

ECO-OPTILOC™

 PERMEABLE



NATURAL

VISUAL APPEARANCE

This paver has gained world-wide acceptance as the paver-of-choice for performance, and as an environmental solution for drainage. Only the patented "L" shaped design allows you to achieve a superior lock-up that can withstand even the heaviest of loads residentially and commercially.

FINISH

The innovative design creates small voids between the pavers providing drainage into the sub-base.

PRODUCT SPECIFICATIONS



10¼ x 10¼ x 3⅛"
250 x 250 x 80mm

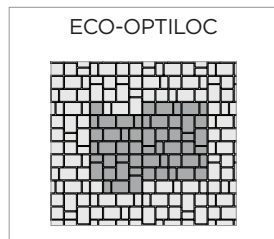
Eco-Optiloc™ can be machine laid to allow for ease of installation.

EDGE DETAILS



CHAMFERED

LAYING PATTERNS



PERMEABLE PAVEMENT DATA

Large: 3/8" to 1/2" Joint	JOINT MATERIAL	JOINT WIDTH*	VOID SPACE*	SURFACE INFILTRATION RATE**	MIN. INFILTRATION RATE FOR RAINFALL OF:			
					2" / HR	4.5" / HR	6.5" / HR	11" / HR
	HPB	12mm	7.3%	404" / HR	27	62	89	151
	ASTM #8 IDOT CA-16	12mm	7.3%	912" / HR	27	62	89	151

*Joint Width is measured at the top of the paver. Void Space is calculated at the base of the paver. **Infiltration rate is based on testing done when first installed and is an approximate. Permeable spacers are available for use with extended range of Unilock products.

*Colour selection should be chosen from actual samples.

TECHNICAL INFORMATION

ASTM C 936 Standard Specifications for Solid Concrete Interlocking Paving Units

- Conforms to:
- C140 for Absorption 5% avg - 7% max
 - Compressive Strength > 7,200 PSI avg.
 - C67 for Freeze-thaw Durability
 - C418 for Abrasion Durability
 - Dimensional Accuracy +/- 3 mm
- Test results available upon request*

Meets the U.S. Architectural & Transportation Barrier Compliance Board Slip-Resistance Surfaces Advisory Guidelines

SOLAR REFLECTIVE INDEX (SRI) TESTING DETAILS

Product	Solar Reflectance	SRI
Natural	0.30	32 

LEED INFORMATION

Materials & Resources: LEED V4:

- Building Product Disclosure and Optimization
- Sourcing of Raw Materials - Sourcing of Raw Materials and Extraction • **1 point**
- Sourcing of Raw Materials - Leadership Extraction Practices • **1 point**
- Material Ingredient Reporting - Material Ingredient Reporting • **1 point**
- Material Ingredient Reporting - Material Ingredient Optimization • **1 point**
- Environmental Product Declaration • **1 point**

TECHNICAL ADVANTAGES

 **PERMEABLE**

Can be installed to allow water to flow through

CLASSIC

Budget-friendly. Utilizes a traditional product mix of large and small aggregates that's consistent from top to bottom with colour mixed throughout

DRIVE FRIENDLY

Can handle vehicular loads
Ask about our base stabilization system

PRODUCT DATA

Stones & Bundling	Unit		SqFt Per				Per Bundle		Soldier LnFt Per			Sailor LnFt per			Units Per			Lbs Per		
	Thickness	Bundle	Layer	Section	Stone	Layers	Sections	Unit	Section	Bundle	Unit	Section	Bundle	SqFt	Section	Bundle	Layer	Section	Bundle	
Gormley Manufacturing																				
Standard	3 1/8" (80mm)	75.36	9.42	-	0.50	8	-	-	-	-	-	-	-	1.98	-	152	321	-	2,614	

Notes: This product is optimized for mechanical installation. Product is sold in full bundles only on a refundable skid. **Eco-Optiloc is available in Series™ and Il Campo® finishes. Custom colours are also available. Minimum quantities apply on custom orders.** All measurements are nominal. For more information, samples or custom options, please contact your Unilock Territory Manager or call 1-800-UNILOCK.

APPLICATIONS



Permeable (Heavy Duty)



Pedestrian



Residential Vehicular



Commercial Vehicular

RECOMMENDED SANDS




 **Romex: Rompox® Flex Joint**
Pedestrian, Vehicular and Heavy Duty Vehicular Applications

- | Viscous elastic jointing mortar (sand and rubber)
- | Suitable for vehicular rated and unbonded surfaces
- | Water permeable, self compacting and water emulsifiable during installation
- | Medium to heavy traffic up to 25 T
- | Three colours: Neutral, Stone Grey and Basalt

Coverage:

Colour	12mm Joints
Neutral, Stone Grey, Basalt <i>25 kg bucket / 55 lb bucket</i>	27 sqft / 55 lb bucket <i>(based on 1,000 sqft)</i>



 **Alliance Gator Aqua Rock**
Residential & Commercial Applications

- | For permeable paver joints
- | Helps prevent erosion due to climatic conditions
- | Use as bedding and jointing material
- | Graded to meet ASTM No. 9 water rate
- | Long term high infiltration performance
- | 2,200 lb Super Sack available for large applications

Coverage:

Size	Area
50 lb bag	20-25 sqft
2,200 lb Super Sack	880-1100 sqft

(Based on 60mm paver)

**Please refer to Sands & Sealers on pages 190-202 for more detailed information.*

Unsured of bonded vs. unbonded product recommendations? Please contact your Unilock Territory Manager for more information.