

# PERMEABLE ROMAN

Create beautiful, functional pavements while effectively managing storm water run-off using the Permeable Roman paver! The Permeable Roman pavers can be manufactured in any of the colors or textures shown on the Roman Paver 1-page flyer except for the Classic Beveled Edge. (Note: the new Quad patterns do *not* apply to the Permeable Roman) Please call our Sales Office to check on color and texture availability. Our Permeable Roman pavers can also be integrated with our standard Roman Paver (see page 1) to provide selective areas of permeability.

Permeable Roman

Slate-Top Tumbled  
Permeable Roman  
Special-order

Void Area: minimum of 6.2% void  
Thickness: 80 mm.

## Packaging:

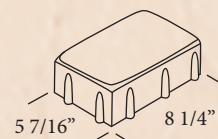
Permeable Roman I: 93 sq. ft. per pallet  
Permeable Roman II: 94 sq. ft. per pallet  
Permeable Magnum: 88 sq. ft. per pallet

Consult with a civil engineer for determination of required base and sub-base depths. Cast concrete or pre-cast concrete curbs are recommended for use as the edge restraint on open-graded bases.

A typical permeable base is constructed using these materials:

- A sub-base of number 2 stone (or approved equal)
- A base of number 57 stone (or approved equal)
- A 1-1/2" to 2" thick bedding course of number 8 stone (or approved equal)
- Joints filled with number 8 stone (or approved equal)

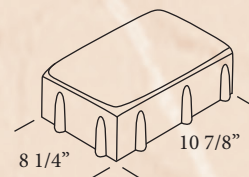
Paver Sizes include the width of 1 spacer nub



Permeable Roman I



Permeable Roman II



Magnum Permeable Roman

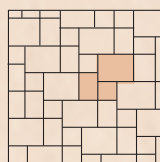


Spacers protrude .29" (7.5 mm)  
from the main body

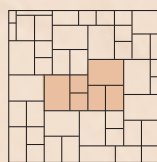


## Roman Patterns Using the Magnum

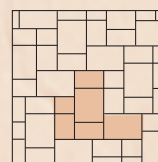
View additional patterns on our website



1-1-1  
Pattern  
27.2% I's  
18.6% II's  
54.2% Magnum's



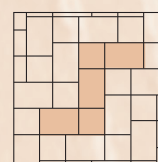
2-2-2  
Herringbone  
Pattern  
27.1% I's  
18.7% II's  
54.2% Magnum's



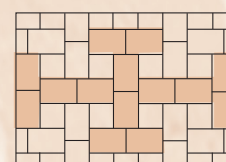
3-1-2  
Herringbone  
Pattern  
39% I's  
9% II's  
52% Magnum's

## Joint Patterns for Roman Permeable Pavers

View additional patterns on our website



Combo  
Herringbone  
60% Roman I  
40% Roman II



I Pattern  
75% Roman I  
25% Roman II

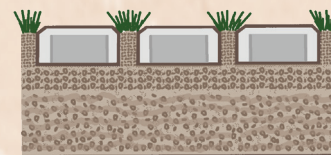


# ECO-PERM & TURFPAVER



Planting grass in these types of pavers creates islands of cooling within the urban landscape, while allowing water to easily permeate the pavement.

## Turf Growth



Many possible uses:

- Cart paths
- Driveway extensions
- Embankment erosion control
- Pathways
- Emergency access roads
- Environmentally friendly parking areas
- Allows air & water to tree roots

## ECO-PERM shown above

Because of the large void spaces created by the Eco-perm, they are recommended for use only in areas subject to vehicular access like fire access lanes. For permeable areas subject to pedestrian traffic, we recommend that you use the Permeable Roman pavers.

Thickness: 80 mm.

Coverage: 2.9 pieces per square foot based upon minimal joint pattern.

Packaging: 83 square feet per pallet based upon minimal joint pattern.

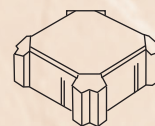
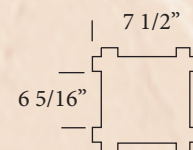


Illustration at right shows dimensions



*Eco-Perm is a special-order item*

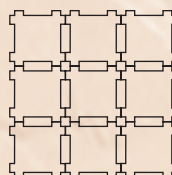


Grey



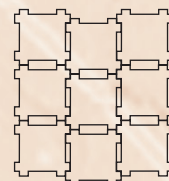
Brown/Charcoal Blend

Be sure to view actual product samples prior to ordering!



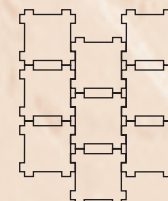
Full Open

18.3% void  
Requires 2.6 pcs/sq.ft.



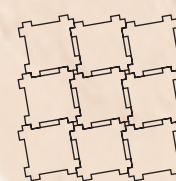
Alternating

11.7% void  
Requires 2.8 pcs/sq.ft.



Running Bond

10.5% void  
Requires 2.9 pcs/sq.ft.



Minimal

7.9% void  
Requires 2.9 pcs/sq.ft.

## Joint Patterns

## TURFPAVER shown at right

Our Turfpavers are manufactured with 5,000 psi concrete and comply with ASTM C-1319 Standard Specification for Concrete Grid Pavements. Please be aware that Turfpavers are prone to cracking during the compaction process. This is normal and does not affect their performance.

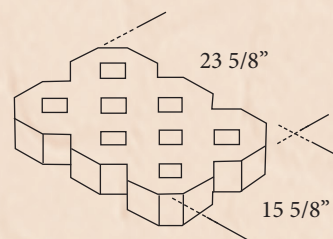
**Colors** Stock color selection subject to change



Grey

Thickness: 80 mm.  
Coverage: 2.6 square feet per piece.  
Packaging: 130 square feet per pallet.

Be sure to view actual product samples prior to ordering!



## WE ALSO STOCK A COMPLETE LINE OF PAVER ACCESSORIES

- Bulk or bagged permeable rock
- Paver sealers and cleaners
- Edge restraint
- Construction adhesives



Example of Joint Sand

**AIRVOL BLOCK, INC.**

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