

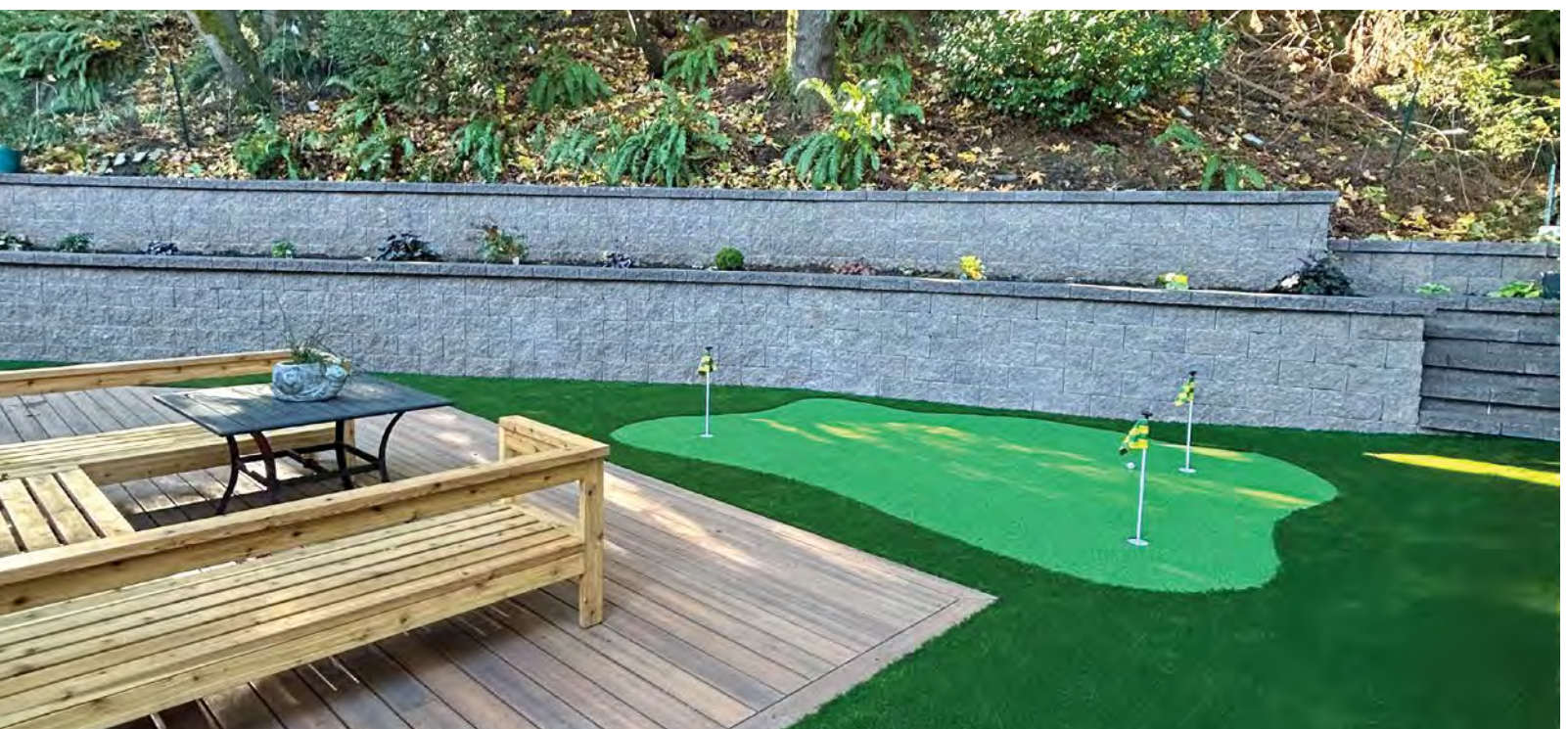


# WALL INSPIRATION

Great Hardscapes Start Here



# TAKE YOUR DESIGN TO NEW HEIGHTS







What does your perfect outdoor space look like? Sleek and modern? Elegant and natural? Steeped in Old World charm? Whatever your vision, the Basalite wall collection will help you bring that vision to life.

Garden Stack	05
Valley Stone™	07
Valley Stone™ Half	09

Valley Stone™ Edge	11
Geowall Pro™	13
Curves and Corners	15

Stairs and Terraces	16
Typical Wall Installations	17
Project Estimating Guide	18







# TRUSTED INNOVATION

Constructed of durable, quality materials by qualified technicians, Basalite wall products stand the test of time, enhancing the functionality and aesthetic appeal of your home for years to come.

**Expertise** | Basalite is the trusted industry leader in hardscape products, with a history of innovation in materials, techniques, and technologies.

**Service** | We're proud of our reputation for exceptional service and reliability among retailers, landscape architects, engineers, and contractors.

**Quality** | Crafted in our local, state-of-the-art facility by qualified hardscape professionals, our wall products meet the highest quality standards.

**Choice** | Create the perfect look with a wide selection of wall styles, finishes and colours to complement every home.

**Durability** | Combining style with strength, Basalite walls are constructed to stand up against the elements and look good for years.







# GARDEN STACK

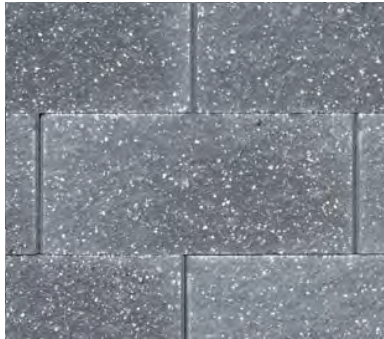
## SIMPLE AND VERSATILE.

Textured on both sides, Garden Stack freestanding wall is attractive from all angles and is perfect for those small landscaping projects that require straight or curved walls.

### COLOURS



Roman

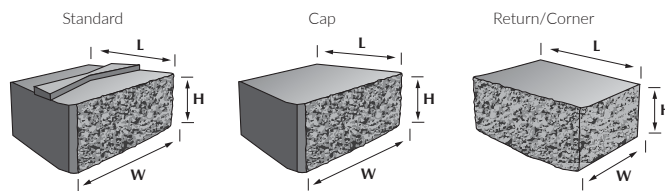


Ebony



Natural

### SPECIFICATIONS



NAME	METRIC DIMENSIONS	IMPERIAL DIMENSIONS	WEIGHT	HEIGHT		
				2FT	3FT	ABOVE 4FT
Standard	148mm W x 200mm W2 x 174mm L x 102mm H	5.81" W x 7.87" W2 x 6.85" L x 4" H	7 kg	X		
Cap	148mm W x 200mm W2 x 174mm L x 102mm H	5.81" W x 7.87" W2 x 6.85" L x 4" H	7 kg	X		
Return/Corner	254mm W x 174mm L x 102mm H	5.81" W x 7.87" W2 x 6.85" L x 4" H	10.3 kg	X		

**2FT**

#### GARDEN

This freestanding wall system can be used for walls up to 2 feet high.

The printed colours shown in this brochure may vary from actual product colours. We recommend selecting colours from actual product samples. Please contact your local dealer for more information.





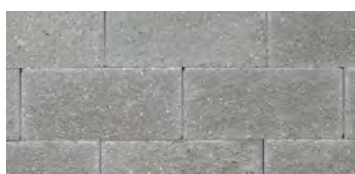


# VALLEY STONE™

## NATURAL AND TEXTURED.

Valley Stone™ is light weight and uses a rear pin and channel connection that make it easy to install. The pin system allows for multiple setback options making Valley Stone the perfect choice for all your retaining wall needs from flower beds to large structural walls.

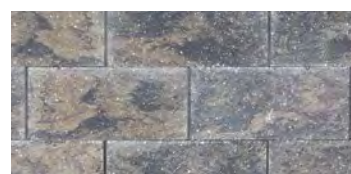
### COLOURS



Natural



Ebony



Tuscany



Roman



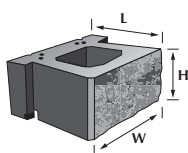
Mountain Tan



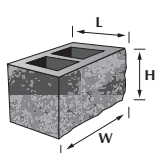
Canyon Blend

### SPECIFICATIONS

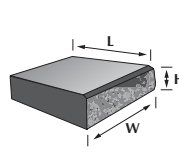
Straight Face



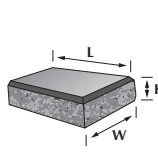
90 Degree Return



Cap



Corner Cap



Pins



NAME	METRIC DIMENSIONS	IMPERIAL DIMENSIONS	WEIGHT	HEIGHT		
				2FT	3FT	ABOVE 4FT
Straight Face	457mm W x 305mm L x 203mm H	18" W x 12" L x 8" H	36 kg	X	X	X
90 Degree Return	457mm W x 229mm L x 203mm H	18" W x 9" L x 8" H	34 kg	X	X	X
Cap	457mm W x 305mm L x 102mm H	18" W x 12" L x 4" H	31 kg	X	X	X
Corner Cap	229mm W x 305mm L x 102mm H	9" W x 12" L x 4" H	15 kg	X	X	X
Pins	95mm L x 12.7mm W	3.75" L x .50" W	-	X	X	X

**2FT**

#### GARDEN

This retaining wall system can be used for gravity walls up to 4 feet high.

**3FT**

#### LANDSCAPE

This retaining wall system can be used for gravity walls up to 4 feet high.

**ABOVE 4FT**

#### STRUCTURAL

This retaining wall system can be used for gravity walls up to 4 feet high. Taller walls can be built using geosynthetic reinforcement when designed by a qualified engineer.

The printed colours shown in this brochure may vary from actual product colours. We recommend selecting colours from actual product samples. Please contact your local dealer for more information.



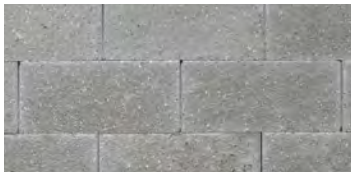




# VALLEY STONE™ HALF FLEXIBLE AND NATURAL.

Valley Stone™ Half retaining wall is a perfect solution for small commercial or residential applications. Its tapered design accommodates tight curves or straight walls and can be used with Valley Stone™ full units to create pattern and interest.

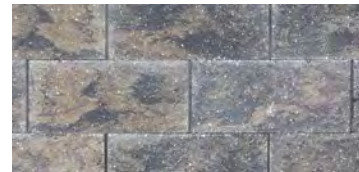
## COLOURS



Natural



Ebony



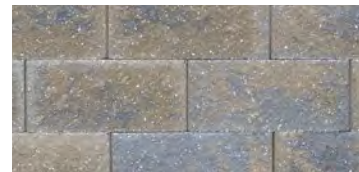
Tuscany



Roman



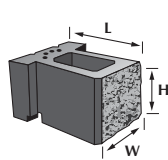
Mountain Tan



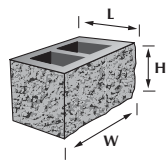
Canyon Blend

## SPECIFICATIONS

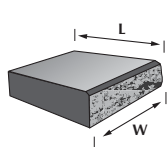
Straight Face



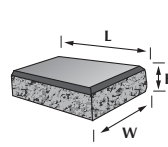
90 Degree Return



Cap



Corner Cap



Pins



NAME	METRIC DIMENSIONS	IMPERIAL DIMENSIONS	WEIGHT	HEIGHT		
				2FT	3FT	ABOVE 4FT
Straight Face	229mm W x 305mm L x 203mm H	9" W x 12" L x 8" H	22 kg	X	X	X
90 Degree Return	457mm W x 229mm L x 203mm H	18" W x 9" L x 8" H	34 kg	X	X	X
Cap	457mm W x 305mm L x 102mm H	18" W x 12" L x 4" H	31 kg	X	X	X
Corner Cap	229mm W x 305mm L x 102mm H	9" W x 12" L x 4" H	15 kg	X	X	X
Pins	95mm L x 12.7mm W	3.75" L x .50" W	-	X	X	X

**2FT**

### GARDEN

This retaining wall system can be used for gravity walls up to 3 feet high.

**3FT**

### LANDSCAPE

This retaining wall system can be used for gravity walls up to 3 feet high.

**ABOVE 4FT**

### STRUCTURAL\*

This retaining wall system can be used for gravity walls up to 4 feet high when combined with Valley Stone™. Taller walls can be built using geosynthetic reinforcement when designed by a qualified engineer.

The printed colours shown in this brochure may vary from actual product colours. We recommend selecting colours from actual product samples. Please contact your local dealer for more information.







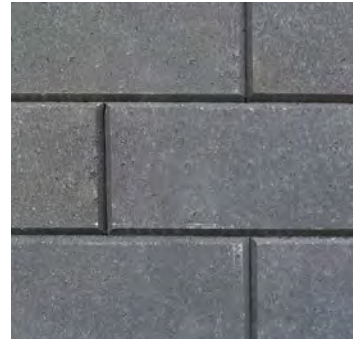
# VALLEY STONE™ EDGE SLEEK AND MODERN.

Valley Stone™ Edge has a smooth face and chamfered edge, giving it a sleek and modern look. This new retaining wall system is light weight and uses a rear pin and channel connection, making it easy to install.

## COLOURS

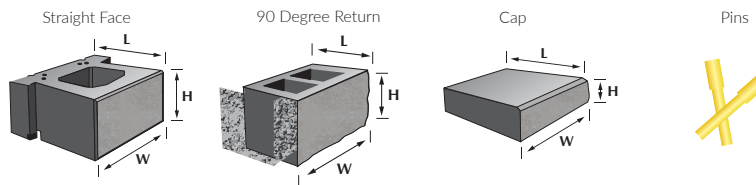


Natural



Ebony

## SPECIFICATIONS



NAME	METRIC DIMENSIONS	IMPERIAL DIMENSIONS	WEIGHT	HEIGHT		
				2FT	3FT	ABOVE 4FT
Straight Face	457mm W x 305mm L x 203mm H	18" W x 12" L x 8" H	36 kg	X	X	X
Cap	457mm W x 305mm L x 102mm H	18" W x 12" L x 4" H	31 kg	X	X	X
Pins	95mm L x 12.7mm W	3.75" L x .50" W	-	X	X	X
90 Degree Return	457mm W x 229mm L x 203mm H	18" W x 9" L x 8" H	34 kg	X	X	X

**2FT** **GARDEN**  
This retaining wall system can be used for gravity walls up to 4 feet high.

**3FT** **LANDSCAPE**  
This retaining wall system can be used for gravity walls up to 4 feet high.

**ABOVE 4FT** **STRUCTURAL**  
This retaining wall system can be used for gravity walls up to 4 feet high. Taller walls can be built using geosynthetic reinforcement when designed by a qualified engineer.

The printed colours shown in this brochure may vary from actual product colours. We recommend selecting colours from actual product samples. Please contact your local dealer for more information.





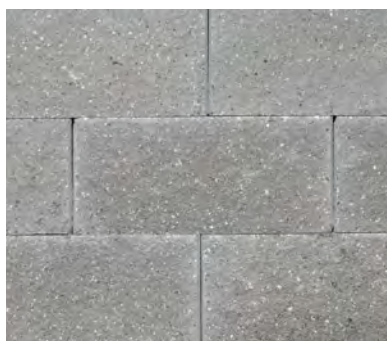


# GEOWALL™ PRO

## CLASSIC AND VERSATILE.

Geowall™ Pro features an open core design and high strength pin connection system that has two setback positions for near-vertical or battered wall construction.

### COLOURS

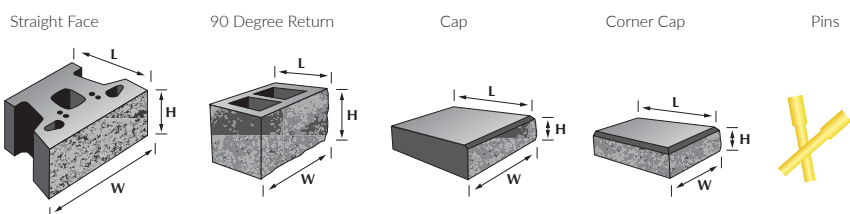


Natural



Mountain Tan  
Special order

### SPECIFICATIONS



NAME	METRIC DIMENSIONS	IMPERIAL DIMENSIONS	WEIGHT	HEIGHT		
				2FT	3FT	ABOVE 4FT
Straight Face	457mm W x 305mm L x 203mm H	18" W x 12" L x 8" H	44 kg	X	X	X
90 Degree Return	457mm W x 229mm L x 203mm H	18" W x 9" L x 8" H	34 kg	X	X	X
Cap	457mm W x 305mm L x 102mm H	18" W x 12" L x 4" H	31 kg	X	X	X
Corner Cap	229mm W x 305mm L x 102mm H	9" W x 12" L x 4" H	15 kg	X	X	X
Pins	95mm L x 12.7mm W	3.75" L x .50" W	-	X	X	X

**2FT** **GARDEN**  
This retaining wall system can be used for gravity walls up to 4 feet high.

**3FT** **LANDSCAPE**  
This retaining wall system can be used for gravity walls up to 4 feet high.

**ABOVE 4FT** **STRUCTURAL**  
This retaining wall system can be used for gravity walls up to 4 feet high. Taller walls can be built using geosynthetic reinforcement when designed by a qualified engineer.

The printed colours shown in this brochure may vary from actual product colours. We recommend selecting colours from actual product samples. Please contact your local dealer for more information.

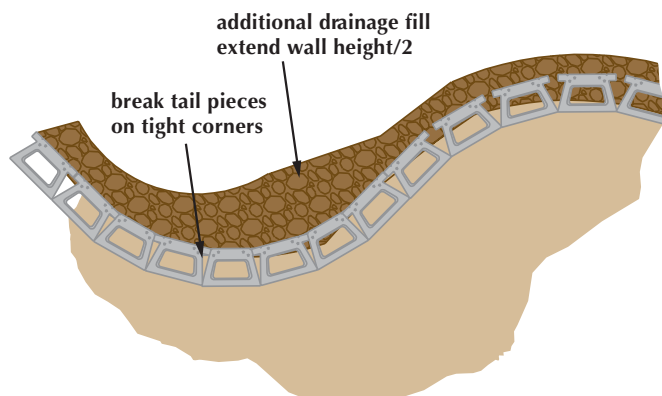




# CURVES AND CORNERS

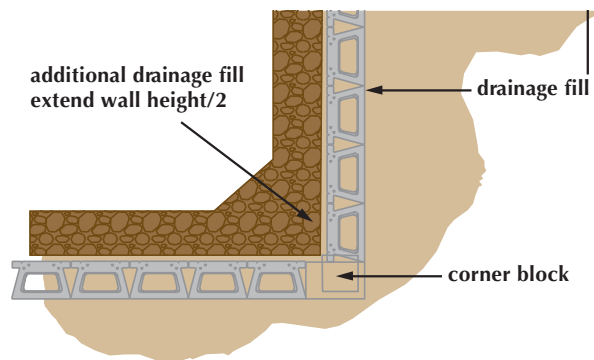
## CURVES

Convex or concave curves are easy to construct with Basalite products and will add gentle grace to any project. For walls with several concave curves, use the near vertical setback pin placement option for best results. Place the units to follow the desired curve. If unit to unit geometry creates a small "V" shaped void on the retained soil side, fill these areas with drainage fill.



## CORNERS

With Basalite, corners are a natural part of your creative design. Nearly all Basalite products are capable of creating a 90° inside or outside corner using a multi-faced unit. For details on how to create 90° corners for your Basalite system, contact your local Basalite distributor.



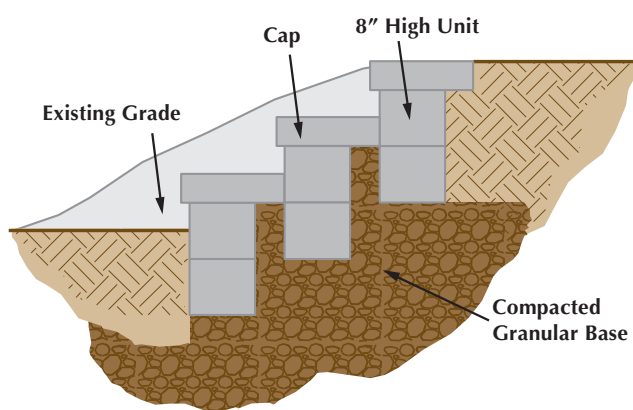




# STAIRS AND TERRACES

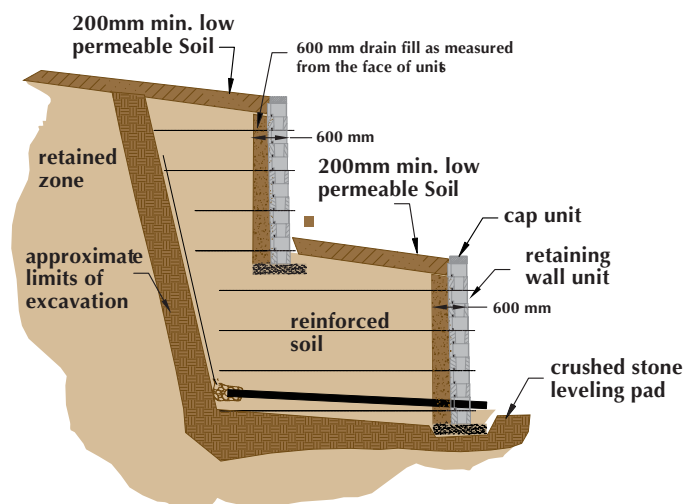
## STAIRS

Stairs can be easily designed with graceful curves or right angle corners to compliment your landscape project. Basalite retaining walls deliver several attractive face options for building steps and stairs. Stair layouts can be customized to suit any application.



## TERRACES

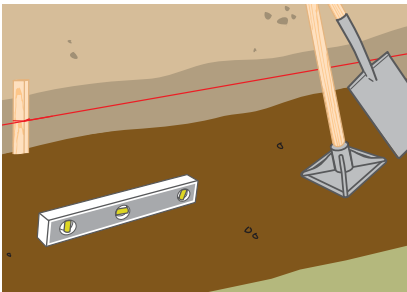
Terraced walls are designed to beautify large walls. Landscape designs are often more attractive when high walls are sectioned off into several smaller walls. Terraced or tiered walls with built in planters give a warm, inviting look to large grade separations.





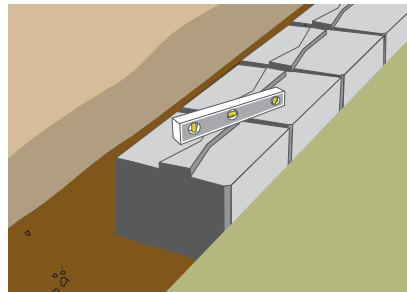
# TYPICAL WALL INSTALLATIONS

Correct wall installation will ensure that your outdoor space looks beautiful for years to come. These instructions provide a basic overview of wall installation methods. Taller walls can be built using Geowall Pro and Valley Stone retaining Wall Systems using geosynthetic reinforcement when designed by a qualified engineer.

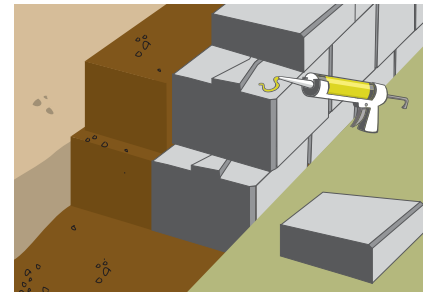


## GARDEN STACK

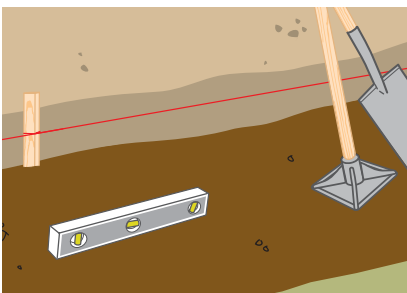
1. Start by digging a shallow trench 4' deep by 12' wide. Cut through and remove any sod, roots or large rocks. For organic loam soils, dig 4' deeper and add a leveling pad of sand or gravel (Sakrete All purpose sand). Compact and level the soil to receive the first course of block.



2. Place and level the first Basalite Garden Stack unit. Level each additional unit on the base course as you place it, making sure that the outside edges touch. If your wall contains both straight and curved areas, start with a straight area and build into the curves. Complete the base course before proceeding to the second course.

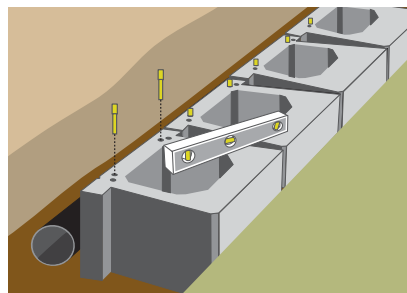


3. Starting with straight areas first, begin placing the second course. Center each Basalite Garden Stack unit on the seams of the course below in a running bond pattern as shown.

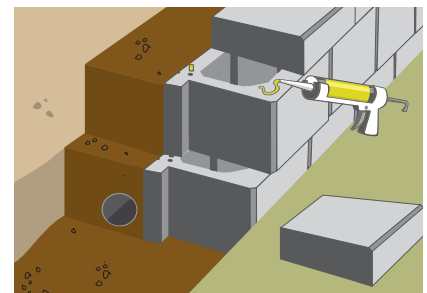


## GEOWALL PRO & VALLEY STONE

1. Start by digging a shallow trench 4' deep by 24' wide. Cut through and remove any sod, roots or large rocks. For organic loam soils, dig 4' deeper and add a leveling pad of base or gravel (Sakrete All purpose sand). Compact and level the soil to receive the first course of block.



2. Place the first Valley Stone with the channel facing down. Level each unit on the base course as you place it, make sure that the outside edges touch. Place wall pins in the appropriate holes, front pinholes are for vertical positions and back pin holes for setback positions. Fill with drain rock. If your wall contains both straight and curved areas, start with the straight area and build into the curves. Complete the base course before proceeding to the second course. A drainage pipe should be placed at rear base of first course.



3. Starting with straight areas first, place the next course of Valley Stone units over the pins. Center each unit on the seams of the course below in a running bond pattern as shown. Now proceed to the next layer backfilling as you go. For drainage behind the wall, use clean gravel or crushed stone. With the top units dry and clean, stack the caps on top of the final row and use a construction adhesive to secure. Caps will need to be cut for walls that have radiuses.



# PROJECT ESTIMATING GUIDE

The Project Estimating Guide lets you know how much you'll need.  
Can't find your wall length in the chart below? Use our online project estimator at [www.basalite.ca/project-estimator/wall/](http://www.basalite.ca/project-estimator/wall/)

PAGES	PRODUCTS	WALL HEIGHT	WALL LENGTH (Measured at wall face including curves)					
			4'	8'	12'	16'	20'	24'
5	Garden Stack	4" (1 course)	6	12	18	24	30	36
		8" (2 courses)	12	24	36	48	60	72
		12" (3 courses)	18	24	36	72	90	108
		16" (4 courses)	24	48	72	96	120	144
		20" (5 courses)	30	60	90	120	150	180

For curved or straight walls. \*Garden Stack Freestanding Wall System can be used for walls up to 2 feet high.

PAGES	PRODUCTS	WALL HEIGHT	WALL LENGTH (Measured at wall face including curves)					
			6'	12'	18'	24'	30'	36'
7, 9, 11, 13	Valley Stone™, Valley Stone™ Half, Valley Stone™ Edge and GeoWall Pro™	8" (1 course)	4	8	12	16	20	24
		16" (2 courses)	8	16	24	32	40	48
		24" (3 courses)	12	24	36	48	60	72
		32" (4 courses)	20	32	48	64	80	96
		40" (5 courses)	24	40	60	80	100	120

For curved or straight walls. Valley Stone, Valley Stone Half, Valley Stone Edge and GeoWall Pro Retaining Wall Systems can be used for gravity walls up to 4 feet high, including buried course, but excluding the cap. Taller walls can be built with these Retaining Wall Systems using geosynthetic reinforcement when designed by a qualified engineer. Height assumes level backfill and clean, compacted sand or gravel and no surcharge.

## STILL HAVE QUESTIONS?

We're here to help you get the information and products you need.  
Visit us at [basalite.ca](http://basalite.ca)



# QUALITY FROM START TO FINISH

Located in the Lower Mainland of British Columbia, our state-of-the-art facility enables us to control every step of the manufacturing process and ensure the highest standards of quality and durability. When you choose Basalite walls your outdoor spaces will stand the test of time and stylish enough to look good doing it.

basalite.ca

©2025 Basalite® Concrete Products, ULC. All trademarks ® are registered trademarks. 11/2024

follow us

