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MATERIAL PRODUCT DATA SHEET

Product Name

Pervious Paver

Manufacturer

Stepstone, LLC
17025 So. Main St.
Gardena, CA 90248

Phone 310-327-7474
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Toll free 800-572-9029

Product Description

Stepstone has produced high quality pre-cast concrete since 1963. Pervious Pavers are precast porous concrete pavers that come in three standard sizes. Pervious Pavers are designed to be used for both commercial and residential applications.

Composition & Materials

Pervious Pavers are made from 3000 PSI hard rock concrete.

Sizes

Pervious Pavers are available in standard sizes: 12" x 12" x 2 1/2" All sizes are nominal.

Finishes

Pervious Pavers available finish: Honed Finish

Colors

Pervious Pavers are available in 12 standard colors: Adobe, Agave, Almond, Brick Red, Cafe Brown, Caramel, French Gray, Granada White, Iceberg Green, Kona, Pebble and Porcelain; custom colors are available upon request.

Technical Data

APPLICABLE STANDARDS

American Society for Testing & Materials (ASTM)

ASTM C33 – *Standard Specification for Concrete Aggregates*

ASTM C150- *Portland Cement*

ASTM C979- *Pigments for Integrally Colored Concrete*

ASTM E303 - *Pendulum Slip Resistance*

Physical /Chemical Properties

Paver weight per square foot is approximately 25.5 lbs. Unit length, width and height are not more than +/- 1/8" from standard dimensions. No unit will differ more than +/-1/8" from the approved samples. Test reports are available upon request. Concrete is non-combustible.

Installation

Preparatory Work

Handle and store product according to Stepstone, LLC recommendations. Follow generally accepted masonry practices for Pervious/Permeable standards per ICIP.org.

Methods

Please contact Stepstone, LLC for further information

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Pervious Pavers are designed be placed on an Open Graded Base and Sub base for infiltration and storage of stormwater. Sides shall be parallel, with courses straight. Spaces between the pavers shall not be more than 1/4" .For more information pertaining to permeable concrete pavements systems and applicable sub bases, please visit icpi.org.

Performance

Typically, if 10% of paving surface area is filled with Pervious Pavers, the flow rates for water through Pervious Pavers concrete will accommodate severe storm events of 3"/hr

Precautions

Slight variations in color and texture of natural materials are normal. Some minor chipping may result from shipping and handling, but is not detrimental to appearance or function.

Building Codes

Pervious Pavers are designed to meet or exceed the requirements of the model building codes. Installation must comply with the requirements of all applicable local, state and national code jurisdictions.

Availability & Cost

Availability

Contact Stepstone, LLC for information and product availability.

Cost

Budget material cost information may be obtained from the manufacturer at the number above.

Limited Warranty

Pervious Pavers are guaranteed for five years against defects in material and workmanship. Contact manufacturer for additional information on warranty conditions, duration and remedies.

Maintenance

Pervious Pavers require limited maintenance. Periodic inspection is advisable in order to ensure continued porosity of paver. Exterior products may need to be vacuumed periodically to remove dirt build-up in pores. Request a full list of recommended maintenance procedures from manufacturer at the number above.

Technical Services

The manufacturer maintains a technical sales department offering specifications and engineering calculations for specific products and samples. For assistance contact Stepstone, LLC