

Uni-Ecoloc®

Heavy-duty Permeable Interlocking Concrete Paver

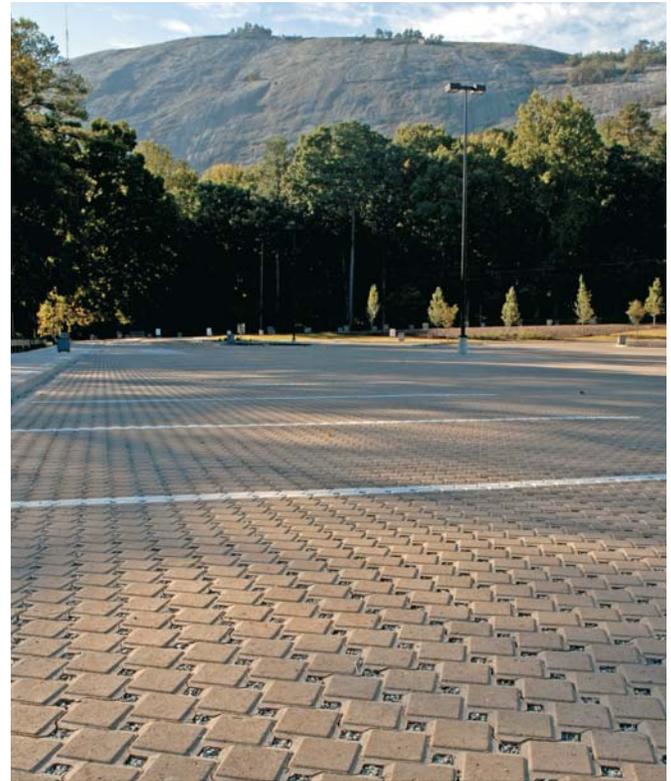
Uni-Ecoloc® is an environmentally beneficial heavy-duty paving system designed to reduce stormwater runoff on industrial and commercial pavements. Uni-Ecoloc® permeable pavements are a site-scale infiltration technology that is ideal for meeting NPDES regulations, LID and Smart Growth objectives, LEED® certification, impervious cover restrictions, and green building requirements.

- Can be designed to accommodate a wide variety of stormwater management objectives
- Runoff volume reductions of up to 100% depending on project design parameters
- Maximizes groundwater recharge and may be used for rain water harvesting for re-use
- Reduces nonpoint source pollutants in stormwater, thereby mitigating impact on surrounding surface waters, and may lessen or eliminate downstream flooding/streambank erosion
- Allows better land-use planning and more efficient use of available land for greater economic value, especially in high-density, urban areas
- May decrease project costs by reducing or eliminating drainage and retention/detention systems
- May reduce cost of compliance with stormwater regulatory requirements and lower utility fees
- May reduce heat island effect and thermal loading on surrounding surface waters
- Are an EPA-recommended Best Management Practice

Ecoloc® features all the same attributes and features of our Eco-Stone® permeable paver with the added benefit of supporting industrial loads. It's L-shaped design can be used together with our industrial traditional interlocking paver, UNI-Anchorlock® to provide design professionals with the option of combining solid pavement areas with permeable areas. When installed, Ecoloc's patented shape creates funnel-shaped drainage openings that facilitate the infiltration of stormwater runoff. Ecoloc® may be installed manually and is especially suited to mechanical installation.

For information on design and construction, please consult the *UNI Eco-Stone® Design Guide and Research Summary*.

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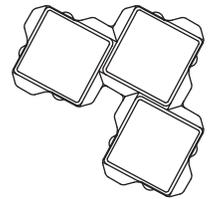


Physical Characteristics

Height/Thickness	3 1/8" = 80mm
Width	8 7/8" = 225mm
Length	8 7/8" = 225mm
Pavers per sq ft	= 2.41
Percentage of drainage void area per sq ft	= 12.18%

Composition and Manufacture

Minimum compressive strength - 8000psi
 Maximum water absorption - 5%
 Meets or exceeds ASTM C-936 and freeze-thaw testing per section 8 of ASTM C-67.



Ecoloc® pavers are ideal for municipal, commercial and industrial applications, including:

- Parking lots and streets
- Loading docks
- Factory yards
- Industrial parks
- Container and bus terminals
- Storage depots
- Industrial plants and ports
- Military installations

Ecoloc® pavement infiltration rates can be maintained by periodic street sweeping/vacuuming. Pavements may be snow plowed in the winter and less deicing salts are needed as snow melts and drains through the surface.



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