

LINEO DIMENSIONAL

UNILOCK[®]

Concrete Retaining Wall



Installation Guide

VB
VAN BEEK'S
LANDSCAPE SUPPLY

www.vanbeeks.com

LINEO™ DIMENSIONAL STONE

UNILOCK

TECH SHEET

REGION NEW YORK









UNILOCK Exclusive Technologies

■ CLASSIC COAT



APPLICATIONS

Note: Not all sizes are suitable for every application. Contact Unilock Representative for assistance.

 <p>Fire Features</p>	 <p>Garden Walls</p>
 <p>Non structural Wall RetainingWall Under 3', SeatWall, Garden Walls, Water Features, Outdoor Kitchen, Fire Features, Pillars</p>	 <p>Outdoor Kitchen</p>
 <p>Water Features</p>	 <p>Pillars</p>

COLORS

ALMOND GROVE FINISH: CLASSIC



XL RECTANGLE
600mm x 100mm x 200mm
23 5/8" x 3 7/8" x 7 7/8"



LARGE RECTANGLE
500mm x 100mm x 200mm
19 3/4" x 3 7/8" x 7 7/8"



RECTANGLE
400mm x 100mm x 200mm
15 3/4" x 3 7/8" x 7 7/8"



SMALL RECTANGLE
300mm x 100mm x 200mm
11 7/8" x 3 7/8" x 7 7/8"

SIERRA FINISH: CLASSIC



XL RECTANGLE
600mm x 100mm x 200mm
23 5/8" x 3 7/8" x 7 7/8"



LARGE RECTANGLE
500mm x 100mm x 200mm
19 3/4" x 3 7/8" x 7 7/8"



RECTANGLE
400mm x 100mm x 200mm
15 3/4" x 3 7/8" x 7 7/8"



SMALL RECTANGLE
300mm x 100mm x 200mm
11 7/8" x 3 7/8" x 7 7/8"

**LIMESTONE
FINISH: CLASSIC**



XL RECTANGLE
600mm x 100mm x 200mm
23 5/8" x 3 7/8" x 7 7/8"



LARGE RECTANGLE
500mm x 100mm x 200mm
19 3/4" x 3 7/8" x 7 7/8"



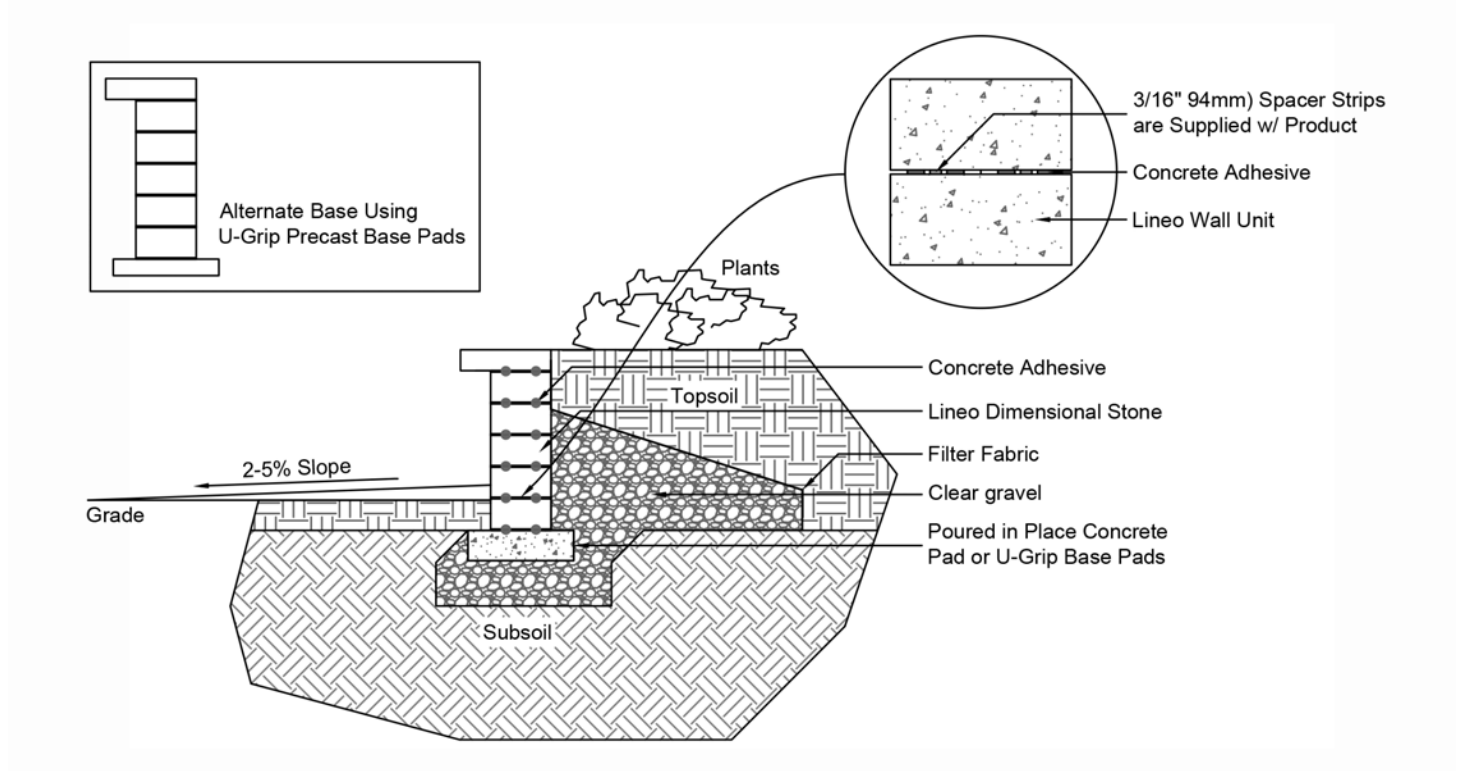
RECTANGLE
400mm x 100mm x 200mm
15 3/4" x 3 7/8" x 7 7/8"



SMALL RECTANGLE
300mm x 100mm x 200mm
11 7/8" x 3 7/8" x 7 7/8"

TYPICAL CROSS SECTION

Note: Base, screed bed, infill aggregates and or reinforcements may vary based on project requirements or as specified by engineer.



PACKAGING

	(100) RANDOM BUNDLE	PILLAR UNIT
UNIT THICKNESS (MM)	100	100
LAYERS PER BUNDLE	3	3
FCFT PER BUNDLE	29.92	48.24
FCFT PER LAYER	9.97	16.08
FCFT PER UNIT	0.50	0.67
LBS PER BUNDLE	2,642.80	2,808
LBS PER LAYER	880.93	936
LBS PER UNIT	44.05	39

INSTALLATION NOTES

LINEO™ DIMENSIONAL STONE

Lineo Dimensional Stone is a modern version of the well known Brussels Dimensional Stone family. Lineo is the un-tumbled version with uniquely modern features.

Applications – Design and build projects such as planters, steps, grill islands, pillars, seat walls and water features. Recommended for straight applications only.

Capacity – walls up to 2 ft. (60 cm) in height and hardscape features up to 4 ft. (1.2m)

Recommended Base Stabilization – one layer of DriveGrid™ stabilization grid between subgrade and base material. Use under Standard Base or Permeable Base.

Standard Base – Min. 6" – 8" of ¾" Crusher Run gravel (any road base standard in accordance with ASTM-D2940) compacted to 98% Standard Proctor Density (SPD).

Alternative Permeable Base – Min. 6" – 8" of ¾" clear open-graded stone compacted to achieve full particle lock-up and consolidation. (Clear open-graded does not compact but does consolidate slightly by rattling the particles together).

Leveling – Leveling retaining wall blocks directly on top of gravel is tedious and generally does not yield the best results. U-Grip Base units or universal base pads are recommended under all Unilock walls for improved accuracy and speedier installation. Additional benefits include long term structural integrity and an overall better appearance. Poured concrete leveling pads, reinforced with rebar, are also a great way to accomplish leveling, particularly for larger installations. You must ensure that the concrete is poured and finished perfectly in order to achieve a good visual appearance.

Connection – Lineo has small spacer strips that are placed between the blocks during construction to create a 3/16" (4mm) gap between units. Lineo relies on a concrete adhesive for connection between units. In order to make a connection between blocks, the adhesive must be "mounded" higher than 3/16" (4mm) in evenly spaced blobs so that it adheres the units together. Always read adhesive manufacturers' directions prior to gluing.

Handling – Handle carefully so you don't chip the nice crisp edges.

Coping - This wall does not require coping, but coping is generally used to complete the installation visually. Choose a manufactured coping such as Unilock Universal Coping or any of our natural stone coping options. Install with tight joints or 3/16" gap between units and amend with an exterior latex caulking. Cutting may be required; a diamond blade saw is required to cut coping properly. Glue all coping using a specially formulated concrete adhesive that is strong and will not break down over time. Always read adhesive manufacturers' directions prior to gluing.

Contact Unilock Representative for actual color samples and availability. Unilock reserves the right to change product information without notice.

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