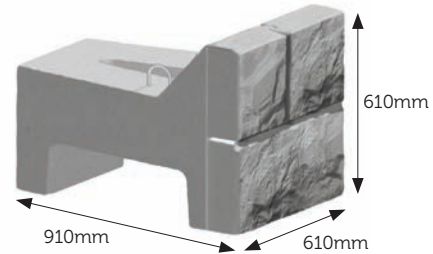
Top Block
590 kg



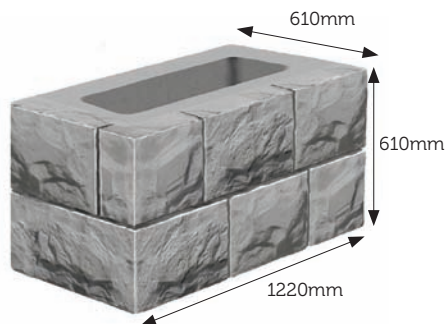
Half Block
480 kg



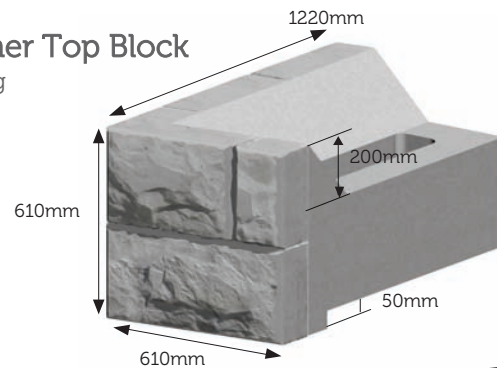
Half Top Block
330 kg



Corner Block
720 kg



Corner Top Block
480 kg



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Verti-Block Units

Verti-Block is the latest innovative product from Verti-Crete, LLC. Recognised worldwide for outstanding aesthetics and a patented system that produces top-quality construction materials, Verti-Block continues to help contractors, developers, and property owners with smart precast solutions.

BridgePro Engineering Pty Ltd is an official Verti-Block licensee for the production, supply and installation of Verti-Block precast products for customers throughout Australia. BridgePro has the expertise and equipment to deliver your project, even in the most demanding of environments. Please do not hesitate to contact us for a free, no obligations consultation at your convenience