

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 offer superb quality, exceptional strength and lasting durability. Manufactured in controlled factory conditions, the units are comprised of a cement-rich blend and select aggregates molded into high density pavers.

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 230 mm)
	3.62 pcs/sf
Thickness	3 1/8" (8 cm)
Compressive Strength	8500 psi minimum
Water Absorption	5% maximum
Freeze Thaw	No Effect - 3% saline
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. Ideal is pleased to offer design consultation, specification assistance, and job-site quality review upon request.

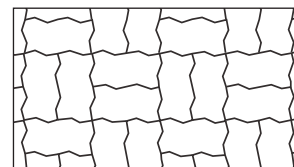
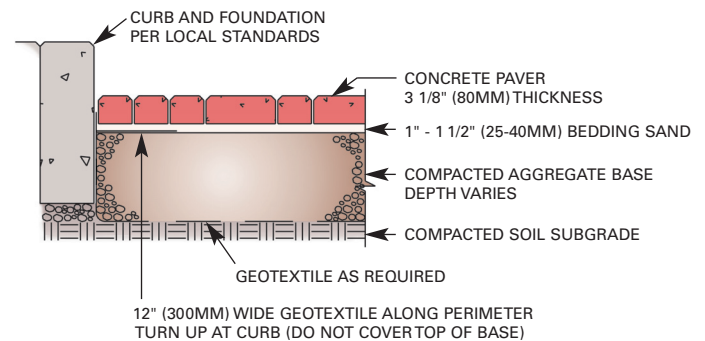
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DESIGN, CONSTRUCTION & PATTERNS

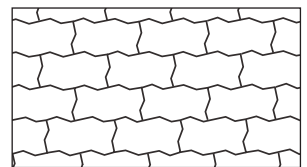
The design of Z-Stone segmental pavements is similar to the methodology used for most types of flexible pavement systems. Factors include calculation of anticipated ESALs and thorough analysis of site conditions, including subgrade soils. Careful selection of road base materials and proper construction are essential to successful pavement performance. Please see our *Contractor's Guide to Installing Interlocking Concrete Pavers* for guidance on installation.

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

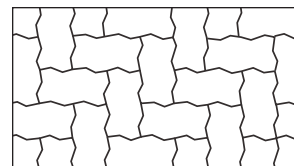
TYPICAL STREET/PARKING LOT CROSS SECTION



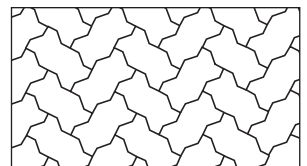
Basket Weave



Running Bond



90° Herringbone



45° Herringbone

Notes:

- Z-Stone Pavers are a Made-to-Order Item. Please consult our Sales Office for availability.
- 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.
- Magnesium, Potassium and Calcium Chlorides, including products that contain a blend of these chemicals, are NOT considered suitable deicers for concrete pavers. Please see our Deicing Advisory for detailed information.

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