

Posted 12.5.2019 at 3:00pm by JAD

SELECT BOARD

AGENDA

Tuesday, December 10, 2019

7:00pm

Town Hall Meeting Room

13 Ayer Road, Harvard, MA 01451

Alice von Loesecke (Chair), Stu Sklar, Lucy Wallace, Kara McGuire Minar, Rich Maiore

1) *Call Meeting to Order* – Alice von Loesecke

2) *Tax Classification Hearing (7:00)*

3) *Discuss and approve materials for Town Center Complete Streets project (7:05)*

4) *Executive Session:* The Board will enter into executive session, as authorized by Chapter 30A, Section 21.3 to discuss strategy with respect to collective bargaining or litigation if an open meeting may have a detrimental effect on the bargaining or litigating position of the public body and the chair so declares. The Board will reconvene into open session only to adjourn.

NEXT SCHEDULED MEETING

Town Hall Meeting Room

December 17, 2019

7:00pm



Ideal Concrete > Our Products > Concrete Pavers > Industrial Pavers > Uni-Anchorlock®

SKIP NAVIGATION

CONCRETE PAVERS

- Traditional Shapes & Finishes
- Drum-Roll Tumbled Shapes and Finishes
- Industrial Pavers
- Uni-Anchorlock®**
- Z-Stone®

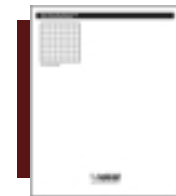
PERMEABLE PAVERS

- RETAINING WALLS & COPING
- STEPS, STAIRS & ELEVATIONS
- FIRE PITS
- KING OF HEARTHES
- ELEMENTS WITH STYLE
- PACKAGING DIRECTORY
- PHOTO GALLERIES
- INSTALLATION

Uni-Anchorlock was developed for heavy-duty applications such as ports and streets. The interlocking "L" shape acts as an anchor, preventing twisting, tipping, or lateral movement when stressed. This design makes Uni-Anchorlock the ideal stone for large-scale mechanical installation. Uni-Anchorlock is a "Made to Order" item.

Dimensions & Coverage

Uni-Anchorlock | 8 7/8" W x 8 7/8" L | 3 1/8" thick | 2.41 pcs/sf |



Download Patterns

SHAPE OPTIONS



Uni-Anchorlock

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- [Homeowners](#) 
- [Contractors](#) 
- [Designers](#) 
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- [Catalog](#) 



[Ideal Concrete](#) > [Our Products](#) > [Concrete Pavers](#) > [Industrial Pavers](#) > [Z-Stone®](#)

SKIP NAVIGATION

CONCRETE PAVERS

- [Traditional Shapes & Finishes](#)
- [Drum-Roll Tumbled Shapes and Finishes](#)
- [Industrial Pavers](#)
- [Uni-Anchorlock®](#)
- [Z-Stone®](#)

PERMEABLE PAVERS

RETAINING WALLS & COPING

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PHOTO GALLERIES

INSTALLATION

[Homeowners](#) 

[Contractors](#) 

[Designers](#) 

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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.

Dimensions & Coverage

Z-Stone | 4 1/2" W x 9" L | 3 1/8" thick | 3.62 pcs/sf |

SHAPE OPTIONS



Single Unit

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We're Here to Help. Just Ask.

- Have a question? We respond to all emails within 24 business hours.
info@idealconcreteblock.com
- Would you like to request product and installation information?
[Request Info](#)
- Require immediate assistance?
Call us Toll Free at 800-444-PAVR (7287)

Westford - Administrative, Sales & Marketing Offices

45 Power Road
P.O. Box 747
Westford, MA 01886
P: 978-692-3076
F: 978-692-0817

Westford - Manufacturing & Order Center

55 Power Road
P.O. Box 747
Westford, MA 01886
P: 978-692-3076
F: 978-692-0487

Waltham - Hardscape Sales and Showroom

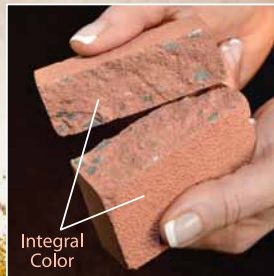
232 Lexington Street
Waltham, MA 02452
P: 781-894-3200
F: 781-894-1879

Waltham - True Value by Ideal Hardware Store

232 Lexington Street
Waltham, MA 02452
P: 781-894-2188

Integral Color for Ready Mix Concrete

We are the pigment
of your imagination!



- Vibrant
- Permanent & Non-Fading
- Cost-Effective
- Maintenance-Free
- Eco-Friendly & Non-Toxic



Integral Color for Ready Mix Concrete

Highly concentrated, requiring less pigment to create vibrant colors.
Permanent, sunfast and weather-resistant.
Packaged in pre-measured bags that disintegrate in the mix for easy, clean use.
Pigments can be added to any concrete mix.

FINISHING:

Step 1. Place the concrete and strike it off using recognized methods.

Step 2. Use a vibrating screed or magnesium float. Always work in one direction. Stop the floating if any bleed water appears, as this can cause scaling and discoloration. Wait until the bleed water has evaporated to resume floating.

Note: A power trowel or a magnesium hand float can be used to create a smooth finish, but use caution; overworking the surface will cause discoloration.

Step 3. Stamping and other finishing techniques (such as broom, rotary, textured patterns, or exposed aggregate) can be performed after floating. Do not let the concrete get too hard before finishing, but allow sufficient time for it to set; rushing steps can alter the final appearance of the concrete.

PACKAGING:

One bag corresponds to one pre-measured unit of color for one cubic yard (US) or one cubic metre of concrete.

Interstar pigment is packaged in special disintegrating bags that are added directly to the ready mix truck for a clean, easy job. Decreased handling means increased workplace safety and greater efficiency.

Note: Occasionally, bags may not completely disintegrate due to worn fins, improper mixing, etc. Please instruct finishing crews to watch for paper when the concrete is in the discharge chute. If paper is found, additional mixing may be required. If desired, the pigment bag may be cut open, and the pigment added directly into the concrete mix.

LIMITATIONS:

The optimal recommended dose of pigment ranges from 2% (1 bag) to 7% (3 bags) based on the weight of the cementitious materials. The color saturation point is 10% (4 bags). Higher doses will not enhance the color and may significantly degrade the durability of the finished product. Doses below 1% (1/2 bag) will result in uneven color and a washed-out appearance.

Please see Interstar's warranty for complete details.

IMPORTANT:

This color chart is approximate and does not depict the exact colors that can be attained. These samples were developed in a controlled environment using materials that vary from one location to another. Many factors will affect the color of the finished product, including but not limited to: the materials used, workmanship, finishing techniques, curing / sealing and the weather. This color chart must be used only as a guideline. A test pour is highly recommended to make sure the results meet your expectations.

DO

- A test pour is highly recommended to be sure the results will meet your expectations.
- Use a qualified decorative concrete contractor who has experience working with integrally colored concrete.
- Use a mix design suitable for your specific application.
- Admixtures will cause variations in the color. If used, they must be used consistently throughout the job to ensure uniform coloring from batch to batch.
- Make sure that every truck contains the same number of yards/metres of concrete.
- Place the concrete at an even thickness throughout.
- Finish all surfaces in the same time frame after placing, and in the same direction when troweling.
- Always use clean tools. Use new brooms if a broom finish is desired.
- Be sure the concrete cures evenly and consistently, and all areas dry at the same rate to avoid color variations.
- Allow the concrete to cure for 30 days before inspecting the color or appearance. Colored concrete continues to lighten until it is fully cured.
- Allow the concrete to cure for approximately 30 days and be sure it is uniformly dry before applying sealer.

DON'T

- NEVER ADD WATER to the tools, the surface of the concrete or the ready mix truck on site. NEVER.
- Don't use fly ash or slag in the mix design; they will affect the color.
- Don't pour concrete when the weather is unfavorable, or when the temperature is below 50 °F (10 °C).
- Avoid projects that require several small pours.
- Avoid pouring on different days.
- Avoid casting shadows over the area. Concrete poured in shaded areas is a different temperature than that poured in unshaded areas. This may result in color variations.
- Never use calcium chloride or any accelerators.
- Don't finish with long-handled Fresno trowels.
- Don't use dirty or wet tools.
- Don't over-finish, as this may darken the surface.
- Don't fog the surface with water.
- Don't use wet coverings, plastic sheeting, waterproof paper, or liquid membrane curing compounds.



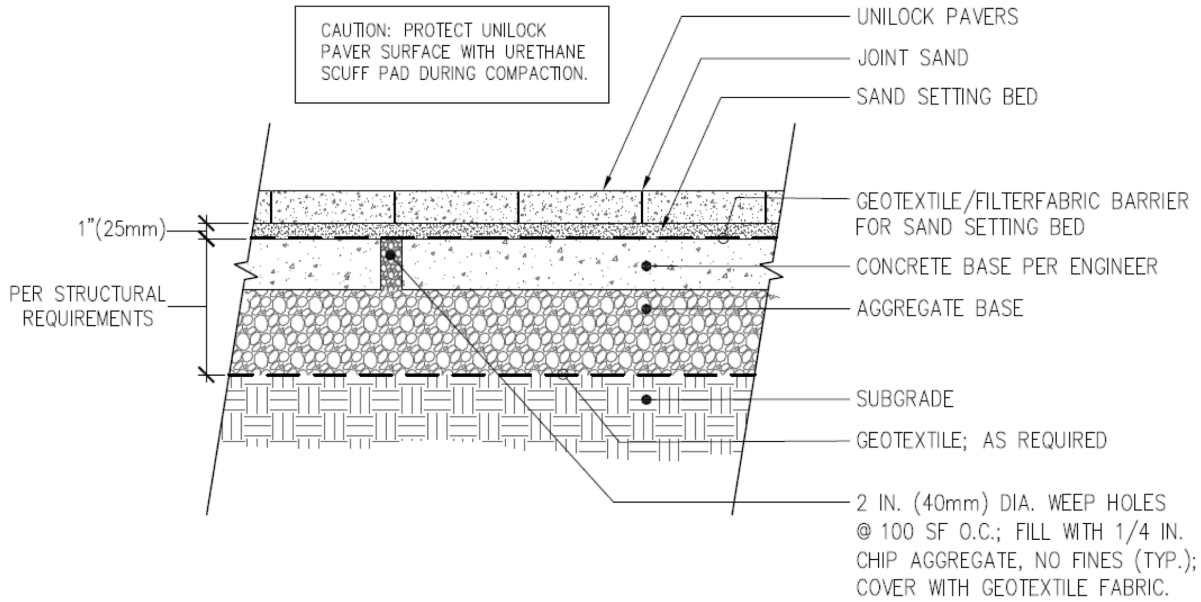
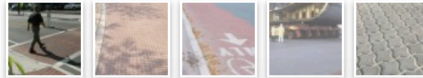
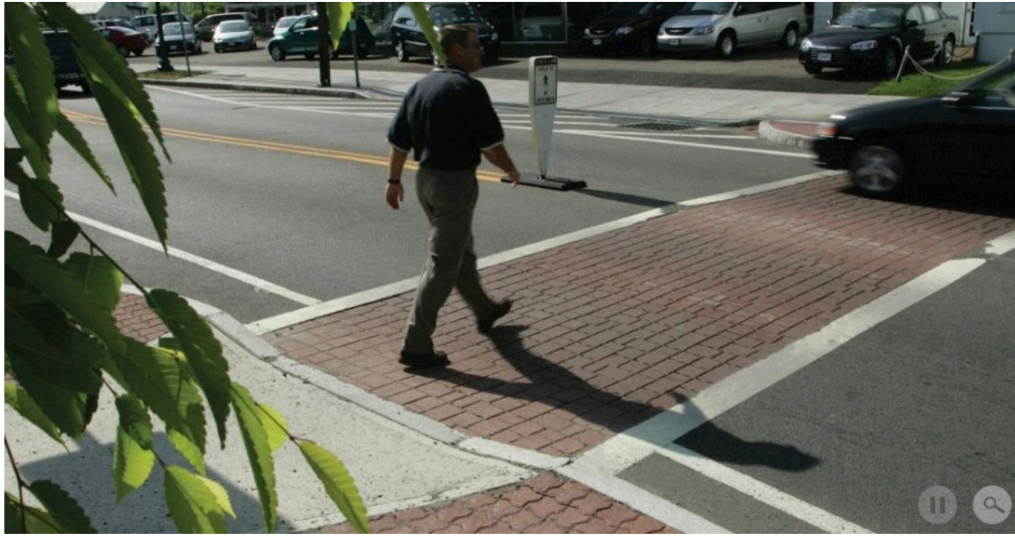




Ready Mix Color Chart

Not for Outdoor Use

ANCHORLOCK® - AVAILABLE IN NASHUA, NEW HAMPSHIRE





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<https://commercial.unilock.com/products/a-z-products/all/anchorlock/?region=5>

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
Thickness	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

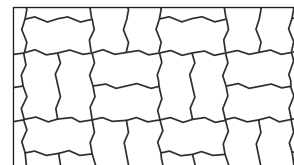
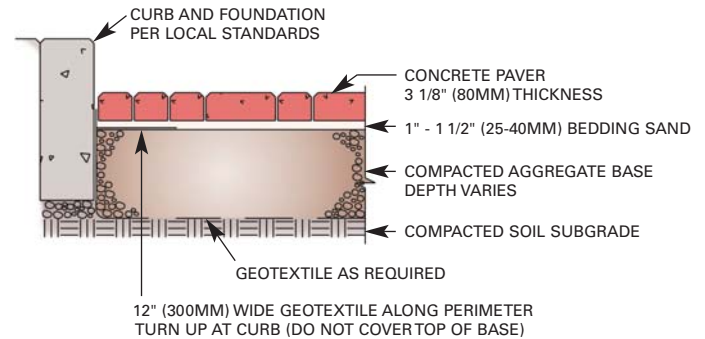
Please contact our office to obtain a copy of our Master Specification, as well as comprehensive technical information and literature. Ideal is pleased to offer design consultation, specification assistance, and job-site quality review upon request.

DESIGN, CONSTRUCTION & PATTERNS

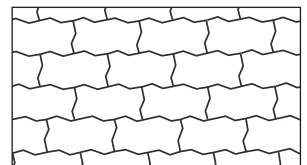
The design methodology of Z-Stone segmental pavements is similar to the method used for most types of flexible pavement systems. A thorough study of traffic loading and site conditions, including analysis of the subgrade strength, must be performed. Careful selection of materials and proper construction 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. 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.

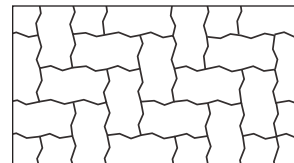
TYPICAL STREET/PARKING LOT CROSS SECTION



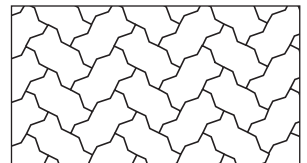
Basket Weave



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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