

PISA SMOOTH™

UNILOCK

TECH SHEET

REGION ONTARIO



UNILOCK Exclusive Technologies

■ CLASSIC COAT

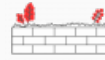


APPLICATIONS

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



Fire Features



Garden Walls



Non structural Wall

RetainingWall Under 3', SeatWall, Garden Walls, Water Features, Outdoor Kitchen, Fire Features



Outdoor Kitchen



Structural Wall

RetainingWalls Over 3', CommunityEntranceWall, Amphitheatre



Water Features



Pillars

COLORS

CLIFFSIDE GREY FINISH: CLASSIC



COPING

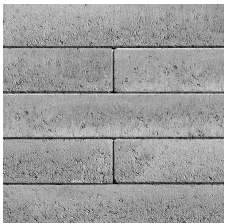
550mm x 85mm x 350mm
21 3/4" x 3 3/8" x 13 7/8"



CORNER

550mm x 85mm x 275mm
21 3/4" x 3 3/8" x 10 7/8"

GRANITE FINISH: CLASSIC



COPING

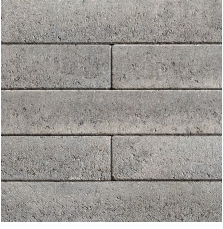
550mm x 85mm x 350mm
21 3/4" x 3 3/8" x 13 7/8"



CORNER

550mm x 85mm x 275mm
21 3/4" x 3 3/8" x 10 7/8"

DUSK
FINISH: CLASSIC



CORNER
550mm x 85mm x 275mm
21 3/4" x 3 3/8" x 10 7/8"



COPING
550mm x 85mm x 350mm
21 3/4" x 3 3/8" x 13 7/8"

SAFARI
FINISH: CLASSIC

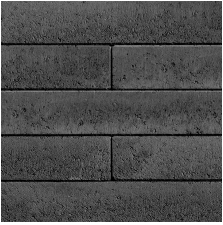


CORNER
550mm x 85mm x 275mm
21 3/4" x 3 3/8" x 10 7/8"



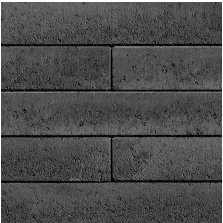
COPING
550mm x 85mm x 350mm
21 3/4" x 3 3/8" x 13 7/8"

CHARCOAL
FINISH: CLASSIC



CORNER
550mm x 85mm x 275mm
21 3/4" x 3 3/8" x 10 7/8"

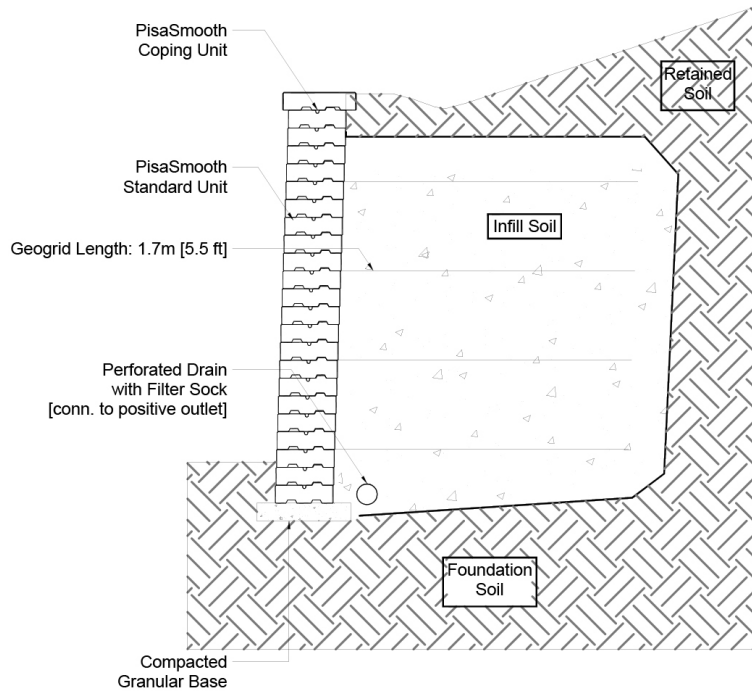
MIDNIGHT CHARCOAL
FINISH: CLASSIC



COPING
550mm x 85mm x 350mm
21 3/4" x 3 3/8" x 13 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

	COPING	CORNER	STANDARD / CORNER	STD JUMPER / CORNER
UNIT THICKNESS (MM)	85	85	85	170
LAYERS PER BUNDLE	6	6	6	3
FCFT PER BUNDLE	18.12	36.24	27.17	27.17
FCFT PER LAYER	3.02	6.04	4.53	9.06
FCFT PER UNIT	0.50	0.76	0.57	1.13
UNITS PER BUNDLE	36	48	48	24
UNITS PER LAYER	6	8	8	8
LBS PER BUNDLE	2,763	2,880	2,653.68	2,652.24
LBS PER LAYER	460.50	480	442.28	884.08
LBS PER UNIT	76.75	60	55.29	110.51

INSTALLATION NOTES

PISA SMOOTH™

Applications – Design and build projects such as planters, steps, grill islands, pillars, seat walls and water features. Can be used for straight and curved installations (Radius 5' is the tightest radius).

Capacity – Gravity walls up to 24" (1m). Geogrid reinforced walls can be built higher with engineering from a professional engineer.

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 – features a tongue and groove connection between layers. 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 – Avoid bumping units against each other to prevent chipping.

Coping - This wall requires coping. Choose a manufactured coping such as Pisa Coping, 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.

PDF Generated May 29, 2024, 1:09 pm

UNILOCK