

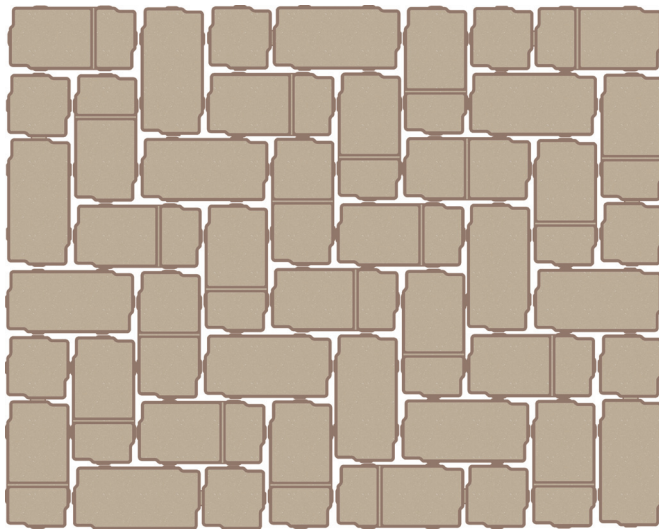
Aqua-Bric® IV

Pedestrian Friendly, Vehicular-Ready Permeable Concrete Pavers

Aqua-Bric IV permeable concrete pavers are a smart choice to mitigate stormwater runoff for plazas, parking lots, entrance drives, marshalling yards, industrial facilities, low-speed roadways and streets. Aqua-Bric IV offers the pedestrian-friendly features of our 6 cm thick **Aqua-Bric** in a 4½" x 9" unit with a 8 cm thickness suited to heavy-duty traffic loads. **Aqua-Bric IV** is manufactured in a herringbone layout designed to take advantage of the economy of mechanical installation. Full-size stones with false joints seamlessly integrate with half stones creating an attractive and durable permeable pavement comprised of traditional shapes that suits a variety of applications. **Aqua-Bric IV** provides a firm, stable and slip-resistant walking surface with the structural capacity to meet the most demanding types of vehicular loads.

Aqua-Bric IV® Features

- Meets pedestrian slip resistance standards from the Americans with Disabilities Act (ADA) Architectural Guidelines
- Provides smooth surfaces with minimal openings to make walking more comfortable
- Openings and joints allow for rapid removal of stormwater
- Eliminates standing water without sloping
- Available in a variety of colors and blends, including colors to meet LEED® Solar Reflectance Index values



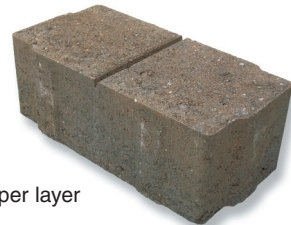
Sold in the layer configuration shown above.

Aqua-Bric® IV

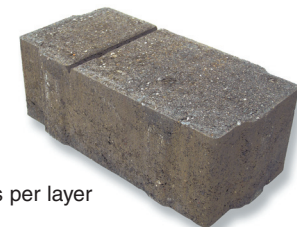
Nom. 4½" x 9" x 3½"



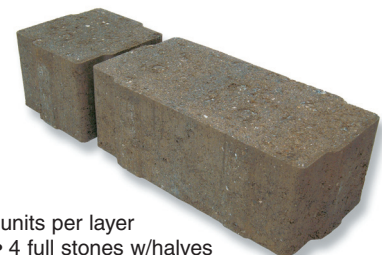
9 units per layer



3 units per layer



16 units per layer



8 units per layer

- 4 full stones w/halves
- 4 false joint stones w/halves

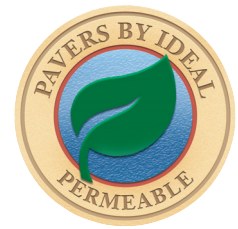
Concrete Pavers ■ Landscape Retaining Walls ■ Garden Products

Manufactured by **Ideal Concrete Block Company, Inc.**

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Aqua-Bric® IV



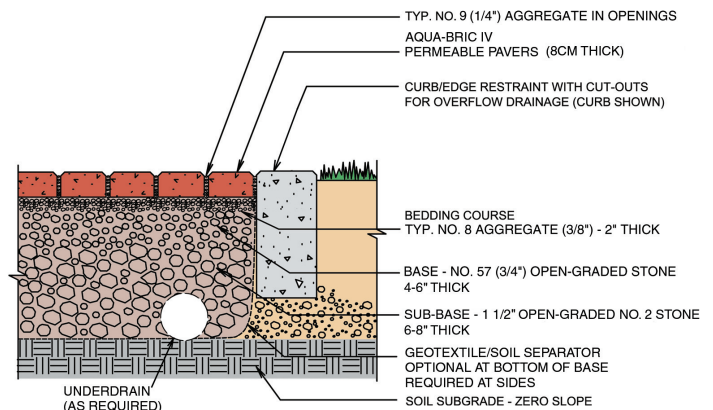
The Solution to Stormwater Runoff is Right Under Your Feet

The practice of stormwater management is evolving at federal, state and local levels. Members of the design community in both the public and private sector are looking to permeable pavements as an environmental and sustainable method of mitigating or eliminating stormwater runoff to reduce pollutants and improve water quality.

Aqua Bric® IV permeable pavers provide numerous environmental benefits as both a site-scale infiltration technology and pavement for residential, commercial, municipal, and institutional applications. Permeable interlocking concrete pavements essentially combine parking and stormwater retention/detention, offering a 'built-in' solution by simply modifying or substituting impervious pavement surfaces and base materials with pervious materials. Also, because **Aqua Bric® IV** permeable pavements can be mechanically installed, they are affordable and cost competitive to other porous and pervious pavements.

Aqua-Bric® IV Benefits

- 100% permeable surface naturally infiltrates stormwater on site, replicating natural hydrology
- Contributes to groundwater recharge and may be used with rainwater harvesting technologies
- Mitigates runoff, TSS, pollutant loads and captures "first flush," mitigating impacts on surface waters and reducing or eliminating downstream flooding and streambank erosion
- Minimizes impacts and stress on existing storm sewer systems through reduced peak discharges
- Can be designed to accommodate a wide variety of stormwater management objectives
- Allows better land-use planning for greater economic value, may decrease project costs by reducing or eliminating drainage and retention/detention systems, and may qualify for reduced stormwater utility fees
- Reduces urban heat island effects and thermal loading on surface waters and facilitates evapotranspiration
- Meets Low Impact Development (LID) criteria, EPA stormwater best management practices and qualifies for LEED® Credits



Aqua-Bric® IV Advantages

- Unlike permeable pavers that derive infiltration solely from the joints, the drainage openings at the corners of Aqua-Bric® IV allow easier access for sweeping and cleaning equipment to maintain porosity
- Winter-friendly
 - Snow plow safe - high quality, durable units resist spalling and scuffing
 - Snow melt drains through joints and minimizes icing hazards, thereby reducing the need for harsh deicing chemicals
- Summer-friendly
 - Unaffected by heat and has no binder drain-down, which can reduce infiltration rates
- Factory-made units require no cure time on site so they are traffic-ready immediately after installation and can be installed in any season
- Can be taken up for underground utility repairs and reinstated with no unsightly patch and no loss of permeability
- Easy to maintain with conventional street sweeping equipment and offers ability to regenerate surface porosity of voids if clogged after many years
- Withstands turning movements from tires without the surface degradation seen in pervious concrete and porous asphalt pavements
- Meets ASTM C 936 standards - high-strength, 9000 psi units support heavy vehicular traffic loading such as fire and garbage trucks
- Does not use petroleum-based materials that can leach into the soil

Aqua-Bric is a registered trademark of Advanced Pavement Technology



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