



# Aqua-Bric® Pavers



 Pavers by **Ideal**®  
IDEAL CONCRETE BLOCK COMPANY, INC.



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## INTRODUCTION

Aqua-Bric is a pedestrian friendly, ADA compliant permeable interlocking concrete paver. Properly installed, Aqua-Bric creates a smooth, stable pavement that accommodates pedestrians, wheelchairs and passenger vehicles while allowing stormwater to drain through the pavement and infiltrate into the soil below.

## FEATURES

- Provides 100% stormwater infiltration - up to 6" of rain-fall per hour over the 30-year design life of the pavement
- Withstands NaCl deicing salts, and snow can be safely and easily removed with snow shovels, snow blowers or snow plows
- Qualifies for credits under the LEED® Green Building Certification System
- Cost is comparable to conventional impervious pavement with catch basins and underground pipe
- Outperforms other types of porous pavements

## COMPOSITION & PERFORMANCE

Aqua-Bric permeable pavers are manufactured under controlled factory conditions offering superb quality, strength and durability. In the event underground repairs are required, the stones can be lifted and reinstated without leaving an unsightly patch. Aqua-Bric pavers form a skid and slip-resistant surface with notched openings that comply with ADA criteria for joint spacing and chamfer width. Aqua-Bric is suitable for walkways, patios, sidewalks, courtyards, plazas and residential driveways. For pavements with heavy duty traffic, the Aqua Bric IV™ style (8 cm thick) is capable of supporting H20 loads.

## PHYSICAL CHARACTERISTICS

Aqua-Bric pavers meet or exceed North American industry standards, including the requirements of ASTM C 936 for Solid Concrete Interlocking Paving Stones and CSA Standards for freeze-thaw performance. Our strict quality control ensures consistent strength, color and size.

**Nominal Size/Coverage:** 4" x 8" • 4.5 pcs/sf

**Thicknesses:** 2 3/8" (6 cm)

*Note: A 3 1/8" (8 cm) thickness, Aqua-Bric IV, is also available*

**Compressive Strength:** 8500 psi minimum

**Water Absorption:** 5% maximum

**Freeze Thaw:** No Effect

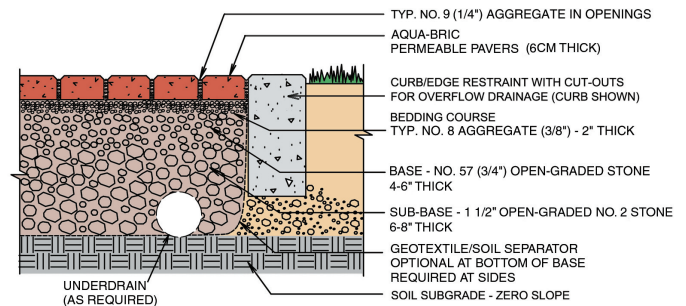
**Slip and Skid Resistance:** Excellent to ADA

Aqua-Bric® is a trademark of Advanced Pavement Technology

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## DESIGN & CONSTRUCTION

Permeable interlocking concrete pavements use open-graded aggregates for the base, setting bed and joint fill, as they provide void space to accommodate stormwater infiltration. The illustration shown below represents a typical installation, though permeable interlocking pavements should be designed by design professionals to meet project parameters. The base/sub-base must be of adequate thickness to support traffic and meet hydrological requirements. If the subgrade is comprised of low-draining soils such as clay, a perforated pipe is usually placed in the base to remove excess water.

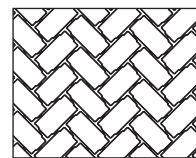


## MAINTENANCE

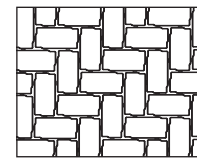
Permeable pavers function as an effective stormwater treatment system and remain clog-free for years with reasonable good housekeeping practices. Keep the pavement free of leaves, weeds, and sediment. Avoid the use of sand in the winter; if used, spread sparingly. Periodically sweep the openings to remove crust that forms on the surface. A stiff bristle broom works well for residential walks and driveways, while a conventional commercial sweeper is appropriate for parking lots. If puddles result from clogging, infiltration rates can be restored to 100% capacity by removing the aggregate from the openings and replacing it with clean material. Do not pressure wash.

## TECHNICAL SERVICES

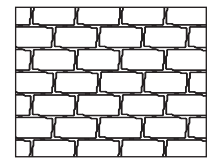
Please contact our sales office or visit our website at [www.idealconcreteblock.com](http://www.idealconcreteblock.com) for comprehensive technical information and literature.



45° Herringbone



90° Herringbone



Running bond

*A white deposit known as efflorescence may appear naturally on any concrete or masonry product. It does not effect the structural integrity and will diminish over time. Efflorescence is not indicative of a flawed product. For more information, ask for Ideal's Efflorescence Advisory.*

45-55 Power Road, Westford, MA 01886  
232 Lexington Street, Waltham, MA 02452

Main Phone: (781) 894-3200 • Main Fax: (978) 692-0817

[www.IdealConcreteBlock.com](http://www.IdealConcreteBlock.com)

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