

# Xeripave Technical Guide

## What are Xeripave® Super Pervious (SP) Pavers?

Xeripave® SP Pavers are engineered to be used for low impact development and stormwater runoff solution. SP Pavers allow water to flow directly through the surface of the paver leaving behind gross pollutants. SP Pavers are manufactured using natural aggregates that are bonded together with a clear high-strength polymer for an aesthetically pleasing natural look. Xeripave® is available in numerous sizes and now includes Xeribrix® for vehicular applications.

## What is the infiltration rate?

Xeripave® has a void capacity of around 35%, which allow for an infiltration rate of up to one gallon per second per square foot (over 5000 inches per hour).

## How does Xeripave® compare to other products on the market?

Unlike other products on the market, Xeripave® allows water to flow directly through the surface as soon as precipitation hits the ground; instead of running off the surface to the subsiding gaps. Xeripave® is truly a stormwater management product preventing stormwater runoff and erosion complications at the source. SP Pavers have a high infiltration that is unmatched.

Xeripave's flow rate is up to 10 times greater than pervious concrete/ asphalt and up to 90 times greater than permeable concrete pavers. Unlike any other pevious, porous or permeable surface, Xeripave® has a "0.00" coefficient of runoff.



Montana



Granite



Dupont



White



Grey



Northwest

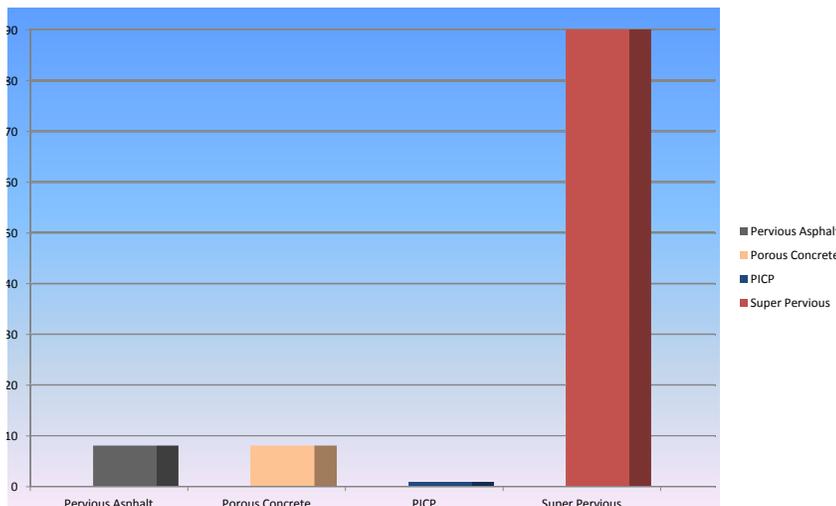
### Colors:

Xeripave is available in a variety of natural stone colors. Colors may change periodically as new stone sources are developed. Natural stone has color variations. Order entire project quantity at one time to minimize color variation. Contact us at 877-694-0141 to verify availability.



Samples available upon request on the web site at [www.xeripave.com](http://www.xeripave.com).

To request a presentation please contact us at [info@xeripave.com](mailto:info@xeripave.com)



### How does Xeripave® tolerate freeze/thaw, salt and UV rays?

Xeripave® is freeze/thaw resistant and complies with ASTM C67 standards. The high void capacity of the Xeripave® matrix provides room for the water or ice to expand into during freeze/thaw cycles without affecting the integrity of the paver. Over time Xeripave's shiny coat will fade with natural weathering, however it will retain its natural look.

### What is the Xeripave® Percentage Principle?

Due to Xeripave's high infiltration rate, Xeripave® can typically be used in only 12 - 18% (percentage will vary depending on project's soil conditions and type of application) of a project's total surface area. This high infiltration rate means that SP Pavers can be used in conjunction with standard concrete, asphalt, permeable pavers and other surface products for a cost effective stormwater management solution.

### What are the sub-grade and installation requirements?

The sub-grade requirements are the same as used with pervious concrete/ asphalt or permeable concrete pavers with clear crushed aggregate (no sand). See installation guide and cross sections related to specific applications on our web site at [www.xeripave.com](http://www.xeripave.com).

### What type of maintenance is required?

Xeripave® needs to be cleaned periodically. Frequency of cleaning is dependent on contaminant profile of the installation area. The pavers are easily maintained using a shop vac, city street sweeper or true vac,

and/or pressure washer. For more detailed information please see the Cleaning and Maintenance Guide found on the web site at [www.xeripave.com](http://www.xeripave.com).

### Additional Product Facts

#### Manufacturing Information:

Pavers are uniform in size. There is no shrinkage in the manufacturing process.

#### Pallet Weight:

Pallet weight and quantity may vary depending on size of paver. Pallets typically weigh around 3000 lbs.

#### Project Considerations:

Allow extra 3 - 5% for waste/cutting.

Because of the open nature of the Xeripave® matrix, pavers may not be the best product for use where extreme wheel force is exerted. Consideration should be given to using a solid surface material in those areas.



Dimensions  
300x300x50 mm  
11.81x11.81x1.97 inches

Description:  
Classic, SP Pavers can be used with other pervious, permeable and impervious surfaces for a cost effective stormwater runoff solution. Commonly used in pedestrian applications.

Dimensions  
400x400x50 mm  
15.75x15.75x1.97 inches

Description:  
Slab, SP Pavers perfect for implementation in architecturally designed areas. Engineered to be installed for pedestrian applications that require drainage capabilities.

Dimensions  
300x300x90 mm  
11.81x11.81x3.54 inches

Description:  
Heavy duty SP Pavers are used in vehicular applications. Engineered for applications such as driveways, parking lots and curbsides. Pavers available in Dupont and Montana.

Dimensions  
115x230x60 mm  
4.5x9.0x2.38 inches

Description:  
Pervious bricks to be used in light vehicle application for driveways and parking stalls. Can be used as drainage/accent strips with 6 cm concrete pavers.