



# Eco-Optiloc™



1-800-UNILOCK | [UNILOCK.COM](http://UNILOCK.COM)

**UNILOCK**  
PAVERS & WALLS

# ECO-OPTILOC™



NATURAL

## PRODUCT ATTRIBUTES

|                   |   |
|-------------------|---|
| 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 3⅞"  
250 x 250 x 80mm

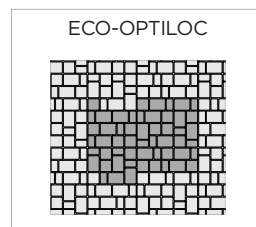
Eco-Optiloc™ can be machine laid - to allow for ease of installation.

## EDGE DETAILS



CHAMFERED

## LAYING PATTERNS



## RECOMMENDED SAND



### Gator Aqua Rock

- For 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 Supercack available for large applications

### Coverage:

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

(Based on 60mm paver.)

## PERMEABLE PAVEMENT DATA

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

\*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.

## 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**

## TECHNICAL ADVANTAGES



### PERMEABLE

Can be installed to allow water to flow through

## CLASSIC

These products utilize 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

## 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          | -        | -                | -       |        | -               | -       | -      | 1.99      | -       | 147    | 321     | -       | 2,564  |

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 II Campo® finishes. Custom colors are also available. Minimum quantities apply on custom orders.** All measurements are nominal. Contact your Unilock Territory Manager or call 1-800-UNILOCK for further information. \*For custom options, please contact your Unilock Territory Manager.\*For custom options, please contact your Unilock Territory Manager.

## APPLICATIONS



Permeable (Heavy Duty)



Pedestrian



Residential Vehicular



Commercial Vehicular

## 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**