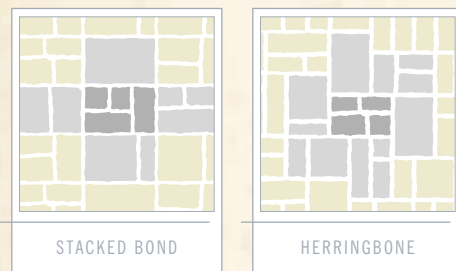


SUBTERRA
[collection]



80MM Subterra
11.3/4" x 7.7/8" x 80mm
Approx. 1.67 pavers/ft²

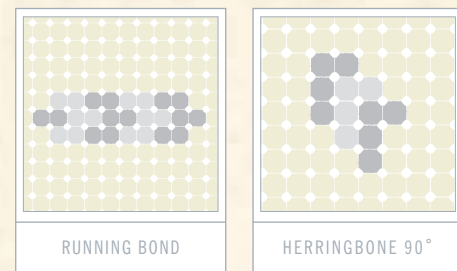


The latest addition to the Belgard Environmental series, Subterra Stone brings the most attractive, natural looking permeable paver to the market. With its false joint structure, Subterra Stone offers the elegant look of natural chiseled stone, yet it is easy to install. Combined with its unsurpassed environmental benefits, Subterra Stone is ideal for homeowners who want environmental stewardship without compromising beauty and style. Belgard Environmental. Sustainable thinking for a better future.

ECO-BRICK
[collection]



80MM Eco-Brick
4" x 8" x 80mm
Approx. 4.5 pavers/ft²



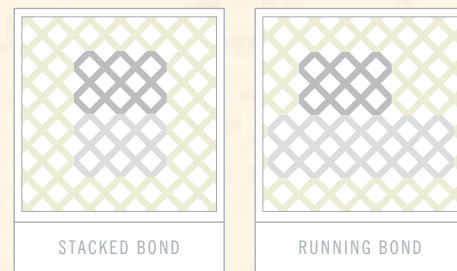
You can let stormwater retention regulations and impervious-area limits get in your way, or incorporate them into your materials strategy. Heavy-duty Eco-Brick permeable pavers help you develop land under even the strictest controls, minimizing paved areas' impact on the environment. Providing the same strength, durability and range of aesthetic opportunities as solid concrete pavers, Eco-Brick is a natural way to handle stormwater runoff, ultimately improving water quality and reducing pollution in surface waters.

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TURFSTONE
[collection]



80MM Turfstone
23 1/2" x 15 1/4" x 80mm
Approx. .39 pavers/ft²

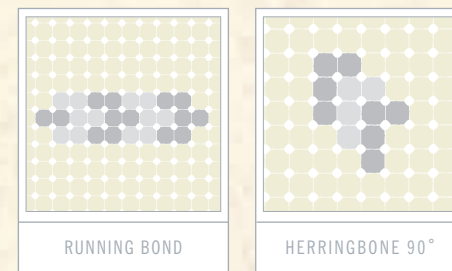


Turfstone grid pavements allow vegetation to thrive even in the most heavily trafficked walkways. Ideal for pedestrian and overflow traffic areas requiring solid traction and/or erosion control. Turfstone blends perfectly with the landscape. Its simple open weave design allows for a breathable pavement, making it an environmentally friendly alternative to heat-producing solid concrete or asphalt surfaces. Attractive, durable and ecosmart, Turfstone helps keep green spaces looking green.

DRAINSTONE
[collection]



80MM Drainstone
4" x 8" x 80mm
Approx. 4.5 pavers/ft²

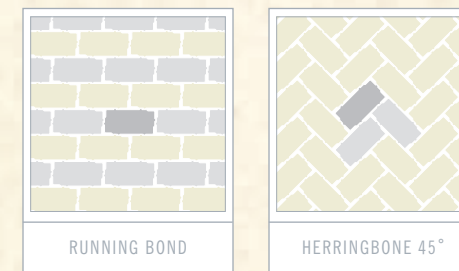


Stormwater retention regulations and impervious-area limits don't have to limit your hardscape plans. Belgard Drainstone permeable pavers allow you to realize your plans under even the strictest controls, effectively minimizing paved areas' impact on the local groundwater system. Providing the same strength, durability and range of design options as conventional pavers, Drainstone permeable pavers are the natural way to handle stormwater runoff, ultimately improving water quality and reducing pollution in surface waters.

AQUA-BRIC
[collection]

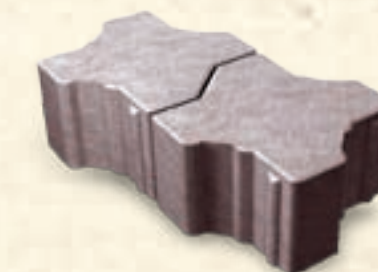


80MM Aqua-Bric
5" x 10" x 80mm
Approx. 2.94 pavers/ft²



Environmentally and economically sound, Aqua-Bric permeable pavers provide a comfortable underfoot, meeting Americans with Disabilities Act (ADA) architectural guidelines, but are strong enough for vehicular traffic. Proper use of the permeable system for sidewalks, plazas, driveways, roadways and parking lots eliminates standing water, allows natural drainage and recharges groundwater. Minimal openings, interlocking design, and exceptional color possibilities allow for maximum design flexibility. Our Aqua-Bric pavers can also be antiqued to lend an old world European charm to any project.

AQUA-BRICLOC
[collection]



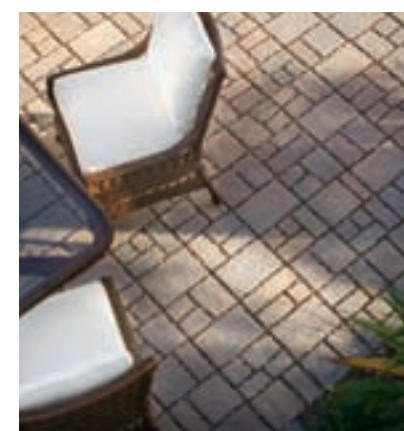
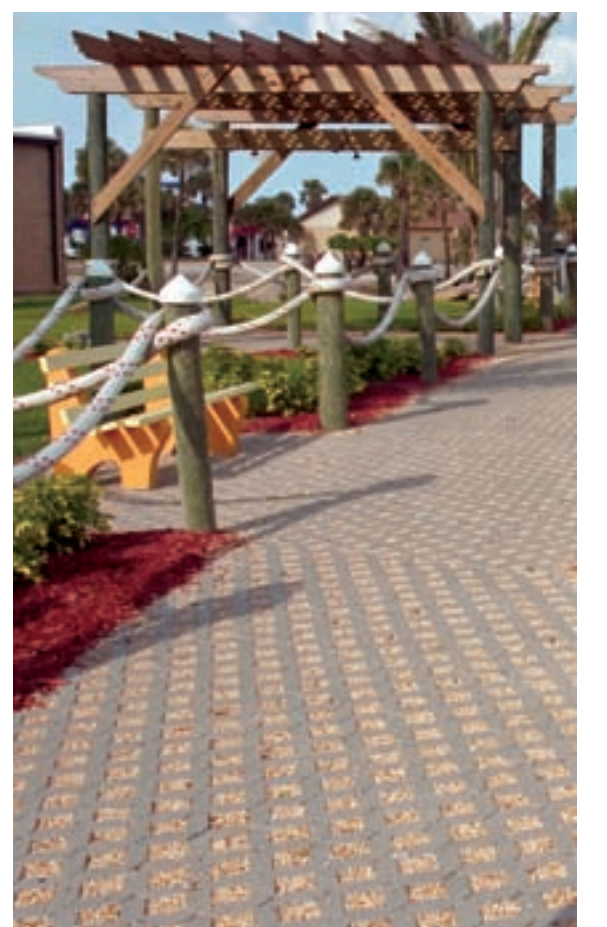
80MM Aqua-BricLoc
4 1/2" x 9" x 80mm
Approx. 3.56 pavers/ft²



A versatile new shape in permeable pavers, Aqua-BricLoc meets ADA standards for opening size, but it is also designed to handle extremely heavy traffic loads (similar to port applications or heavy-duty truck loading and parking lots). Made according to ASTM C936 specifications, the pavers can be produced in a variety of custom colors and installed using manual or mechanical methods. The new paver shape can also be combined with other shapes during installation to achieve a number of attractive patterns.

permeable.
PURE and SIMPLE.

Environmental stress is increasingly being placed on our resources. As more land is developed, the natural water filtration provided by the soil is continually being diminished. In turn, stormwater runoff—mixed with motor oil, fertilizers, and other contaminants—can pollute lakes, rivers, coastlines and groundwater. Fortunately, there is an alternative. The Belgard Environmental Series of permeable pavers offers attractive alternatives to traditional paving materials designed for residential and commercial development. They are an environmentally and economically friendly choice.



LEED and BELGARD:
PROMOTING GREEN TO CONSERVE YOURS.

The Leadership in Energy and Environmental Design (LEED) was originally developed for the U.S. Department of Energy. LEED utilizes a point rating system to recognize sustainable site and building design. Many organizations were involved in developing the rating system and certification program. The LEED program is administered by the U.S. Green Building Council (www.usgbc.org). Currently, many municipal projects that are city-owned or city-funded are mandating LEED point objectives, while private sector projects are pursuing LEED credit points on a voluntary basis.

Belgard permeable concrete paving stone systems can earn credit points in the LEED rating system. The following listed LEED credit summaries represent possible point contributions. Please refer to the ICPI (Interlocking Concrete Pavement Institute) Tech Spec Number 16 at www.icpi.org for a complete description and detailed explanation of the below listed LEED Credit references. **LEED Credits for new projects and major renovations earn points from six broad rating categories and of these six, the two primary categories that pertain to permeable concrete paving stones are Sustainable Sites (SS) and Materials and Resources (MR).**

MR CREDIT 4.1
Recycled Content (1 point)
10% (post-consumer and 1/2 pre-consumer)

MR CREDIT 4.2
Recycled Content
(Credit 4.1, plus 1 point)
20% (post-consumer and 1/2 pre-consumer). Use materials with recycled content such that the sum of post-consumer recycled content plus one-half of the pre-consumer content constitutes at least 10% of the cost. Credit 4.1 of the total value of the materials in the project and 20% of the cost. Credit 4.2 of the total value of the materials in the project.

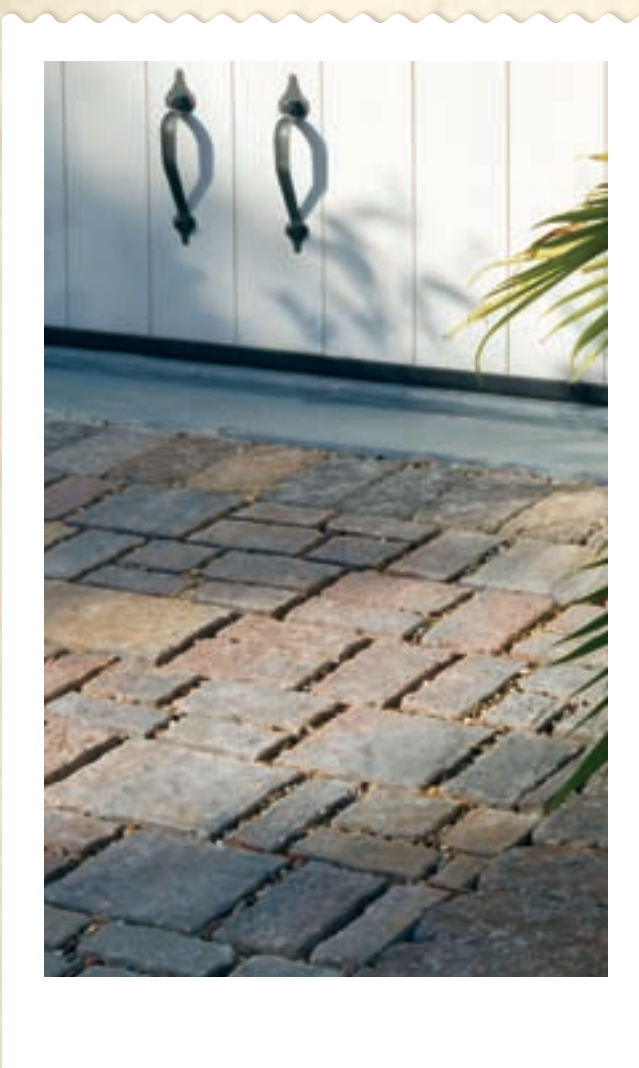
MR CREDIT 5.1
Regional Materials (1 point)
10% extracted, processed and manufactured regionally.

MR CREDIT 5.2
Regional Materials
(Credit 5.1, plus 1 point)
20% extracted, processed and manufactured regionally. Use building materials or products that have been extracted, harvested or recovered, as well as manufactured within 500 miles of the project site for a minimum of 10% of the cost. Credit 5.1 of the total value of the materials and 20% of the cost. Credit 5.2 of the total value of the materials in the product.

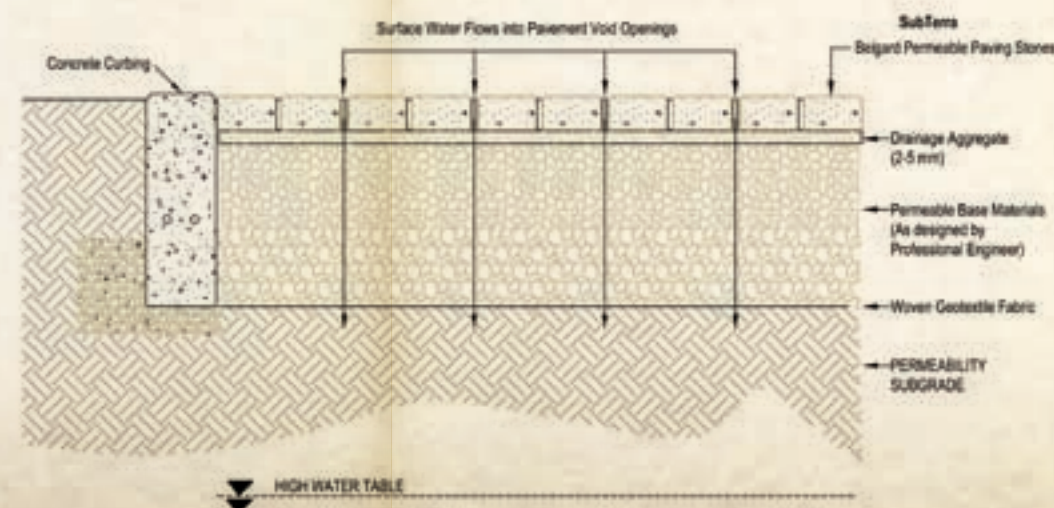
SS CREDIT 6.1
Stormwater Design:
Quantity Control (1 point)
Stormwater management of a building site where the existing impervious area is greater than 50% and the runoff rate and quantity is reduced by at least 25%. Belgard permeable concrete paving stone systems can reduce runoff to zero for the most frequent storms.

SS CREDIT 6.2
Stormwater Design:
Quality Control (1 point)
A treatment system designed to remove 80% of the average annual post-development Total Suspended Solids (TSS), and 40% of the average annual post-development Total Phosphorus (TP).

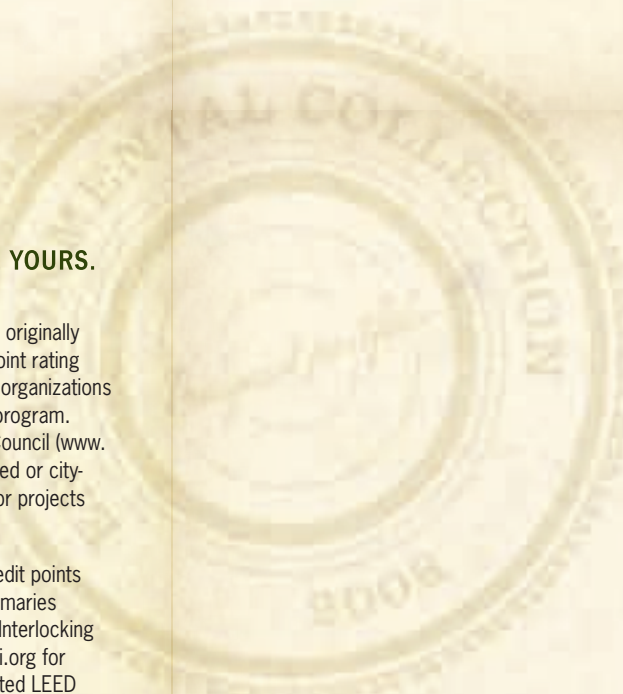
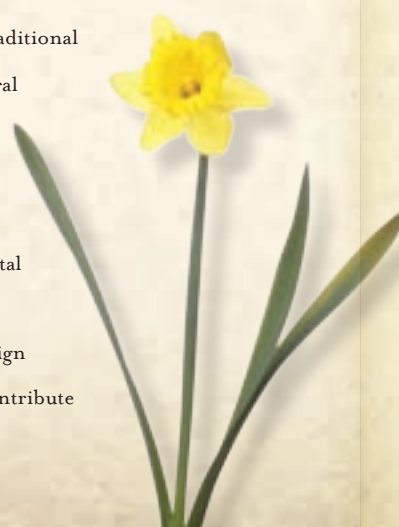
SS CREDIT 7
Heat Island Effect (1 point)
Non-roof landscape and exterior designs that reduce heat island effect would entail the use of light colored / high albedo materials with a reflectance of at least 0.3 for 30% of the site's non-roof impervious surfaces, i.e., pavements. Manufacturing permeable concrete paving stones in light or natural colors that can register an albedo of at least 0.3 will meet this requirement.



As part of a bio-aquifer stormwater system, Belgard Environmental permeable pavers can virtually eliminate runoff, potentially removing the need for retention ponds or underground sewer pipes.



The decision you make in pavers can directly help or harm water quality in your locale. Conventional pavers and traditional paving methods not only create unnecessary runoff, but can also prevent contaminated stormwater runoff from natural filtration before entering the watershed. Three styles of Belgard Environmental permeable pavers offer the strength, durability, slip-resistance, and visual appeal homeowners desire, and much more. Specially designed interlocking shapes and openings allow stormwater to rapidly flow through, eliminating standing water in walkways, patios, driveways and parking areas without sloping. As part of a bio-aquifer stormwater system, Belgard Environmental pavers can virtually eliminate runoff, potentially reducing the need for retention ponds or underground sewer pipes. Offering a versatile range of products designed to suit any application, the collection's aesthetic options promote design flexibility while protecting precious resources. Each style is designed to adhere to EPA and local regulations and to contribute credits toward LEED® certification.



ENVIRONMENTAL SPECIES of NORTH AMERICA



fig. I.

AQUA-BRIC
[herringbone pattern]
80MM Aqua-Bric-5" x 10" x 80MM.
Approx. 2.94 pavers/ft²
A residential look that stands up to even the
harshest industrial traffic.



fig. II.

ECO-STONE
[runner pattern]
80MM Eco-Stone-4" x 8" x 80MM.
Approx. 4.5 pavers/ft²
Heavy-duty Eco-Stone helps you develop land
under even the strictest controls.

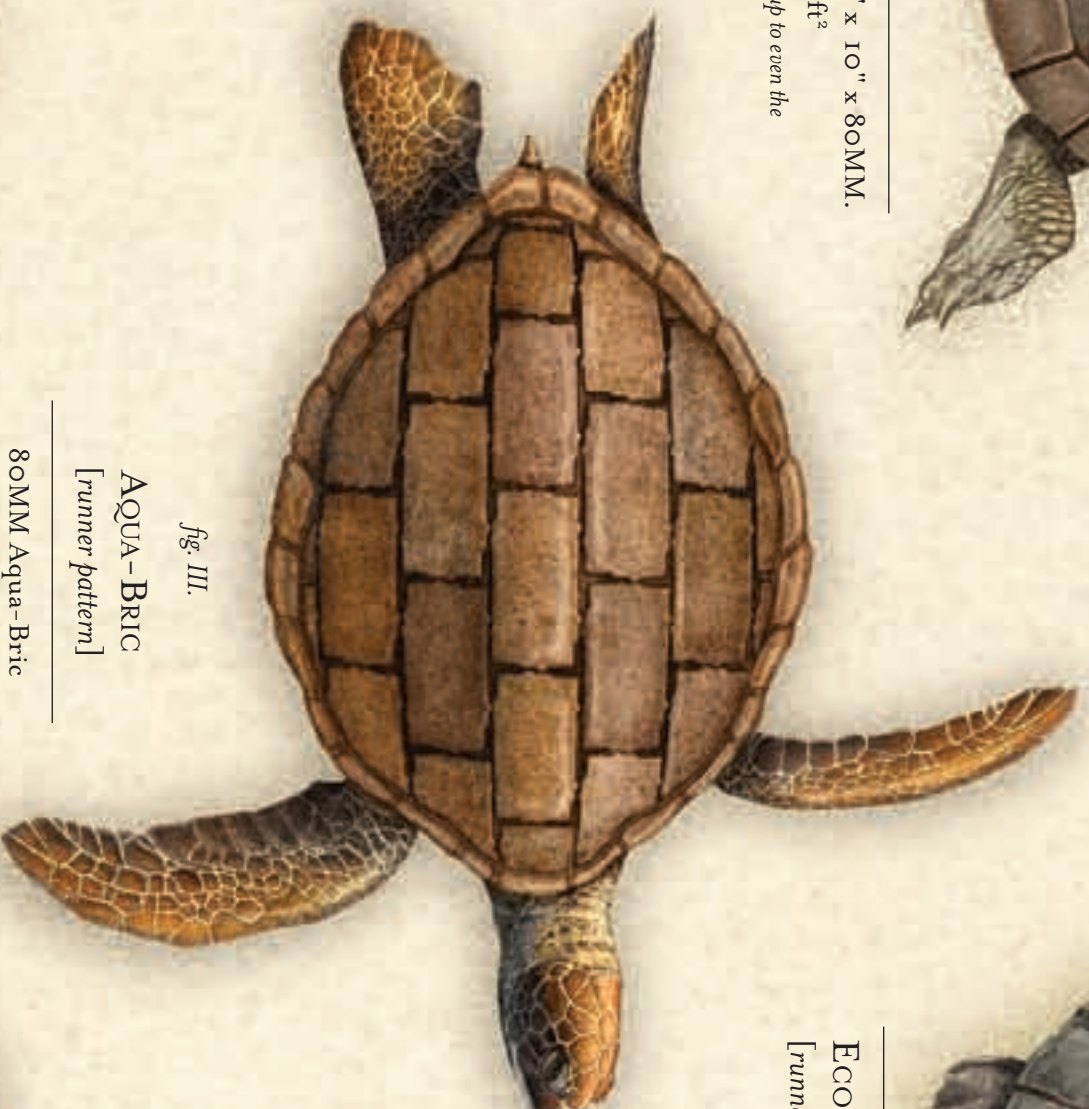


fig. III.

AQUA-BRIC
[runner pattern]

80MM Aqua-Bric
5" x 10" x 80MM.
Approx. 2.94 pavers/ft²
A residential look that stands up to
even the harshest industrial traffic.



fig. IV.

SUBTERRA
[herringbone pattern]
80MM Subterra-11³/₈" x 7¹/₈" x 80MM.
Approx. 1.67 pavers/ft²
Subterra permeable paver eliminates standing water,
allowing natural drainage.



fig. V.

TURFSTONE
[stack bond pattern]
80MM Turfstone-23¹/₂" x 15³/₈" x 80MM.
Approx. .39 pavers/ft²
Turfstone permeable grid lets grass thrive in even the
most heavily trafficked walkways.



fig. VI.

SUBTERRA
[stack bond pattern]
80MM Subterra-11³/₈" x 7¹/₈" x 80MM.
Approx. 1.67 pavers/ft²
Subterra permeable paver eliminates standing water,
allowing natural drainage.



fig. VII.

AQUA-BRICLLOC
[herringbone pattern]
80MM Aqua-Briclloc-4¹/₂" x 9" x 80MM.
Approx. 3.56 pavers/ft²
A versatile new shape in permeable pavers, this
species meets ADA standards.

Discover a new genus of paver, ideal for both residential and commercial hardscapes. Belgard's collection of environmental pavers are attractive, all-weather durable, and most important, eco-friendly. The perfectly natural way to protect one of Earth's most vital resources. Every paver allows water to permeate and directly enter the ground, thereby reducing the negative effects of runoff on local watersheds, and ultimately the lakes, rivers and seas downstream. Thoughtfully crafted to help you construct hardscapes both good-looking and green. Because it is what's beneath that truly matters.



BELGARD[®]
— environmental —

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