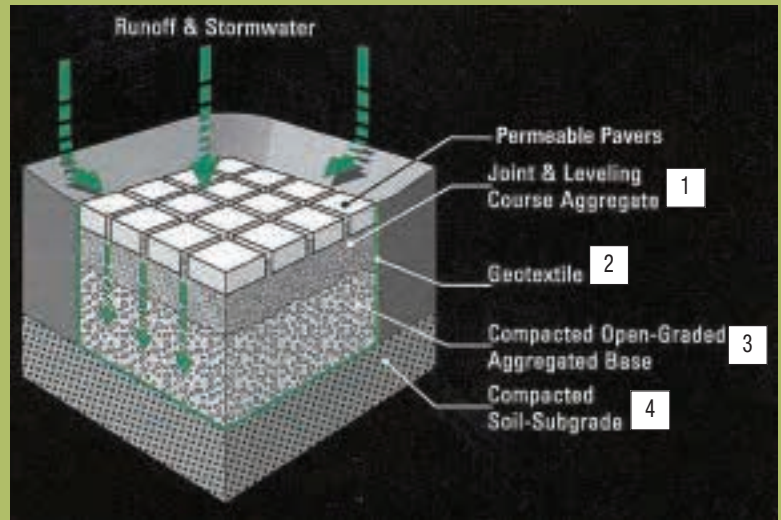


# ENVIRONMENTAL PRODUCTS

## > CONTENTS

Permeable Pavers . . . . .	65-69
Monoslab® Grass Paver . . . . .	70-71
Geolink Erosion Control . . . . .	72



- 1 JOINT FILLING BEDDING LAYER  
1/8" Crushed Stone Chips @ 1-1/2" Thick
- 2 GEOTEXTILE  
Non-woven Geotextile Fabric, Minimum 4.0 Ounces Per Square Yard
- 3 BASE COURSE  
6A Crushed Aggregate @ 6" Minimum Thickness
- 4 SUBGRADE\*  
Well Compacted Undisturbed Soil

\*Subgrade soil type will determine the need for an outlet from base course to bioswale area. Applicable soil types are fine-grain or impervious soils such as clay. See a qualified Fendt representative for bioswale applications.

Permeable pavements now offer a new dimension by allowing a higher percentage of rainwater to permeate through the pavement system as opposed to overburdened storm water systems. When installed as part of the Bio-Aquifer Storm System (BASS), permeable pavers allow for natural storm water drainage and ground water recharge, making them ecologically sound and economically smart.

A parking lot or street created with BASS uses durable, permeable components that allow water to flow through, retaining the water runoff and directing it through a series of natural filtration systems before it enters nearby streams or rivers. Fendt's Eco-Brick™ and Eco-Classic are the perfect solution that can transform any paver parking lot, driveway or pavement area into a beautiful and sustainable pavement that effectively manages storm water.

# PERMEABLE PAVERS: ECO-CLASSIC

## Eco-Classic

### PRODUCT INFORMATION

FULL BRICK  
4-1/2" x 9" x 3-1/8"  
.272 sq. ft. per unit  
3.68 units per sq. ft.  
36 units/layer, 252/cube

HALF BRICK  
4-1/2" x 4-1/2" x 3-1/8"  
.136 sq. ft. per unit  
7.35 units per sq. ft.  
8 units/layer, 56/cube

10.9 sq. ft. per layer  
76.30 sq. ft. per cube

Weight per cube: 2,719 lbs.



ECO-CLASSIC  
INVENTORIED IN LIMESTONE BLEND (ABOVE) AND WALNUT BLEND

## Old World Eco-Classic (SPECIAL ORDER)

### PRODUCT INFORMATION

FULL BRICK  
4-1/2" x 9" x 3-1/8"  
.272 sq. ft. per unit  
3.68 units per sq. ft.  
36 units/layer, 252/cube

HALF BRICK  
4-1/2" x 4-1/2" x 3-1/8"  
.136 sq. ft. per unit  
7.35 units per sq. ft.  
8 units/layer, 56/cube

10.9 sq. ft. per layer  
76.30 sq. ft. per cube

Weight per cube: 2,719 lbs.



OLD WORLD ECO-CLASSIC

# PERMEABLE PAVERS: ECO-CLASSIC

PAVERS: ECO-CLASSIC – WALNUT BLEND





# PERMEABLE PAVERS: ECO-CLASSIC

PAVERS: ECO-CLASSIC – SANDSTONE BLEND  
ACCENT PAVERS: ECO-CLASSIC – JADE





# PERMEABLE PAVERS: ECO-BRICK™ (SPECIAL ORDER)

ECO-BRICK – LIMESTONE BLEND  
BORDER: HOLLAND 4x8 – SLATE



## PRODUCT INFORMATION

**FULL BRICK**  
4-1/2" x 9" x 3-1/8"  
.272 sq. ft. per unit  
3.68 units per sq. ft.  
36 units/layer, 252/cube

**HALF BRICK**  
4-1/2" x 4-1/2" x 3-1/8"  
.136 sq. ft. per unit  
7.35 units per sq. ft.  
8 units/layer, 56/cube



# GRASS PAVERS: MONOSLAB®

MULTI-PURPOSE MONOSLAB GRASS PAVER ... THE PROBLEM SOLVER!

## STABILIZES GRASSY AREAS:

- FOR FIRE LANES
- HIGHWAY CROSSOVERS
- RUNWAY SHOULDERS

It's the natural look in paving ... proven over three decades in use. Monoslab Grass Pavers allow a lawn area to be used for parking or driveways — preserving green space in places where it's scarce.

Monoslab Grass Pavers eliminate the dust or mud normally created by allowing traffic in unpaved areas, and can be used in any area where you want to allow vehicular traffic while preserving the look of a lawn.

The unique design of Monoslab affords better weight distribution and increased load bearing capacity. The surface pattern encourages controllable drainage, while stimulating grass growth.

Fast and simple to install in any weather, Monoslab Grass Pavers are available for immediate use.

Monoslab Grass Paver grids permit emergency vehicles and fire trucks to approach buildings from all directions saving time and possibly lives. Heavy trucks drive over stabilized grassy areas leaving no trace.

When considering the areas around apartments and other commercial buildings, the design professional has an alternative to traditional asphalt and other hard surfacing. Monoslab is not subject to most restrictive zoning ordinances that cover hard pavement.

Monoslab grids enable emergency and surface vehicles to cross over between concrete and asphalt pavements.

Especially suitable at curves, concrete grids are readily seen at night. Fast, easy installation. Tire rumbling when driving over the concrete grids alerts drivers.



## GOOD NEWS FOR FIREFIGHTERS, LANDSCAPE ARCHITECTS & HIGHWAY/WATERWAY ENGINEERS

**SAVES GRASS** ... The design professional now has an exciting option when considering surfacing for areas around apartment buildings, shopping malls, office buildings and other urban developments. Monoslab offers a relief from traditional hard surfacing by introducing stabilized grass areas. Suitable for parking lots and overflow parking areas, it will also allow utility trucks to drive over landscaped grounds.

**STOPS EROSION** ... Monoslab is the best answer to stabilize slopes and put an end to persistent erosion problems. Even river bed erosion in fast-flowing rivers or open culverts can be effectively controlled with Monoslab.

It is also successfully used as revetments to reinforce reservoirs and shoreline slopes and to provide seawall toe protection. After Monoslab is laid and grass established, an installation can be mowed as normal grass.





# MONOSLAB® GRASS PAVERS

## EASY TO INSTALL



### STEP 1

For heavy loads, bulldoze one foot below finished grade.

For light loads (automobiles), bulldoze one-half foot below finished grade.



### STEP 4

Level the paver grids on the sand bed. Keep them "pencil thickness" apart.



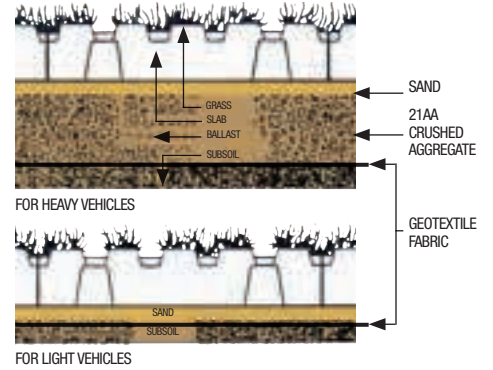
### STEP 2

For light loads, spread and tamp — or roll — one inch sand bed directly on the sub-grade.



### STEP 5

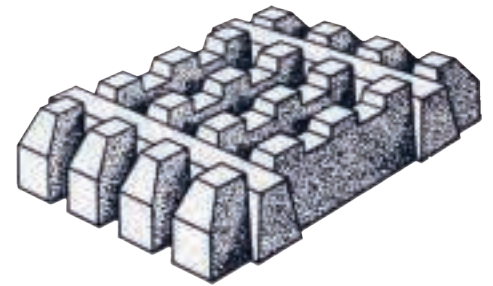
Ready for service.



### STEP 3

For heavy loads (trucks), spread and tamp — or roll — six inches of crushed rock or crushed concrete over continuous geotextile fabric for heavy vehicle base course. Not required for light loads, such as automobiles.

Spread and tamp — or roll — one-inch sand bed on the six-inch ballast course.



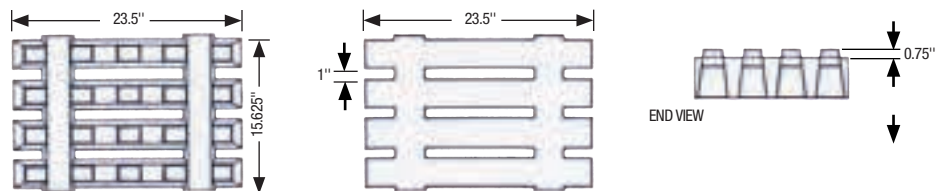
## SO MANY BENEFITS:

- Minimize storm water runoff
- Replenish subterranean ground water
- Avoid erosion and soil wash away
- Protect lawns from wheel tracks
- Reduce hard surface pavement

All of the above objectives can be accomplished by installing Monoslab. On a test installation of tufted Grass Paver bedded on two inches of coarse sand spread over six inches of gravel, with clay subsoil, no water ran off for an hour. Storm water runoff then ranged from 5% to 18%.

## SPECIFICATIONS

MEASUREMENTS	USA/CAN actual	USA/CAN nominal	USE NOMINAL VALUES FOR COMPUTATIONS
Length	23-1/2"	24 in. - 2 ft.	+/- 1/8"
Width	15-3/8"	16 in. - 1-1/3 ft.	+/- 1/8"
Thickness	4-9/16"	4-1/2 in. - 3/8 ft.	+/- 1/16"
Area, gross	370 sq. in.	2-2/3 sq. ft.	3 grids = 8 sq. ft.
Area, upper surface	95 sq. in.	2/3 sq. ft.	25% of gross area
Area, base surface	326 sq. in.	2-1/2 sq. ft.	85% of gross area
Weight/grid	94 lb. +/- 3 lbs.	94 lbs.	depends on water absorption
Strength, compression	4000 psi	4000 psi	per ASTM C140-70
Braking load, transverse	-	-	see specification and test procedure sheets
Absorption, water	13 lbs. / cu. ft.	13 lbs. / cu. ft.	per ASTM C140-70



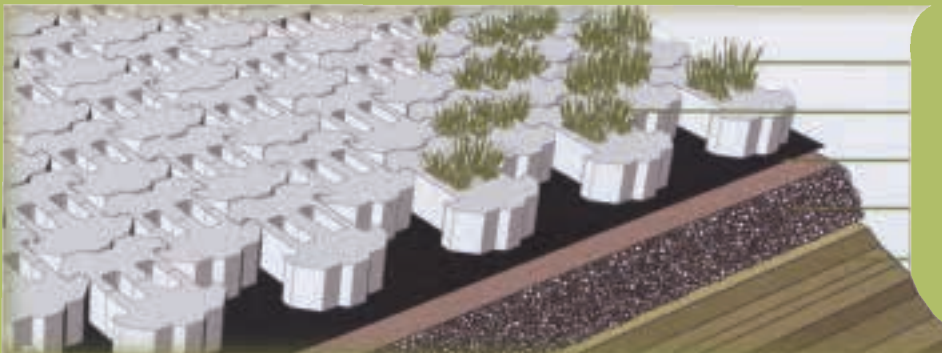
# GEOLINK



Soil erosion has been an issue plaguing engineers for decades. It is a well-known fact that the single biggest impact on water quality is the soil erosion process. As a result of new federal and local regulations mandating the control of silt runoff, the engineering community must now use innovative measures to control the erosion process.

Geolink's premium design inhibits the transport of soil during the erosion process and helps keep our waterways free from silt and hazardous pollutants. Open cells within the block support and maintain vegetative growth, enhancing water quality through a natural cleansing process by filtering out contaminants. Geolink's superior methods of erosion control promote a natural, aesthetically pleasing environment.

G E O L I N K Unit Specifications						
height	width	length	gross coverage per ft <sup>2</sup>	weight	weight per sq ft	open area %
4"	12"	16"	1.12	36.6	32-37	20
UNITS PER PALLET – 48			WEIGHT PER PALLET – 1,469 LBS.			



## PERMEABLE GRASS PAVER

- Geolink units with vegetation
- Soil-filled units
- Engineering fabric layer
- Drainage media
- Prepared subgrade foundation

