

SONOMASTONE™

UNILOCK®

TECH SHEET

REGION ONTARIO



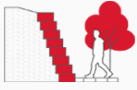
UNILOCK® Exclusive Technologies

■ CLASSIC COAT



APPLICATIONS

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



Retaining Wall

COLORS

NATURAL FINISH: CLASSIC



TAPERED

590mm x 185mm x 375mm
23 1/4" x 7 3/8" x 14 7/8"



STANDARD

1,200mm x 185mm x 375mm
47 1/4" x 7 3/8" x 14 7/8"



DOUBLE UNIT

1,200mm x 185mm x 750mm
47 1/4" x 7 3/8" x 29 5/8"



CORNER DOUBLE UNIT

975mm x 185mm x 375mm
38 1/2" x 7 3/8" x 14 7/8"

NATURAL FINISH: CLASSIC



COPING

1,200mm x 185mm x 375mm
47 1/4" x 7 3/8" x 14 7/8"

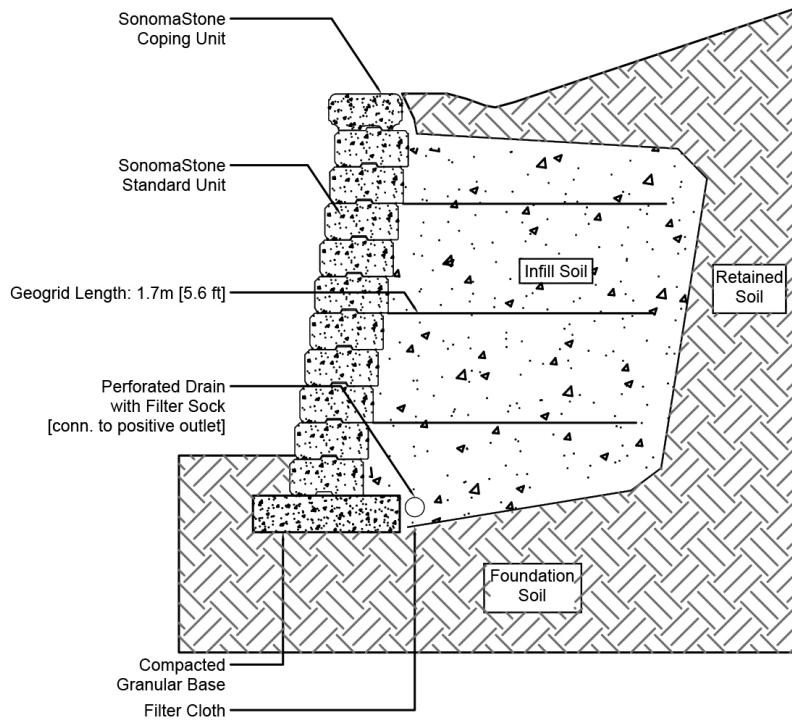


TAPERED COPING

590mm x 185mm x 375mm
23 1/4" x 7 3/8" x 14 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

	TAPERED	STANDARD	STANDARD DOUBLE	CORNER DOUBLE UNIT	COPING	TAPERED COPING
UNIT THICKNESS (MM)	185	185	185	185	185	185
LAYERS PER BUNDLE	3	3	3	3	3	3
FCFT PER BUNDLE	21.15	21.63	14.43	16.11	21.63	10.59
FCFT PER LAYER	7.05	7.21	4.81	5.37	7.21	3.53
FCFT PER UNIT	1.18	2.40	4.81	5.37	2.40	1.18
UNITS PER BUNDLE	18	9	3	3	9	9
UNITS PER LAYER	6	3	1	1	3	3
LBS PER BUNDLE	3,524.99	3,469.97	3,473.10	2,148	3,450	1,620
LBS PER LAYER	1,175	1,156.66	1,157.70	716	1,150	540
LBS PER UNIT	195.83	385.55	1,157.70	716	383.33	180

INSTALLATION NOTES

Sonomastone™

A machine-installed wall with the look of hand-placed units. The combination of unit-size, design and a patent-pending installation clamp gives you unrivaled installation productivity, making SonomaStone one of the most efficient heavy-duty retaining wall systems available today.

Applications – Structural retaining walls for large embankments.

Capacity – Gravity walls up to 13' (4m). Geogrid reinforced walls up to 39 ft. (12m). Refer to site engineer's specifications for exact installation requirements.

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 – Install directly on a compacted granular base. Install level end to end as well as front to back. Poured concrete leveling pads, reinforced with rebar, are also a great way to accomplish leveling, especially for larger installations. You must ensure that the concrete is poured and finished perfectly in order to achieve a good visual appearance.

Connection – features a tongue and groove connection. Use appropriate concrete adhesive for connection between units where the key has been removed or for corners. Always read adhesive manufacturers' directions prior to gluing.

Handling – This is a mechanically placed wall system. Special clamps for lifting are available for use during project.

Coping - This wall requires the SonomaStone specific coping. Coping attaches with tongue and groove connection. No adhesive required.

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

PDF Generated October 29, 2024, 5:05 pm