



BWS BEST WAY
STONE®

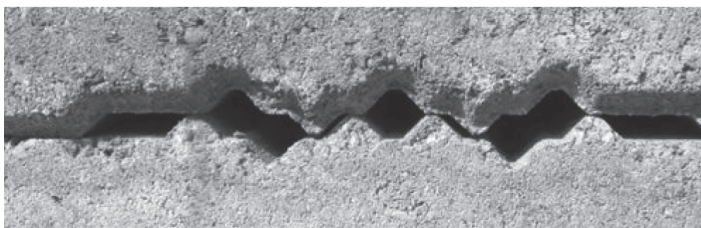
PARKWALL®
RETAINING WALL SYSTEM

**DESIGN
GUIDE**

PARKWALL®

INNOVATION

For more than 25 years, Parkwall® has combined proven performance with exceptional design versatility. Its patented locking system enables straight, setback, inset, reverse, and random wall configurations, allowing contractors and designers to create everything from simple garden walls to large-scale retaining wall applications.



Designed for versatility, Parkwall® can be used to create everything from large retaining walls and sweeping landscape features to garden walls, planters, columns, and steps. Available in a variety of colours and both smooth and split-face finishes, it provides the flexibility to suit projects of any scale.

COLOURS



Beige Mix



Grey



Grey Mix



Winterborn



Ultra Black (Coping Only)

UNITS



REGULAR BLOCK

7.87w x 5.9h x 11.61d in
200w x 150h x 295d mm



TAPERED BLOCK

7.87w (6.89w) x 5.9h x 11.61d in
200w (175w) x 150h x 295d mm



CORNER

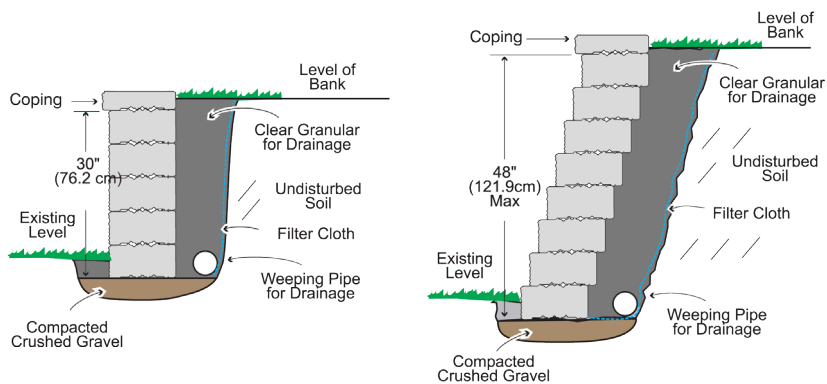
7.87w x 5.9h x 11.61d in
200w x 150h x 295d mm



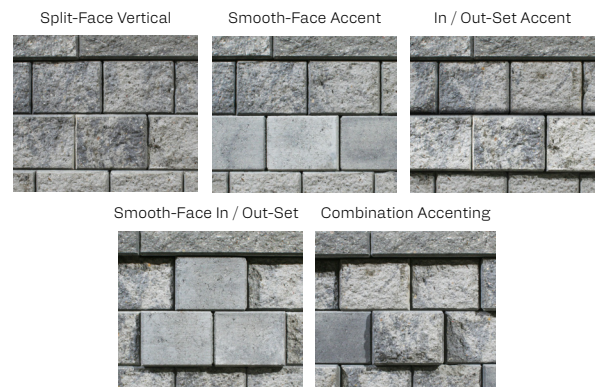
COPING

23.62w x 2.95h x 11.81d in
600w x 75h x 300d mm

EXAMPLE ENGINEERED CROSS SECTIONS



DESIGN VERSATILITY



No block manipulation required. Simply turn the block, or set in and out as desired along the patented locking feature.

INSTALLATION

STEP 1: Excavating and Base Preparation

Mark the location of the wall and excavate a trench 8"–12" (20–30 cm) deep and a minimum of 18" (45.7 cm) wide for walls up to 30" (76.2 cm) in height. Place and compact a minimum of 6" (15.2 cm) of crushed gravel to create a stable base. Use a level to ensure the base is level from front to back and side to side.

For added stability, the first course should typically be buried below grade. For taller walls, the entire base course may need to be buried.



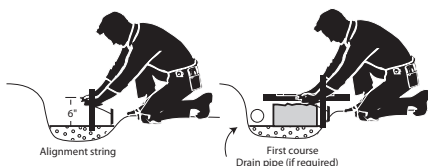
STEP 2: Base Course Installation

Stretch a mason's line between stakes to mark the front of the wall. Position the string approximately 6" (15.2 cm) above the compacted base, equal to the height of one Parkwall® unit.

Place the first course of units along the string line with the desired face exposed. Check each unit for level side-to-side and front-to-back, adjusting as needed with a rubber mallet. Continue until the entire base course is complete.

In poorly drained areas, install a perforated drain pipe at or slightly below the base course. The pipe should be wrapped in filter fabric to prevent clogging and directed to a suitable drainage outlet whenever possible.

Note: Drainage pipe may not be required for lower walls or well-drained sites.



STEP 3: Building the Wall and Backfilling

Once the base course is level and aligned, begin installing the second course using a running bond pattern, staggering joints from the course below. Position each unit to achieve the desired wall configuration, including vertical or setback applications.

After the second course is installed, begin placing and compacting granular backfill behind the wall. Continue backfilling and compacting after each additional course.

Install filter fabric between the granular backfill and the undisturbed soil to prevent fines from migrating into the drainage zone. Continue this process until the wall reaches the desired height.



STEP 4: Top Coping and Final Grading

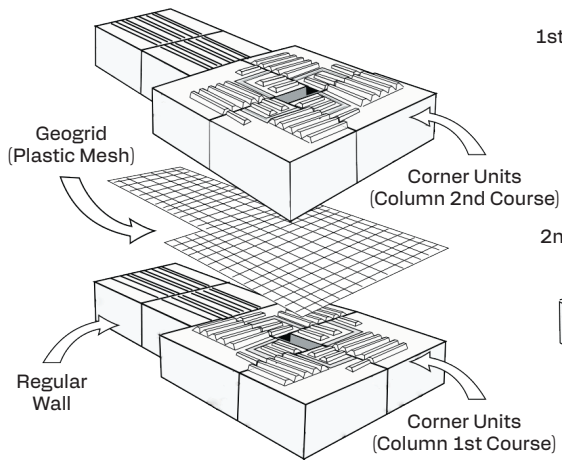
Complete the wall by installing Parkwall® coping units using a recommended concrete adhesive. Apply adhesive approximately 1" (25.4 mm) from both the front and back edges of the wall for optimal stability.

Parkwall® coping is available in a reversible smooth-face and split-face finish. Once the coping is installed, complete final grading by covering exposed gravel with soil and sod or other landscape materials to blend seamlessly with the surrounding area.

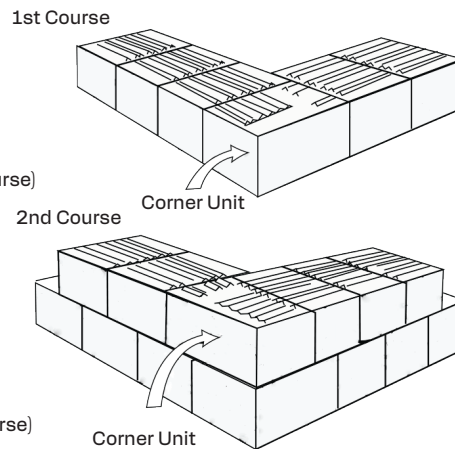


COLUMNS & CORNERS

COLUMN DETAILS



CORNER DETAILS



STEPS

