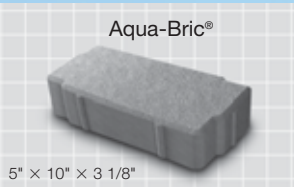


Monterey's Post Graduate Naval Academy Installs 30,000 Square Feet of Permeable Pavers to Lessen Environmental Impact.

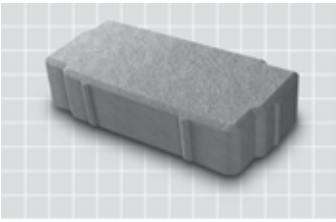
These ADA compliant pavers were selected because of their slip-resistant surface, compression strength and permeability.




BELGARD
—environmental—



Manufactured by
Sierra Building Products, Stockton, California



This site required a permeable pavement solution that would eliminate runoff and deliver long-term durability under light vehicular traffic. The surface also had to be pedestrian-friendly.



Aqua-Bric® pavers allow for natural stormwater drainage and groundwater recharge, making the paver surface ecologically sound and economically smart.

The technology is an acceptable post-structural Best Management Practice (BMP) used to meet federal stormwater management requirements.

The benefits of incorporating the technology are many, including:

1. Meeting EPA stormwater requirements with a superior solution for NPDES Phase II.
2. Achieving significant savings and fostering ecological integrity through enhanced land planning.
3. Outperforming other systems in harsh climates or with regular freeze/thaw cycles.
4. Delivering the strength for light vehicular traffic.
5. Producing remarkable curb appeal and easy maintenance.
6. Providing competitive life-cycle cost benefits.

Manufactured in accordance with ASTM C936 specifications
Can be installed manually or mechanically



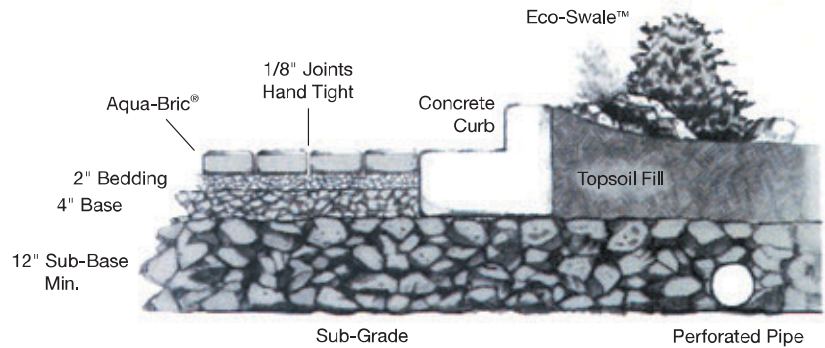


The subgrade consisted of compacted sand with geo-textile, along with three inches of #57 rock and one to two inches of #8 rock.



Aqua-Bric: the Bio-Aquifer Storm Systems (BASS™)

1. Aqua-Bric is ADA Compliant (Americans with Disabilities Act) in that the paver meets pedestrian safety standards as they relate to slip-resistant surfaces. The paver's relatively flat surface and integral spacers make walking safer and more comfortable, while allowing excellent permeability and easy snow and ice removal.
2. Aqua-Bric is also compliant with established Architectural Guidelines, as well as all EPA storm water requirements.
3. Maximizes design flexibility by enabling a wide range of traditional patterns.



Site-specific detail: Because of this site's extremely high percolation rate, the drain rock base was reduced to geo-textile and three inches of drain rock.

The project was completed in thirty days. During that time, Sierra Building Products delivered a total of 247 pallets to the job site.



Here, installers have initiated the straight herringbone pattern with a soldier course edging.

SQ. FT. / PALLET	SQ. FT. / LAYER	LAYERS / PALLET	UNITS / PALLET	WEIGHT / PALLET
93.3	11.66	8	280	3452 lbs.

Pallet specs may differ slightly throughout other regions of the country.

Common Laying Patterns



Running Bond



Basket Weave Variation



Herringbone 45°

For additional information on this particular installation and/or product, please contact your local Belgard® Representative.



A 7-8 man crew completed the job in just over 1,200 man hours. Weather conditions during the install were dry with temperatures averaging 60 to 70 degrees.



Completed in 2007, neither the contractor nor the manufacturer has received any warranty-related call backs.



Site/Property Owner: US Navy
Project: 30,000 sq. ft. parking lot - for light vehicular traffic
Belgard Manufacturer: Sierra Building Products, Stockton, California
Authorized Belgard Dealer: Graniterock
Engineering Firm: Wildman & Morris
Architect: Wildman & Morris
Contractor: Stowe Construction

Aqua-Bric® is a registered trademark of Advanced Pavement Technology. It is manufactured by a number of Oldcastle companies throughout North America under a current license agreement with Advanced Pavement Technology of Oswego, Illinois.

Aqua-Bric®

5" x 10" x 3 1/8"

These ADA compliant pavers were selected because of their slip-resistant surface, compression strength and permeability.

The customer had originally requested a competitor's product, at which point, Stowe Contracting recommended an upgrade to Aqua-Bric. The Navy's decision to go with Aqua-Bric was based on the product's permeability, pedestrian-friendly design and long-term durability under light traffic conditions.



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