

PAVERS BY IDEAL

Z-Stone Pavers



Stones with Style™



Z-Stone Pavers

INTRODUCTION

The interlocking shape of Z-Stone has earned a well deserved reputation over the years for outstanding performance as a structural pavement. Z-Stone is typically used for applications requiring heavy-duty service such as crosswalks, parking lots, streets, storage depots, container ports, and rail yards.

COMPOSITION & PERFORMANCE

Z-Stone Pavers are made by blending pure iron oxide pigments with a rich concrete mixture. Utilizing extreme pressure and vibration, specialized equipment molds this special mix into high-density concrete pavers with exceptional strength and durability to withstand New England's harsh winter climate.

Z-Stone Pavers are dimensionally accurate and have distinct beveled edges. They offer a slip and skid-resistant surface, and when properly installed, are snow-plow safe! Z-Stone's dentated shape keys the units into each other on all sides. This geometric interlock forms a strong, structural pavement capable of withstanding heavy loads and resisting tipping and turning. Z-Stone Pavers are particularly suited for commercial, municipal, port, and industrial applications.

PHYSICAL CHARACTERISTICS

Z-Stone Pavers meet or exceed North American industry standards, including the requirements of ASTM Specification C 936 for Solid Concrete Interlocking Paving Stones and CSA Standards for freeze-thaw performance. Our strict quality control ensures consistent strength, color and size.

Nominal Size/Coverage	4 1/2" x 9" (113 x 230mm) 3.62 pcs/sf
Thicknesses	2 3/8" (6cm) 3 1/8" (8cm)
Compressive Strength	8500 psi minimum
Water Absorption	5% maximum
Freeze Thaw	No Effect
Slip/Skid Resistance	Excellent to ADA

TECHNICAL SERVICES

Please contact our office to obtain a copy of our Master Specification, as well as comprehensive technical information and literature, including our Lockpave® Pro software. Ideal is pleased to offer design consultation, specification assistance, and job-site quality review upon request.

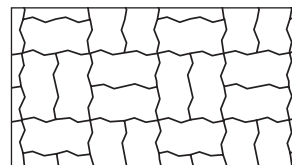
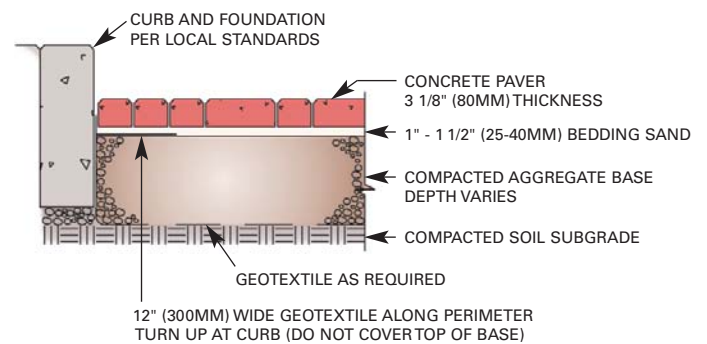
DESIGN, CONSTRUCTION & PATTERNS

The design methodology of Z-Stone segmental pavements is similar to the method used for most types of flexible pavement systems. A thorough study of traffic loading and site conditions, including analysis of the subgrade strength, must be performed. Careful selection of materials and proper construction of the base also are essential to successful performance. Please see our *Contractor's Guide to Installing Interlocking Concrete Pavers* for guidance on installation.

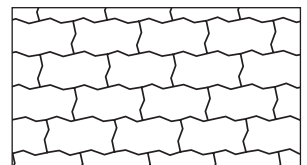
Z-Stone Pavers are a Made-to-Order item. For street, industrial and other heavy duty applications, the 3 1/8" (8cm) thick paver should be used. The 2 3/8" (6cm) thickness is typically used for pedestrian areas and pavements subject to traffic of passenger-type vehicles.

Z-Stone Pavers can be installed in a number of interesting patterns, including herringbone, running or stretcher bond, and basket weave designs. Herringbone patterns are recommended for vehicular traffic or heavy loads due to superior interlock.

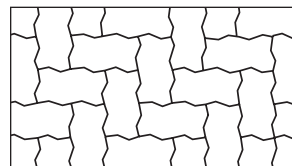
TYPICAL STREET/PARKING LOT CROSS SECTION



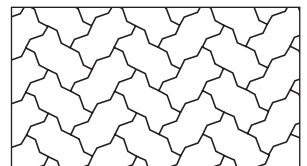
Basket Weave



Running Bond



90° Herringbone



45° Herringbone

A white deposit known as efflorescence may appear naturally on any concrete or masonry product. It does not affect the structural integrity and will dissipate over time. Efflorescence is not indicative of a flawed product. For more information, please ask for our Efflorescence Advisory.

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