



INSTALLATION GUIDE

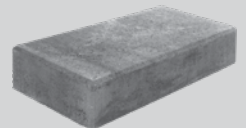
The Melville Wall™ freestanding and retaining wall system is comprised of a double-sided wall unit, along with a matching cap. All system components feature a simplistic design with modern, smooth faces and subtle chamfers. Multiple installation patterns, including the use of cap units within the wall, lend to its flexibility and simplicity. This wall system is targeted at the residential wall markets.

SYSTEM FEATURES AND BENEFITS

- Matching wall and cap units provide a seamless and modern aesthetic.
- Simplistic design allows for easy installation of walls and other outdoor features.
- Multiple installation patterns.

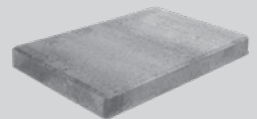
BLOCK

Dims: 4"H x 20"L x 10"D
Weight: 62 lbs.
Coverage: .56 sq. ft.
System Setback: Vertical
Max. Gravity Wall Height: 2"



CAP

Dims: 2"H x 20"L x 13"D
Weight: 40 lbs.
Coverage: 1.67 lin. ft.



Melville Wall Installation Instructions – Best Practices

Before you Begin

Advanced planning and careful layout at the job site help ensure a successful wall project.

- Review the site plan to confirm lot lines, wall location, length and elevations.
- Confirm the location of underground utilities.
- Seek all necessary building permits.
- Be sure to use the right tools and an exterior grade concrete adhesive to glue units in place where noted.
- Always wear protective eye wear.

Step 1: Pre-Installation

Use best practices for excavating and creating the leveling pad using compacted base material. *See Diagram 1.* This pad should extend a minimum of 6" in front of and 6" behind the base course, along with being at least 6" deep.

Step 2: Base Preparation

Install the base course of Melville Wall units so that each block touches the next. Level blocks front to back and side to side with a dead-blow hammer. The base course and 2 inches of the next course will be buried. *See Diagram 2.*

Step 3: Wall Courses

Each course of the wall, including the base course, should be glued using two beads of glue running the length of the block. Each bead should be 3" in from the front and back of the block, along with 3" away from each end to prevent the adhesive from coming through the wall face.

Step 4: Capping the Wall

Always begin capping the wall from the lowest point and working up. Caps should be laid in place prior to gluing to ensure a correct fit. Once fit, caps should be removed one at a time and adhesive should be applied to the top wall course in the same manner as specified in Step 3. Caps should then refit, pressing down to ensure good adhesion and to minimize movement. *See Diagram 3.*

Constructing Columns

When used with a freestanding wall, a column increases wall stability. The column leveling pad should follow the same guidelines as the wall. To build a column, place the first Melville Wall unit and level front to back and side to side. Place the second column unit alongside the first and level the unit. *See Diagram 4.* The next course should be laid in the alternate direct to stagger the joints. Glue every course. Melville Wall columns can either be left uncapped or paired with a cap unit of your choice and glue in place.

Ending a Wall Without a Column

To end a freestanding wall, every other course will require a unit to be cut to length. Ensure that all cut ends are placed within the wall to maintain a clean aesthetic.



Diagram 1—Base Preparation



Diagram 2—Wall Course



Diagram 3—Capping the Wall



Diagram 4—Constructing Columns



Bowman
Construction
Supply Inc.



Quick
Supply Co.



Cascade
GEOSYNTHETICS

LOCATIONS & CONTACT INFO

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GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

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