



Z-Lock™



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INTRODUCTION

For heavily trafficked and high-load pavements, few shapes match the performance of Z-Lock. Z-Lock's unique geometric "L shape" design provides exceptional performance under multiple ESAL loads of single and tandem-axle vehicles. The angled sides of Z-Lock's dentated shape lock each paving stone into adjacent units. The tightly-knitted surface provides superior resistance to dynamic loads from braking, turning and accelerating and distributes vertical loads, thereby reducing stress to the base and subgrade for extended pavement life.

While Z-Lock can be hand-set, the shape and layer configuration of Z-Lock is intended for mechanical installation where significant savings can be realized through increased productivity, efficiency and labor costs on large-scale pavements.

COMPOSITION & PERFORMANCE

Z-Lock offers dependable quality, exceptional strength and lasting durability. The pavers are comprised of a cement-rich concrete blended with select aggregates and saturated throughout with pure iron oxide pigments. The units are dimensionally accurate and possess a slip and skid-resistant surface and are resistant to NaCl-type deicing chemicals when applied at the proper rate.

Z-Lock is ideally suited to pavement applications such as crosswalks, streets, parking lots, ports, loading facilities, storage yards and depots, and industrial yards that are subject to heavier vehicle loads and traffic. In the event underground repairs are necessary, the pavers can be removed and reinstated without leaving an unsightly patch.

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.

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, ask for Ideal's Efflorescence Advisory. Always comply with OSHA requirements when cutting or sawing concrete products.

PHYSICAL CHARACTERISTICS

Z-Lock 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:

Unit is an L shape with two equal sides and two false joints

Outside Length: Approx. 8 7/8" (225mm)

Inside Length: Approx. 4 1/2" (112.5mm)

Coverage: 2.41 pavers per square foot

Thickness: 3 1/8" (8 cm)

Compressive Strength: 8500 psi minimum

Water Absorption: 5% maximum

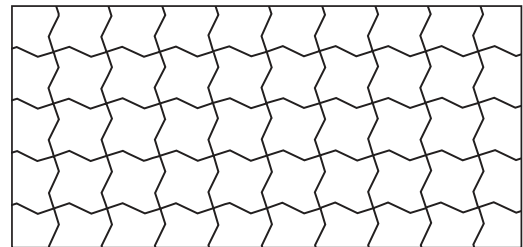
Freeze Thaw: No Effect

Slip Resistance: Excellent to ADA

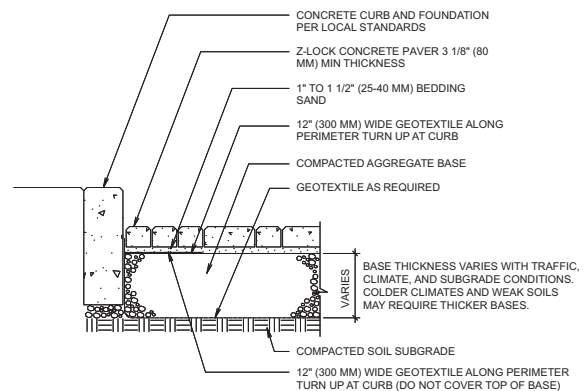
INSTALLATION & PATTERNS

Please see our *Contractor's Guide to Installing Interlocking Concrete Pavers* for comprehensive guidance on installation.

Z-Lock can be installed in a number of patterns, including herringbone, however, the overall pattern is uniform.



STREET / PARKING LOT ON COMPACTED AGGREGATE BASE



Z-Lock™ is a trademark of Ideal Concrete Block Co.

Traditional & Permeable Pavers ■ Landscape Retaining Walls ■ Natural Stone
Manufactured by Ideal Concrete Block Co.
45-55 Power Rd., Westford, MA 01886 ■ 232 Lexington St., Waltham, MA 02452
(781) 894-3200 ■ info@IdealConcreteBlock.com ■ www.PaversbyIdeal.com


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