

SPECIFICATIONS GUIDE

Pavers, Retaining Walls, Outdoor Living & Landscape Accessories



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countymaterials.com
 (800) 242-7733
 info@countymaterials.com



SCAN
 for full product offerings



*"We're continuously building a company that hardworking people are proud to work for, live near, and do business with **since 1946.**"*

Tim Sonnentag
OWNER, COUNTY MATERIALS CORPORATION



Proud to be American based and
American made since 1946



County Materials' time-tested landscape products help landscaping professionals and homeowners create the designs of their dreams.

County Materials was founded on the principles of working hard, taking pride in results, and building relationships, and these principles continue to drive our success. Our experienced and knowledgeable sales representatives are always willing to go the extra mile to ensure the satisfaction of our valued customers, whether that means answering questions, providing product samples, or offering creative solutions to overcome project challenges. Our diverse product offerings are all made right here in America by our experienced and talented team. We draw inspiration from nature, developing rich colors and refined surface textures that withstand the effects of time and weather.

We have more than 75 years of experience creating long-lasting concrete landscape products

that are used and loved by families across the country. As a third-generation American-based family business, we are inspired to help our customers create warm and inviting gathering spaces that bring people together.

Discover the potential of your outdoor living and gathering spaces with County Materials' concrete landscape products.



What are **DIMENSIONALLY COMPATIBLE PAVERS?**

Our dimensionally compatible family of pavers is a series of pavers manufactured in four-inch increments allowing them to integrate effortlessly.

Offering Limitless Design Potential

County Materials designed a series of dimensionally compatible pavers to help hardscape professionals and homeowners achieve their desired look and feel when using several colors, sizes, and textures in a single design. By manufacturing these pavers in four-inch increments, installation efficiencies and aesthetics are maximized.

Vantage
Pavers

Elements
Paving
Stones
(4x8)

Elements
Paving
Stones
(8x16)

Discover
Pavers

**When browsing, look for this icon for
Dimensionally Compatible products.**



Dimensionally
Compatible

GENESIS FACE-MIX, what is it?

County Materials invests in Genesis Face-Mix Technology® to manufacture beautifully designed pavers and slabs that are backed by the strength and longevity of quality concrete. Our manufacturing process integrally bonds face-mix to the base of each unit, resulting in products that are a step up from contractor-grade quality, offering

***exceptional durability, lasting
color performance, and
captivating surface textures.***

Our high-density pavers and slabs are manufactured to meet industry standards for strength and absorption. They stand up to the effects of time, weathering from Mother Nature, and frequent use in everyday life.

**When browsing, look for this icon for
Genesis Face-Mix Technology products.**

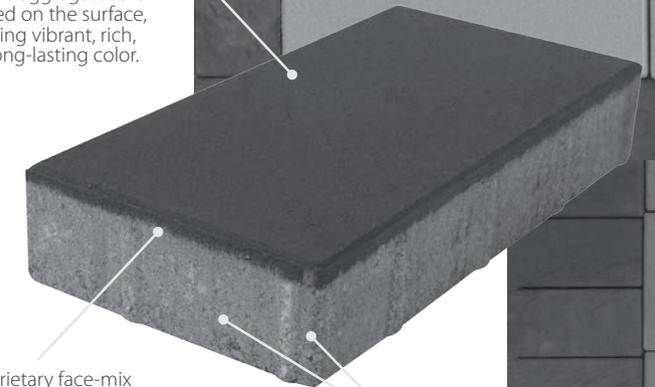


Genesis
Face-Mix

**County Materials' pavers and slabs are
backed by our customer warranty.**

Fine aggregates and dense concrete mix provide a smooth, refined surface.

Pure color pigments and fine aggregates are blended on the surface, providing vibrant, rich, and long-lasting color.



Proprietary face-mix integrally bonded to the base, offering exceptional durability and aesthetic design.

Base concrete mix features larger aggregates for high-compressive strength.

Installation Guidelines | INTERLOCKING CONCRETE PAVERS



ICPI Guide

County Materials provides general construction guidelines to design professionals and installers of interlocking concrete pavers. For additional installation information, reference the Interlocking Concrete Pavement Institute's (ICPI) Tech Spec Technical Bulletins.

Excavation

- Before excavating, call all local utility companies (e.g., phone, gas, electrical) to ensure the area in which you plan to dig is clear of underground utilities.
- When excavating, it is important to achieve a slope in increments of 1.5% (3/16" per ft./5 mm per 300 mm), which will allow for proper drainage. The excavation should mirror the final grade of pavement.
- The width of your base behind your edge should be equivalent to the thickness of the base.
- Grade the bottom of your excavated area. If the natural soil is granular or sandy, the industry recommends you compact the soil with a vibrating plate. If the soil is clay-like, change the soil with a blend of lime and crushed stone prior to compaction. Next, cover it with a layer of geotextile fabric to prevent the contamination of your base (clay and 0-3/4" [0-20 mm] crushed stone).

Base Material

- Install your 0-3/4" (0-20 mm) crushed stone base, in 4" (100 mm) lifts with a (minimum 5000 lbs [22 kN] vibrating plate) compactor.
- To facilitate compacting, wet your base material thoroughly and compact with a vibrating plate proceeding in all directions. Continue this process until you achieve your desired height. At this stage, you can verify your final height with the help of a paver.
- Base tolerance $\pm 3/8"$ (10 mm) for every 10' (3-m) increment.

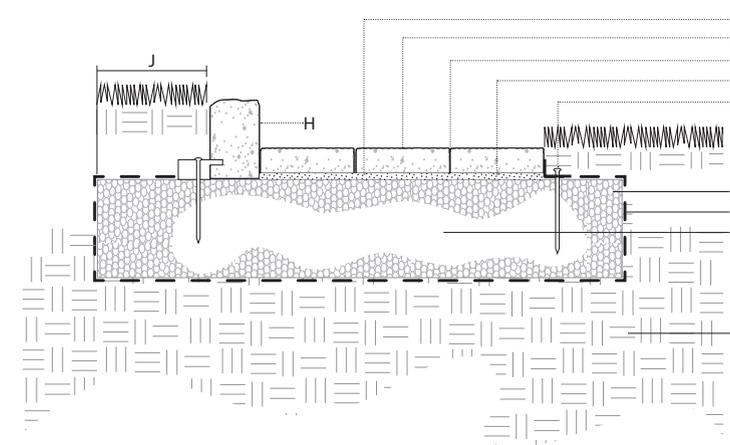
The Setting Bed

- On your compacted crushed base, install two pipes (outside diameter of 1" (25 mm)). Grade the concrete sand with the help of a straight edge. If the base isn't properly graded and smooth, imperfections will be evident in the finishing grade of the pavement.
- Bedding sand should not be compacted until all paving stones have been laid down. Passing the vibrating plate over your paving stones causes them to settle approximately 3/8" (10 mm) into your bedding sand.

Installation Guidelines | INTERLOCKING CONCRETE PAVERS



ICPI Guide



INTERLOCKING CONCRETE PAVEMENT INSTALLATION

Typical cross section

Mock-Up Sample Units

Before project installation begins, construct a separate mock-up sample panel of not less than 7 feet by 7 feet with units in the pattern, type, color, finish and shape specified. This sample panel must be completed for evaluation of surface preparation techniques, application workmanship, as well as the application methods for any jointing materials, and cleaning and sealing agents.

Installation of Paving Stones

- Once the choice of paving stones and the design has been finalized, it is recommended that you start installing your pavers at a 90-degree angle. This is realized by proceeding as follows: measure a first horizontal line 3' (1-m), and a second line of 4' (1.2 m) perpendicular to the first. You then connect a third straight line of 5' (1.5 m) which will form a triangle, and the result will be a perfect 90-degree angle. While installing your paving stones, walk on the installed pavers, and fill in gaps caused by the pipes with concrete sand.
- Because concrete units are manufactured with high quality, naturally-mined aggregates and materials, variations in color or shading should be expected in products that are manufactured at different times and in units having different shapes. This color or shading variation is acceptable in the industry.

The contractor must install concrete units in accordance with the landscaping industry's best practices, according to ICPI standard specifications, and the manufacturer's instructions. Install units from several pallets to ensure distribution of color. County Materials is not liable or responsible for loss or damage resulting from improper storage, handling, maintaining the products or failure to follow installation instructions. Follow recommended warnings, advisories and instructions.

- You may use a chalk line to mark the stones to be cut along the borders, after which you can then cut using a guillotine or a concrete saw. When cutting paving stones, always wear personal protective equipment.
- Once you finish installing your paving stones, you can then install the specified edge restraint. In a vehicular traffic application, the concrete must be reinforced using steel rods.

Installation Guidelines | CONCRETE SLABS



County Materials provides general construction guidelines to design professionals and installers of interlocking concrete pavers. For additional installation information, reference the Interlocking Concrete Pavement Institute's (ICPI) Tech Spec Technical Bulletins.

Excavation

- Before excavating, call all local utility companies (e.g., phone, gas, electrical) to ensure that the area in which you plan to dig is clear of underground cables or wires. If any are found, please notify the appropriate companies before you continue.
- When excavating, it is important to achieve a slope in increments of 3/16" per ft. (5 mm per 300 mm) which will allow for proper drainage. The excavation should mirror final grade of pavement.
- The width of your base behind your edge should be equivalent to the thickness of the base.
- Grade the bottom of your excavated area. If the natural soil is granular or sandy, the industry recommends you compact the soil with a vibrating plate. If the soil is clay-like, change the soil with a blend of lime and crushed stone prior to compaction. Next, cover it with a layer of geotextile membrane to prevent the contamination of your base (clay and 0-3/4" [0-20 mm] crushed stone).

Base Material

- Install your 0-3/4" (0-20 mm) crushed stone base, in 4" (100 mm) lifts with a (minimum 5000 lbs [22 kN] vibrating plate) compactor.
- To facilitate compacting, wet your base material thoroughly and compact with a vibrating plate proceeding in all directions. Continue this process until you achieve your desired height. At this stage, you can verify your final height with the help of a paver.
- Base tolerance $\pm 3/8"$ (10 mm) for every 10' (3-m) increment.

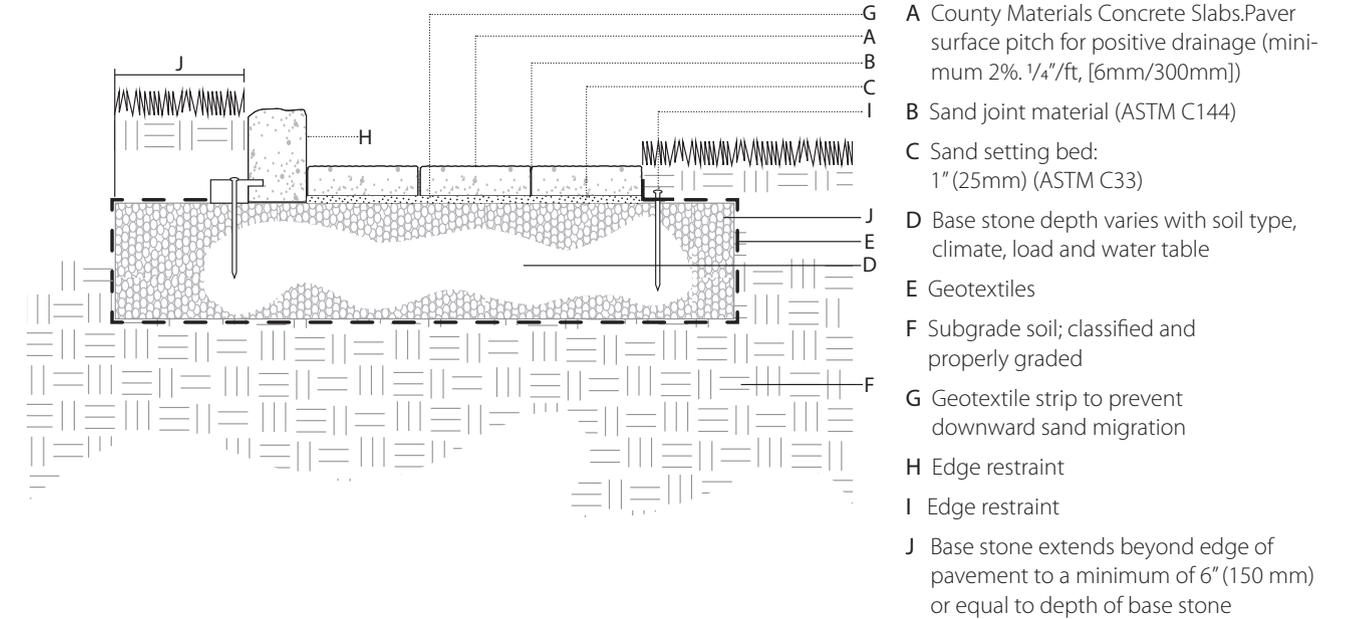
The Setting Bed

- On your compacted crushed base, install two pipes (outside diameter of 1" (25 mm)). Grade the concrete sand with the help of a straight edge. If the base isn't properly graded and smooth, imperfections will be evident in the finishing grade of the pavement.
- Once the setting bed is graded, pre-compact with a hand tamper, then lightly fluff.

Installation Guidelines | CONCRETE SLABS



ICPI Guide



CONCRETE SLAB INSTALLATION

Typical cross section

Installation of Paving Stones

- Once the choice of slabs and the design has been finalized, it is recommended you start installing your slabs at a 90-degree angle. To obtain a 90-degree angle you should use the rule of a 3/4/5-triangle. This is realized by proceeding as follows: measure a first horizontal line of 3' (1-m), and a second line of 4' (1.2 m) perpendicular to the first. You then connect a third straight line of 5' (1.5 m) which will form a triangle, and the result will be a perfect 90-degree angle. While installing your slabs, walk on the installed slabs, and fill in gaps caused by the pipes with concrete sand.
- Color of concrete products may vary significantly between production lots. Install concrete slabs from several pallets to ensure distribution of color. Furthermore, you should proceed with the cubes from top to bottom.
- You may use a chalk line to mark the stones to be cut along the borders, after which you can then cut using a concrete saw. When cutting slabs, always wear personal protective equipment, including protective ear and eye wear.
- Once you finish installing your slabs, you can install the specified edge restraint.

Paver Application, Palletization & Availability Table

Pavers & Slabs	Vehicular Traffic	Pool Deck	Commercial	Pedestrian	How Is This Product Palletized?	Product Availability
Dimensionally Compatible Pavers						
VANTAGE PAVERS® (70mm)	•	•	•	•	3 pc Combo	Stocked
VANTAGE PAVERS® 4x8 (70mm)	•	•	•	•	Individual sizes palletized separately	Stocked
Grand VANTAGE PAVERS® (70mm)		•		•	3 pc Combo	Stocked
DISCOVER PAVERS® (70mm)	•	•	•	•	3 pc Combo	Stocked
Grand DISCOVER PAVERS® (70mm)		•		•	3 pc Combo	Stocked
Grand XL DISCOVER PAVERS® (70mm)		•		•	Individually palletized / one size only	Stocked
Grand FUSION PAVERS™		•		•	3 pc Combo	Stocked
Grand TRANQUILITY PAVERS® (70mm)		•		•	3 pc Combo	Stocked
ELEMENTS™ Paving Stones - 4x8 (70mm)	•	•	•	•	Individual sizes palletized separately	Stocked
ELEMENTS™ Paving Stones - 8x16 (70mm)	•	•	•	•	Individual sizes palletized separately	Stocked
Unique Size & Finish Pavers						
DESTINATION PAVERS® (70mm)		•		•	4 pc Combo (4 unique sizes / 9 face styles)	Stocked
INFLUENCE PAVERS® (80mm)	•	•	•	•	5 pc Combo	Stocked
ESSENCE® Wood Grain Plank Pavers (80mm)	•	•	•	•	5 pc Combo	Stocked
SKYLANDS™ Concrete Deck Pavers (51mm)		•		•	Individually palletized	Stocked
Permeable Pavers						
H ₂ O PRO® Pavers Permeable Paver System - Unit A (80mm)	•	•	•	•	Individual sizes palletized separately	Stocked
REJUVENATE™ Permeable Pavers (80mm)	•	•	•	•	Individually palletized	Stocked

VANTAGE PAVERS® 4x8 (Available 5/1/24)

VANTAGE PAVERS® 4x8 (NEW) featuring the same surface texture as the Vantage Paver family, this border pieces can be used alone or melded with compatible pavers. This border compliments both smooth and textured paver fields and is available in our most popular colors.



4 x 8 IN
2 3/4 HEIGHT



PRODUCT NUMBERS

VANTAGE -
Texture Finish 2 3/4" H

Beckon	0070372V4
Vision	0070374V4
Majestic	0070363V4
Reflection	0070364V4
Timeless	0070365V4



Compatibilidad
dimensional



Genesis
Face-Mix



VANTAGE 4X8

Size (in.)	4x8
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	101.28
Layer	12.66
Section	N/A
Unit	0.214

Per Bundle	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	0.3275
Sections	N/A
Layer	19.32
Pallet	154.34

Sailor LNFT per	
pc	0.655
Section	N/A
Layer	38.64
Pallet	309.16

UNITS per	
SqFt	4.65
Layer	59
Pallet	472

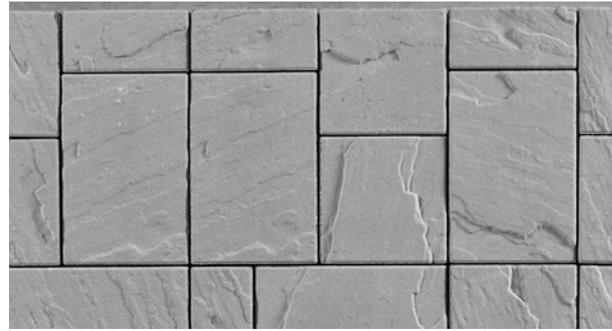
LBS per	
Layers	420
Section	N/A
Pallet	3360

Colors	
Vision, Reflection, Beckon, Timeless, Majestic	

Vision, Reflection, Beckon, Timeless, Majestic

VANTAGE PAVERS®

Vantage Pavers feature a striking surface texture that evokes subtle sophistication. These traditional-sized pavers are manufactured as three-piece modules and can be used alone or melded with compatible pavers to create one-of-a-kind installations.



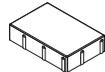
4 x 8 IN
2 3/4 HEIGHT



8 x 8 IN
2 3/4 HEIGHT



8 x 12 IN
2 3/4 HEIGHT



PRODUCT NUMBERS

VANTAGE -

Texture Finish 2 3/4" H

Enlighten	0070370
Exalt	0070369
Allure	0070371
Intention	0070362
Majestic	0070363
Reflection	0070364
Timeless	0070365



Dimensionally
Compatible



Genesis
Face-Mix

VANTAGE

Size (in.)	4x8, 8x8, 12x8
Pallet Type	10 of each size per layer (80 sets of 3 per pallet)
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	99.6
Layer	12.45
Section	N/A
Unit	N/A

Per Pallet	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	N/A
Pallet	N/A

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	19.55
Pallet	156.4

UNITS per	
SqFt	N/A
Layer	10 of each size
Pallet	80 of each size

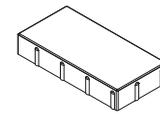
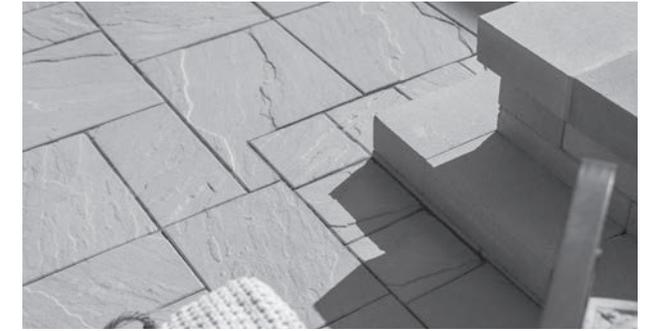
LBS per	
Layers	410
Section	N/A
Pallet	3280

Colors	
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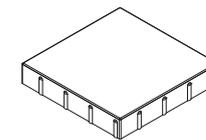
Reflection, Timeless, Majestic, Intention,
Exalt, Enlighten, Allure

Grand VANTAGE PAVERS®

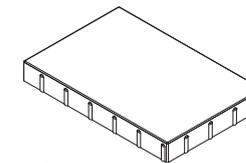
Grand Vantage Pavers feature a striking surface texture that evokes subtle sophistication. These larger paving stones are manufactured as three-piece modules and can be used alone or melded with compatible pavers to create one-of-a-kind installations.



8 x 16 IN
2 3/4 HEIGHT



16 x 16 IN
2 3/4 HEIGHT



16 x 24 IN
2 3/4 HEIGHT

PRODUCT NUMBERS

Grand VANTAGE -
Texture Finish 2 3/4" H

Enlighten	0070390
Exalt	0070389
Allure	0070391
Intention	0070382
Majestic	0070383
Timeless	0070385



Dimensionally
Compatible



Genesis
Face-Mix

Grand VANTAGE

Size (in.)	8x16, 16x16, 16x24
Pallet Type	2 of each size per layer
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	81.28
Layer	10.16
Section	N/A
Unit	N/A

Per Pallet	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	N/A
Pallet	N/A

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	7.795
Pallet	62.36

UNITS per	
SqFt	N/A
Layer	2 of each size
Pallet	16 of each size

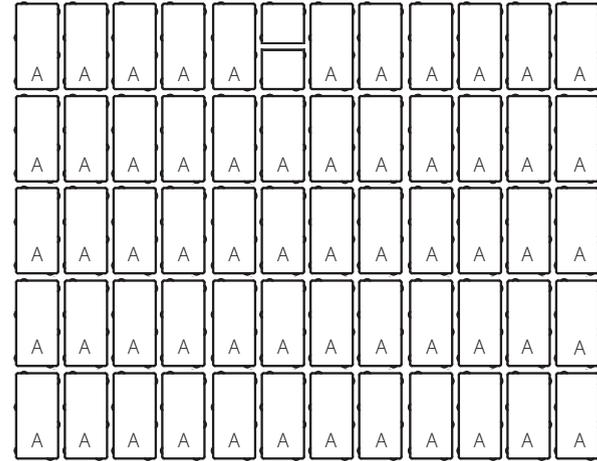
LBS per	
Layers	332
Section	N/A
Pallet	2656

Colors	
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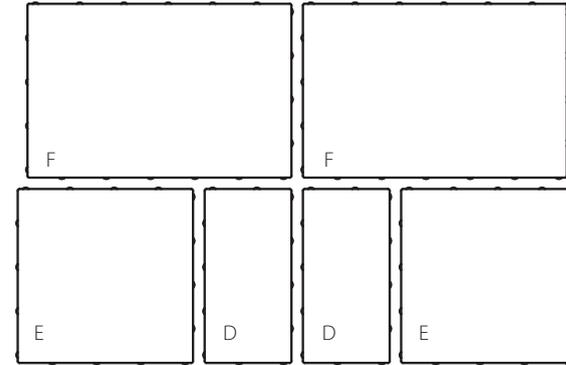
Timeless, Majestic, Intention, Exalt,
Enlighten, Allure

Layer Configurations

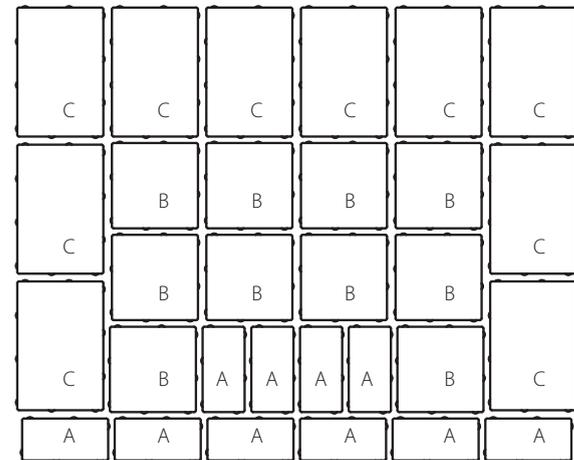
VANTAGE PAVERS 4X8



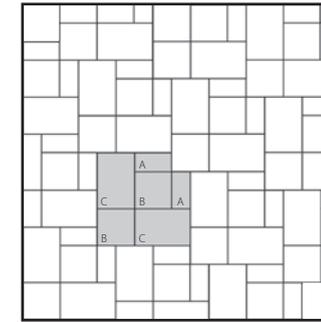
Grand VANTAGE PAVERS



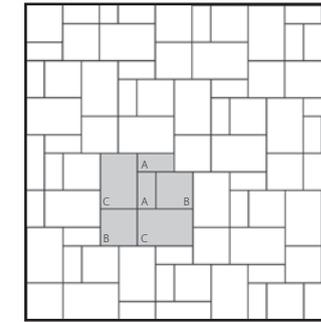
VANTAGE PAVERS



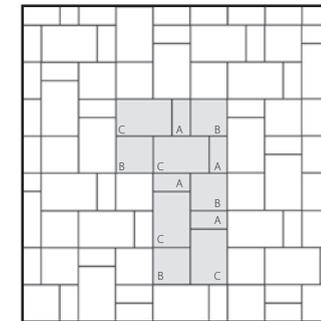
Installation Patterns



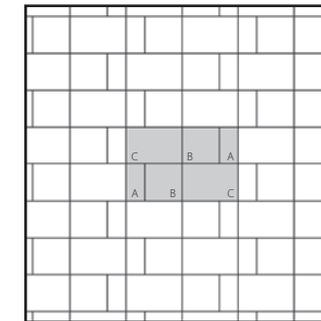
A, B & C Units Pattern #1
A-33% B-33% C-33%



A, B & C Units Pattern #2
A-33% B-33% C-33%



A, B & C Units Pattern #3
A-33% B-33% C-33%



A, B & C Units Pattern #4
A-33% B-33% C-33%

Vantage Pavers units A, B and C shown in the patterns to the left can also be substituted with the Grand Vantage Pavers units D, E and F

A Unit = D Unit
B Unit = E Unit
C Unit = F Unit

DISCOVER PAVERS®

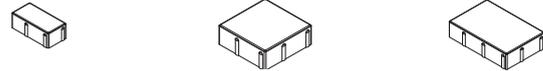
Discover Pavers offer a smooth, sought-after surface texture in traditional sizes. Manufactured as three-piece module, these pavers can be used alone or melded with compatible pavers to create one-of-a-kind installations.



4 x 8 IN
2 3/4 HEIGHT

8 x 8 IN
2 3/4 HEIGHT

8 x 12 IN
2 3/4 HEIGHT



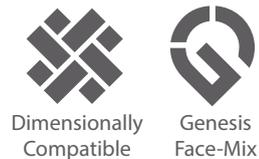
PRODUCT NUMBERS

DISCOVER - Smooth Finish 2 3/4" H

Enlighten	0070330
Exalt	0070329
Allure	0070331
Intention	0070322
Majestic	0070323
Reflection	0070324
Serenity	0070326
Timeless	0070325

DISCOVER - Tumbled Finish 2 3/4" H

Majestic	0070323T
Timeless	0070325T



DISCOVER

Size (in.)	4x8, 8x8, 12x8
Pallet Type	10 of each size per layer
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	99.6
Layer	12.45
Section	N/A
Unit	N/A

Per Pallet	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	N/A
Pallet	N/A

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	19.55
Pallet	156.4

UNITS per	
SqFt	
Layer	10 of each size
Pallet	80 of each size

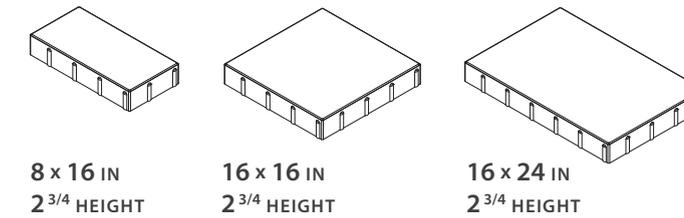
LBS per	
Layers	410
Section	N/A
Pallet	3280

Colors	
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Reflection, Intention, Enlighten, Timeless, Serenity, Allure, Majestic, Exalt

Grand DISCOVER PAVERS®

Grand Discover Pavers offer a smooth, sought-after surface texture in larger paving stone sizes. Manufactured as a three-piece module, these pavers can be used alone or melded with compatible pavers to create one-of-a-kind installations.



8 x 16 IN
2 3/4 HEIGHT

16 x 16 IN
2 3/4 HEIGHT

16 x 24 IN
2 3/4 HEIGHT

Grand DISCOVER Sample Kit

Kit includes black 158901GD canvas portfolio bag & lightweight samples of paver colors & size



PRODUCT NUMBERS

Grand DISCOVER - Smooth Finish 2 3/4" H

Enlighten	0070350
Exalt	0070349
Intention	0070342
Majestic	0070343
Serenity	0070346
Timeless	0070345
Allure	0070352
Vision	0070351



Grand DISCOVER

Size (in.)	8x16, 16x16, 16x24
Pallet Type	2 of each size per Layer
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	81.28
Layer	10.16
Section	N/A
Unit	N/A

Per Pallet	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	N/A
Pallet	N/A

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	7.795
Pallet	62.36

UNITS per	
SqFt	N/A
Layer	2 of each size
Pallet	16 of each size

LBS per	
Layers	340
Section	N/A
Pallet	2720

Colors	
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Vision, Intention, Enlighten, Timeless, Serenity, Allure, Majestic, Exalt

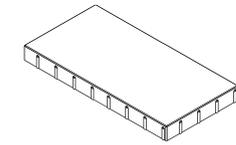
Grand DISCOVER XL PAVERS®

Grand XL Discover Pavers offer a smooth, sought-after surface texture in extra-large, long units. These pavers can be used alone or melded with compatible pavers to create one-of-a-kind installations.



16 x 32 IN
2 3/4" HEIGHT

Sold only in full pallets.



Grand DISCOVER XL

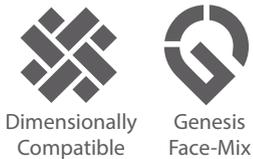
Size (in.)	16 x 32
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 3/4
SQFT Per	
Pallet	85.36
Layer	10.67
Section	N/A
Unit	3.55
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	3.89
Pallet	31.18
Sailor LNFT per	
pc	N/A
Section	N/A
Layer	8
Pallet	64
UNITS per	
SqFt	N/A
Layer	3
Pallet	24
LBS per	
Layers	330
Section	N/A
Pallet	2640
Colors	

Vision, Allure, Majestic, Enlighten, Timeless

PRODUCT NUMBERS

Grand XL DISCOVER –
Smooth Finish 2 3/4" H

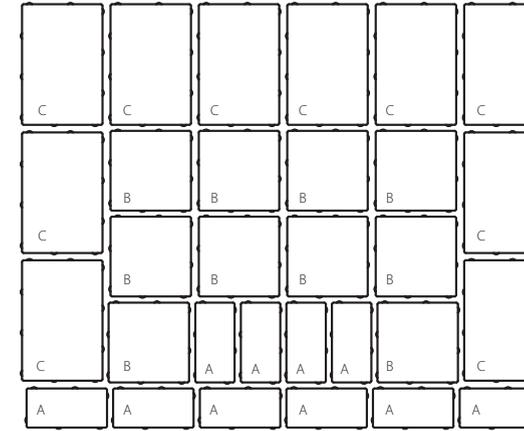
Enlighten	0070355
Majestic	0070356
Timeless	0070357
Vision	0070358
Allure	0070359



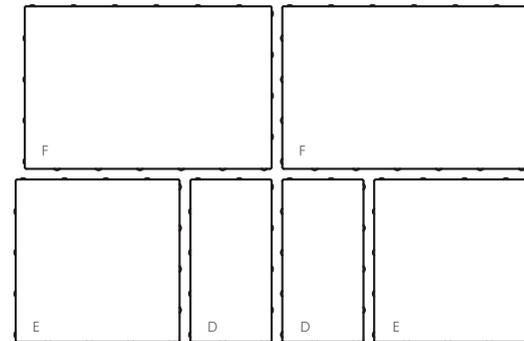
DISCOVER, Grand DISCOVER, and Grand XL DISCOVER PAVERS®

Layer Configurations

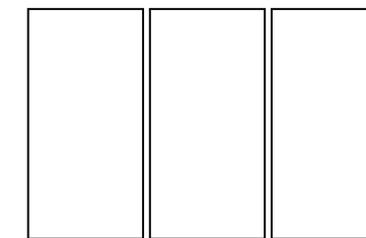
DISCOVER PAVERS



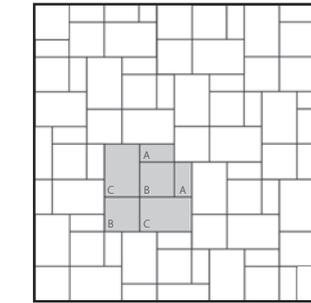
Grand DISCOVER PAVERS



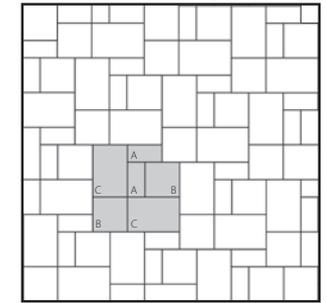
Grand XL DISCOVER PAVERS



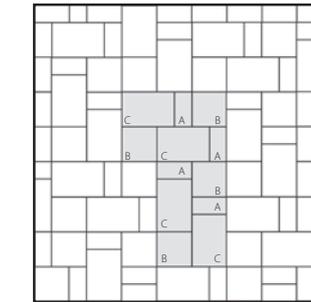
Installation Patterns



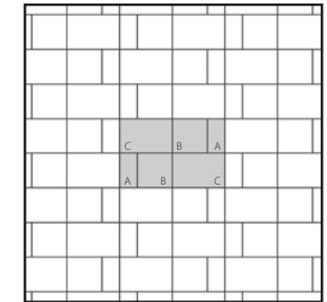
A, B & C Units Pattern #1
A-33% B-33% C-33%



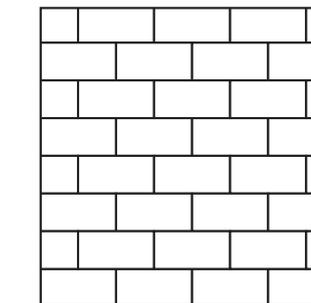
A, B & C Units Pattern #2
A-33% B-33% C-33%



A, B & C Units Pattern #3
A-33% B-33% C-33%



A, B & C Units Pattern #4
A-33% B-33% C-33%



Running Bond

Discover Pavers units A, B and C shown in the patterns to the left can also be substituted with the Grand Discover Pavers units D, E and F

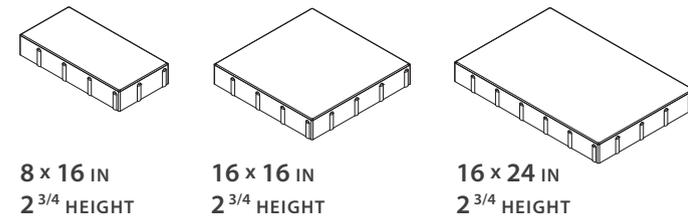
A Unit = D Unit
B Unit = E Unit
C Unit = F Unit

Grand TRANQUILITY PAVERS®

Our Grand Tranquility Pavers are created with clean lines for a refined expression of style. Each paver is manufactured to withstand abrasion and high-traffic use and ensure steady footing with their non-slip surface.



Grand TRANQUILITY



8 x 16 IN
2 3/4 HEIGHT

16 x 16 IN
2 3/4 HEIGHT

16 x 24 IN
2 3/4 HEIGHT

PRODUCT NUMBERS

Grand TRANQUILITY –
Texture Finish 2 3/4" H

Enlighten	0070090
Allure	0070099
Majestic	0070094
Serenity	0070096
Timeless	0070098



Size (in.)	8x16, 16x16, 16x24
Pallet Type	2 of each size per Layer
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	81.28
Layer	10.16
Section	N/A
Unit	N/A

Per Pallet	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	N/A
Pallet	N/A

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	7.795
Pallet	62.36

UNITS per	
SqFt	N/A
Layer	2 of each size
Pallet	16 of each size

LBS per	
Layers	330
Section	N/A
Pallet	2640

Colors

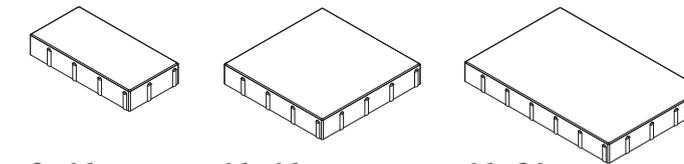
Allure, Majestic, Enlighten,
Timeless, Serenity

Grand FUSION PAVERS™

Grand Fusion Pavers bring a new level of interest and refinement to concrete pavers by combining two distinct textures into one module. Inspired by textures found in the home, Grand Fusion Pavers fuse the aesthetic of a structured surface, with alternating fields that replicate pebbled leather and striated textiles, and the enhanced performance of exterior concrete. Grand Fusion Pavers are larger in size and feature contemporary textures that provide a slip-resistant surface.



Grand FUSION



8 x 16 IN
2 3/4 HEIGHT

16 x 16 IN
2 3/4 HEIGHT

16 x 24 IN
2 3/4 HEIGHT

PRODUCT NUMBERS

Grand Fusion – Modified Texture
Finish 2 3/4" H

Beckon	0070410
Exalt	0070411
Intention	0070412
Vision	0070413



Size (in.)	8x16, 16x16, 16x24
Pallet Type	2 of each size per Layer
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	81.28
Layer	10.16
Section	N/A
Unit	N/A

Per Pallet	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	N/A
Pallet	N/A

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	7.795
Pallet	62.36

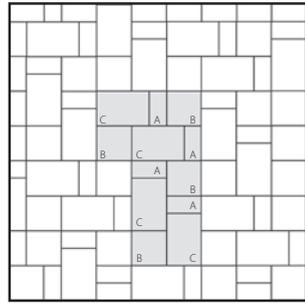
UNITS per	
SqFt	N/A
Layer	2 of each size
Pallet	16 of each size

LBS per	
Layers	332
Section	N/A
Pallet	2656

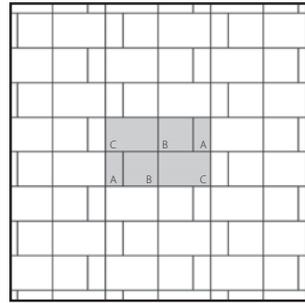
Colors

Vision, Beckon, Intention, Exalt

Installation Patterns

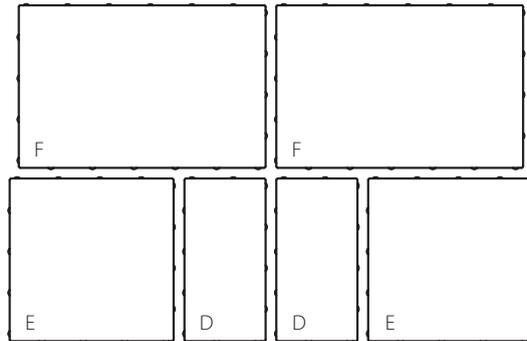


A, B & C Units Pattern #3
A-33% B-33% C-33%



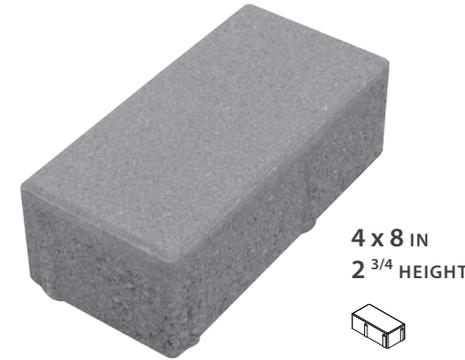
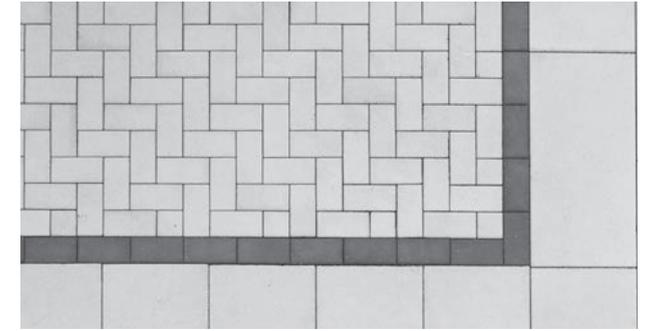
A, B & C Units Pattern #4
A-33% B-33% C-33%

Layer Configurations



ELEMENTS™ Paving Stones

ELEMENTS Paving Stones offer a clean aesthetic with their smooth surface and slightly chamfered edges. Stones can be used alone or melded with compatible pavers to create one-of-a-kind installations.



4 x 8 IN
2 3/4 HEIGHT

PRODUCT NUMBERS

ELEMENTS 4x8 Paver – Smooth Finish 2 3/4" H

Beckon	00702941
Enlighten	00702900
Majestic	00702850
Serenity	0070270
Timeless	0070260
Vision	0070230
Reflection	0070200
Allure	0070296

ELEMENTS 4x8 Paver – Tumbled Finish 2 3/4" H

Reflection	0070200T1
Timeless	0070260T1
Vision	0070230T1



Dimensionally Compatible



Genesis Face-Mix

ELEMENTS™ 4x8 *New Pallet configuration available 5/1/24*

Size (in.)	4 x 8, (New Configuration)
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	101.28
Layer	12.66
Section	NA
Unit	0.214

Per Pallet	
Layers	8
Sections	NA

Soldiers LNFT per	
pc	0.3275
Sections	NA
Layer	19.32
Pallet	154.58

Sailor LNFT per	
pc	0.655
Section	NA
Layer	38.64
Pallet	309.16

UNITS per	
SqFt	4.65
Layer	59
Pallet	472

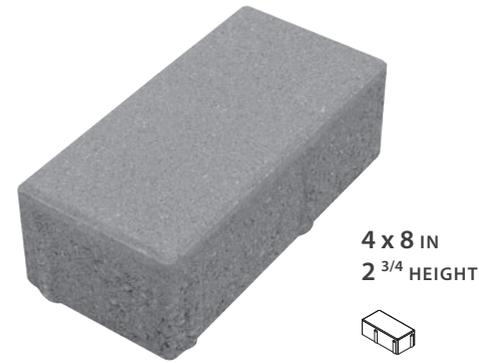
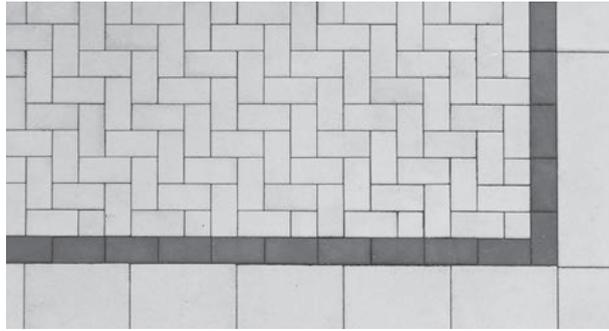
LBS per	
Layers	420
Section	NA
Pallet	3360

Colors

Vision, Beckon, Reflection, Allure, Majestic, Enlighten, Timeless, Serenity

ELEMENTS™ Paving Stones

ELEMENTS Paving Stones offer a clean aesthetic with their smooth surface and slightly chamfered edges. Stones can be used alone or melded with compatible pavers to create one-of-a-kind installations.



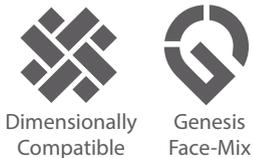
PRODUCT NUMBERS

ELEMENTS 4x8 Paver – Smooth Finish 2 3/4" H

Beckon	007029300L
Enlighten	007029000L
Majestic	007028500L
Reflection	007020000L
Serenity	007027000L
Timeless	007026000L
Vision	007023000L
Allure	0070295L

ELEMENTS 4x8 Paver – Tumbled Finish 2 3/4" H

Reflection	007020000TL
Timeless	007026000TL
Vision	007023000TL



ELEMENTS™ 4x8

Size (in.)	4 x 8 old configuration
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	88
Layer	11
Section	N/A
Unit	0.22

Per Pallet	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	15.7
Pallet	125.67

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	32.13
Pallet	309.16

UNITS per	
SqFt	4.54
Layer	50
Pallet	400

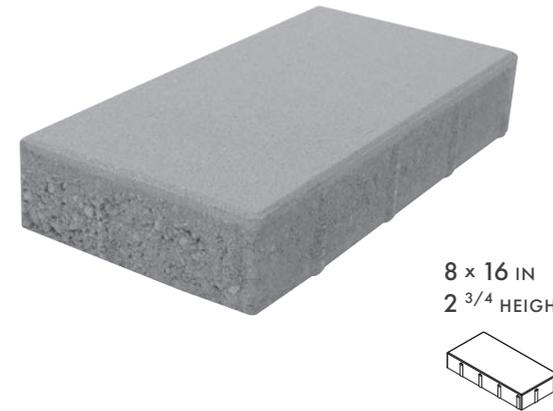
LBS per	
Layers	365
Section	N/A
Pallet	2920

Colors

Vision, Beckon, Reflection, Allure, Majestic, Enlighten, Timeless, Serenity

ELEMENTS™ Paving Stones

ELEMENTS Paving Stones offer a clean aesthetic with their smooth surface and slightly chamfered edges. Stones can be used alone or melded with compatible pavers to create one-of-a-kind installations.



PRODUCT NUMBERS

ELEMENTS 8x16 Paver – Smooth Finish 2 3/4" H

Beckon	0070294L
Enlighten	0070291L
Majestic	0070286L
Reflection	0070204L
Timeless	0070262L
Vision	0070234L
Allure	0070296L

ELEMENTS 8x16 Paver – Tumbled Finish 2 3/4" H

Reflection	0070204TL
Timeless	0070262TL
Vision	0070234TL



ELEMENTS™ 8x16

Size (in.)	8 x 16
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	106.64
Layer	13.33
Section	N/A
Unit	0.89

Per Pallet	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	4.71
Pallet	37.77

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	19.48
Pallet	155.9

UNITS per	
SqFt	1.13
Layer	15
Pallet	120

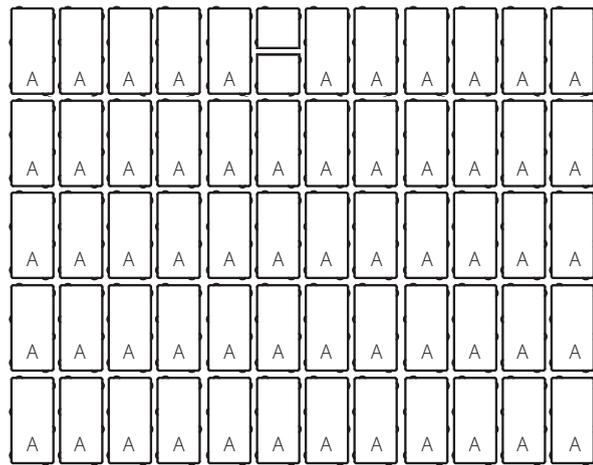
LBS per	
Layers	420
Section	N/A
Pallet	3360

Colors

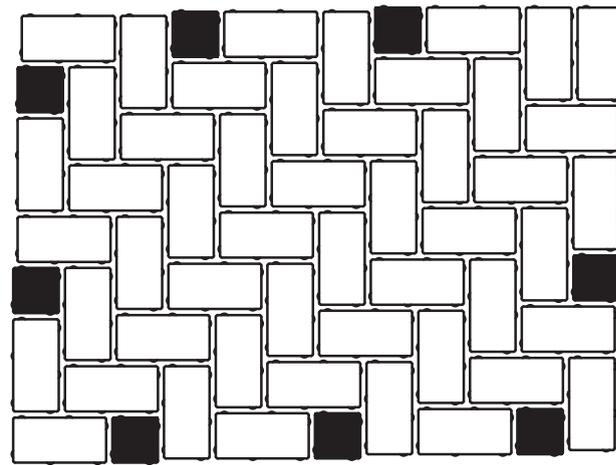
Vision, Beckon, Reflection, Allure, Majestic, Enlighten, Timeless

Layer Configurations

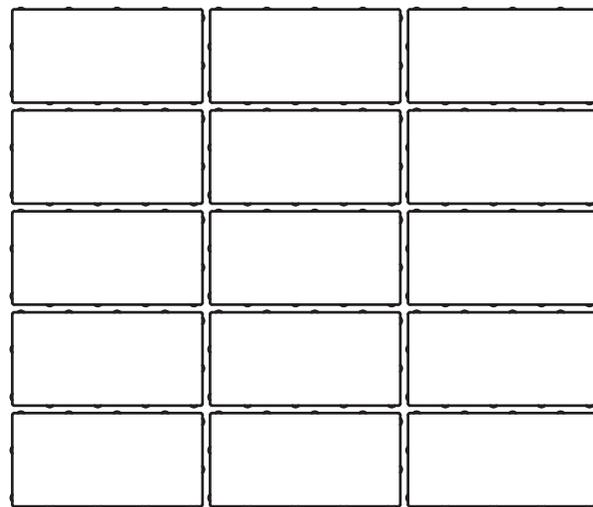
(C) 4 x 8 Units (NEW)



(A) 4 x 8 Units

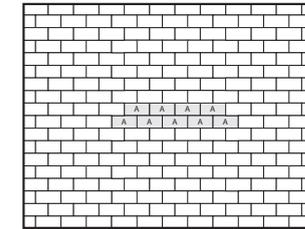


(B) 8 x 16 Units

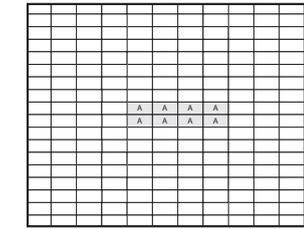


Note: (A) 4" x 8" layer pattern includes 4" x 4" pieces which are included for packaging purpose only and are not recommended for installation

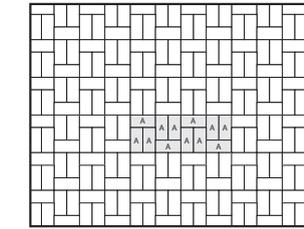
Installation Patterns



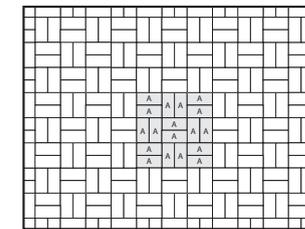
Running Bond
A or C Units



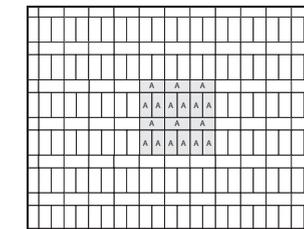
Stack Bond
A or C Units



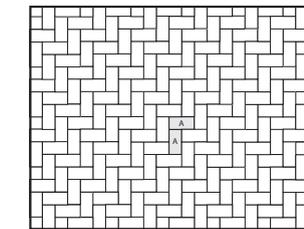
Single Basket Weave
A or C Units



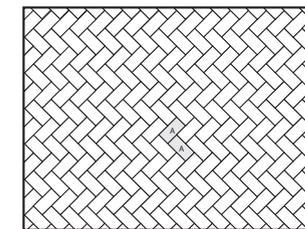
Parquet/Basket Weave
A or C Units



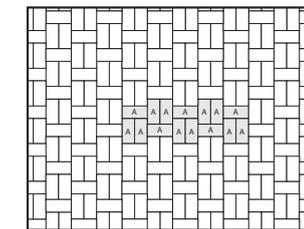
Stack Bond (Variant)
A or C Units



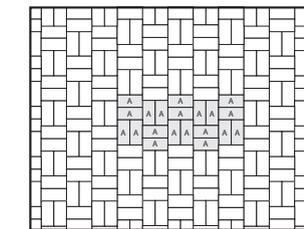
90° Herringbone
A or C Units



45° Herringbone
A or C Units



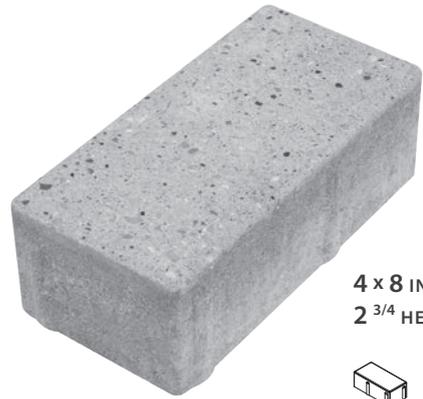
Single Offset Basket Weave
A or C Units



Double Offset Basket Weave
A or C Units

Glow PathTechnology™

Glow Path Technology enhances the safety and aesthetics of residential, commercial, and municipal paver applications by providing subtle illumination that lasts up to 8 hours. From creating striking pool deck accents to improving usage of frequently used pathways, the possibilities of luminescent technology are limitless.



4 x 8 IN
2 3/4" HEIGHT



PRODUCT NUMBERS

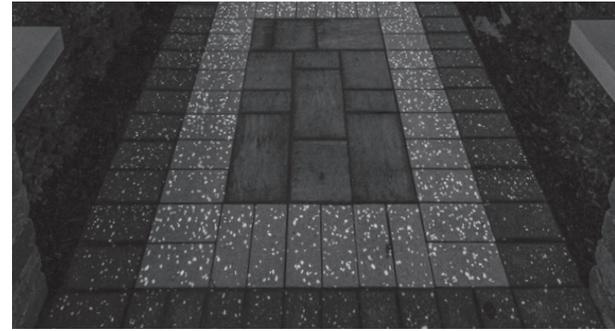
ELEMENTS 4x8 Glow Paver –
Smooth Finish 2 3/4" H

Reflection 007GP011L

Vision 007GP013L



Genesis
Face-Mix



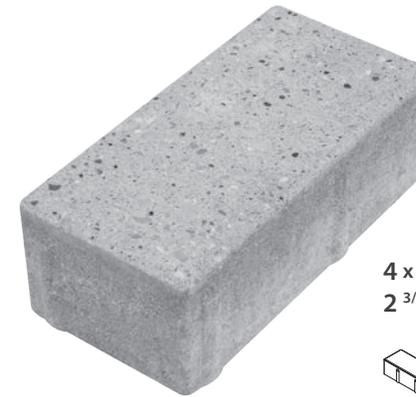
Glow Path 4X8 - Smooth

Size (in.)	4 x 8 old configuration
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 3/4
SQFT Per	
Pallet	88
Layer	11
Section	N/A
Unit	0.22
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
pc	0.33
Sections	N/A
Layer	15.7
Pallet	125.67
Sailor LNFT per	
pc	0.66
Section	N/A
Layer	32.13
Pallet	257
UNITS per	
SqFt	4.54
Layer	50
Pallet	400
LBS per	
Layers	375
Section	N/A
Pallet	3000
Colors	

Vision, Reflection

Glow Path Technology™

Glow Path Technology enhances the safety and aesthetics of residential, commercial, and municipal paver applications by providing subtle illumination that lasts up to 8 hours. From creating striking pool deck accents to improving usage of frequently used pathways, the possibilities of luminescent technology are limitless.



4 x 8 IN
2 3/8" HEIGHT



PRODUCT NUMBERS

ELEMENTS 4x8 Glow Paver –
Brushed Finish 2 3/8" H

Reflection 007GP60MM00

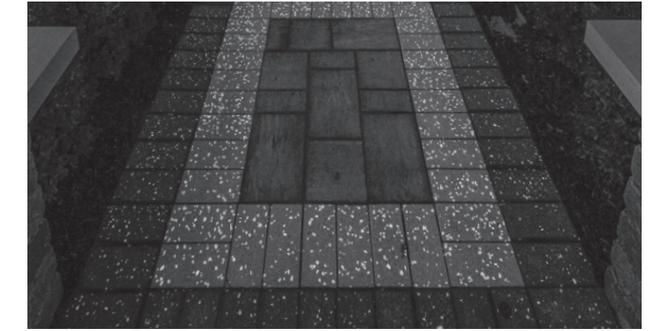
Vision 007GP60MM01



Dimensionally
Compatible



Genesis
Face-Mix



Glow Path 4X8 - Brushed

Size (in.)	4 x 8
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 3/8
SQFT Per	
Pallet	96
Layer	12
Section	N/A
Unit	0.22
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
pc	0.33
Sections	N/A
Layer	17.82
Pallet	142.56
Sailor LNFT per	
pc	0.66
Section	N/A
Layer	35.64
Pallet	285.12
UNITS per	
SqFt	4.54
Layer	54
Pallet	432
LBS per	
Layers	343.75
Section	N/A
Pallet	2750
Colors	

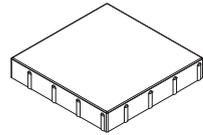
Vision, Reflection

Glow Path Technology™

Glow Path Technology enhances the safety and aesthetics of residential, commercial, and municipal paver applications by providing subtle illumination that lasts up to 8 hours. From creating striking pool deck accents to improving usage of frequently used pathways, the possibilities of luminescent technology are limitless.



24 x 24 IN
2 3/4" HEIGHT



PRODUCT NUMBERS

**ELEMENTS 24x24 Glow Paver –
Brushed Finish 2 3/4" H**

Majestic	007GP035L
Timeless	007GP034L



Dimensionally
Compatible



Genesis
Face-Mix

Glow Path 24x24 - Smooth

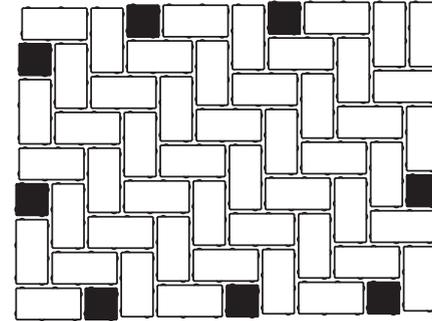
Size (in.)	24x24
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 3/4
SQFT Per	
Pallet	64
Layer	16
Section	N/A
Unit	4
Per Pallet	
Layers	4
Sections	N/A
Soldiers LNFT per	
pc	2
Sections	N/A
Layer	8
Pallet	32
Sailor LNFT per	
pc	2
Section	N/A
Layer	8
Pallet	32
UNITS per	
SqFt	0.25
Layer	4
Pallet	16
LBS per	
Layers	262
Section	N/A
Pallet	1048
Colors	
<i>Majestic, Timeless</i>	

Glow Path Technology™

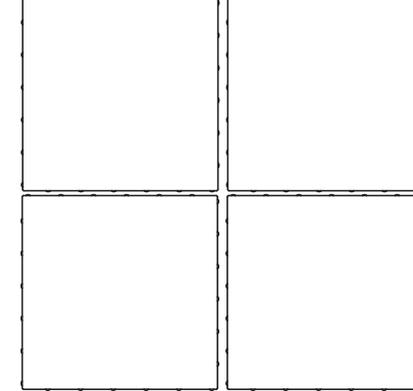
Layer Configurations

ELEMENTS Pavers with Glow Path Technology

(A) 4 x 8 Units



(F) 24 x 24 Units

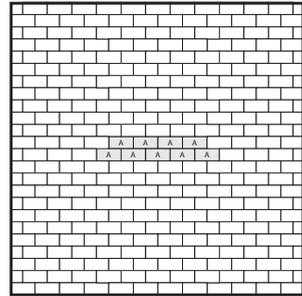


Note: (A) 4" x 8" layer pattern includes 4" x 4" pieces which are included for packaging purpose only and are not recommended for installation

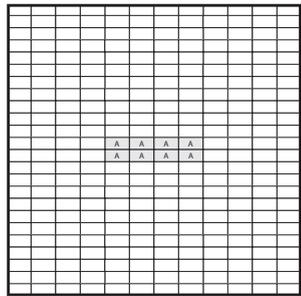
Note: When pavers are exposed to 20 minutes of sunlight you can observe 6-8 hours of glow after sunset. The glow is best seen in dark areas where ambient light is not present. If pavers are installed in shaded areas, the intensity of the glow will vary. However the glow chip is charged by UV rays, this allows the product to still perform on cloudy or overcast days.

Installation Patterns

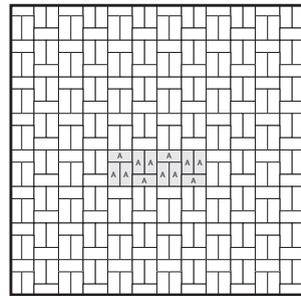
4 x 8 ELEMENTS Pavers with Glow Path Technology



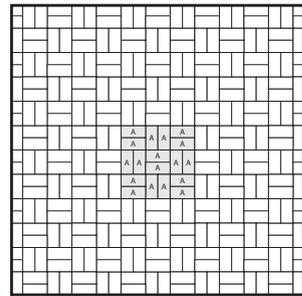
Running Bond
A Units



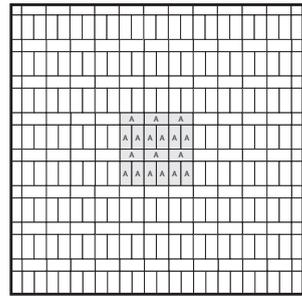
Stack Bond
A Units



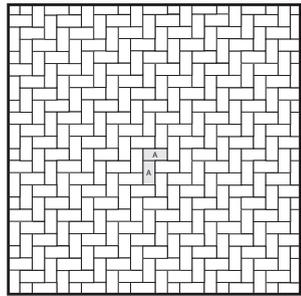
Single Basket Weave
A Units



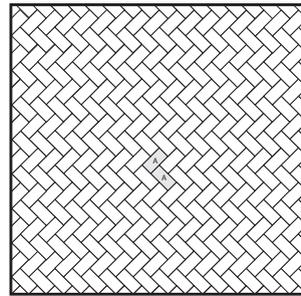
Parquet/Basket Weave
A Units



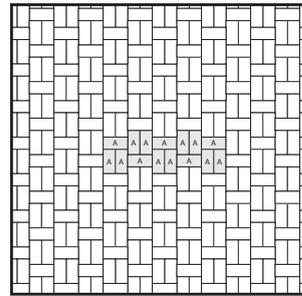
Stack Bond (Variant)
A Units



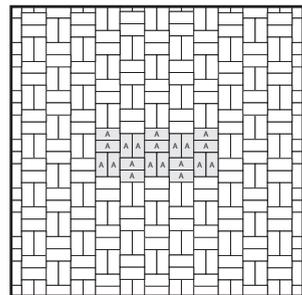
90° Herringbone
A Units



45° Herringbone
A Units



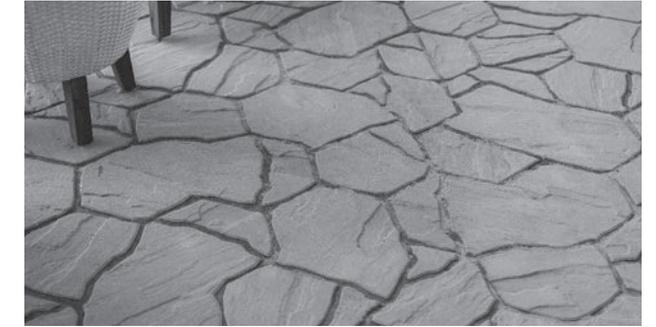
Single Offset Basket Weave
A Units



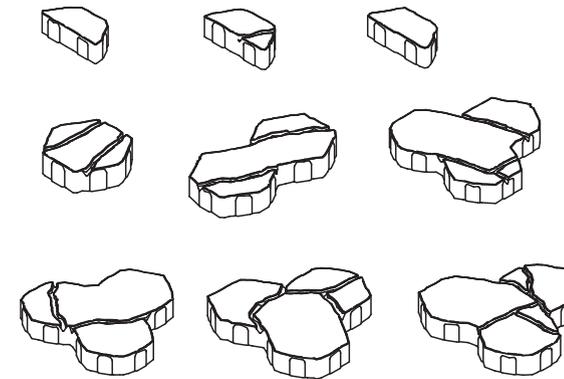
Double Offset Basket Weave
A Units

DESTINATION PAVERS®

Destination Pavers are offered in nine sizes that fit together seamlessly and afford unlimited design freedom. This versatility allows for simple or dramatic combinations that blend well with other paver accents to become the quintessential focal point of any property.



Depth and Length vary.
2 3/4" HEIGHT



PRODUCT NUMBERS

Destination – Texture Finish 2 3/4" H	
Exalt	0070111
Intention	0070112
Serenity	0070114
Timeless	0070115



Genesis
Face-Mix

DESTINATION

Size (in.)	4 different
Pallet Type	Multiple
Plant Production	Janesville
Thickness (in.)	2 3/4

SQFT Per	
Pallet	88.88
Layer	11.11
Section	N/A
Unit	NA

Per Pallet	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	NA
Sections	NA
Layer	NA
Pallet	NA

Sailor LNFT per	
pc	NA
Section	NA
Layer	NA
Pallet	NA

UNITS per	
SqFt	NA
Layer	9
Pallet	72

LBS per	
Layers	337.5
Section	N/A
Pallet	2700

Colors	
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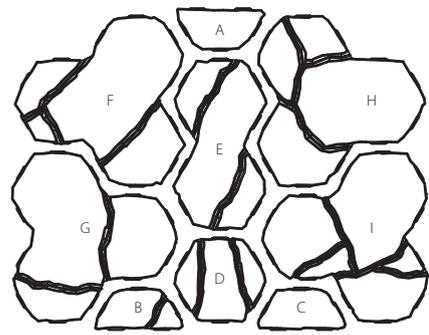
Intention, Timeless, Serenity, Exalt

DESTINATION PAVERS®

Units & Sizes

	D x H x L (Nominal Size) Inches • Millimeters
A	2¾ H • 70H (D & L Vary)
B	2¾ H • 70H (D & L Vary)
C	2¾ H • 70H (D & L Vary)
D	2¾ H • 70H (D & L Vary)
E	2¾ H • 70H (D & L Vary)

Layer Configuration



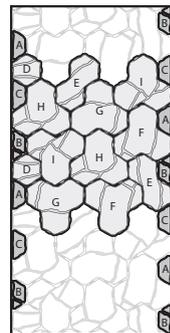
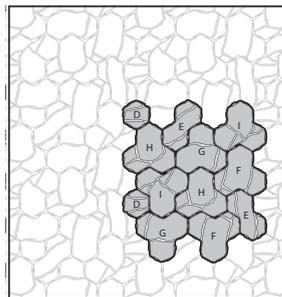
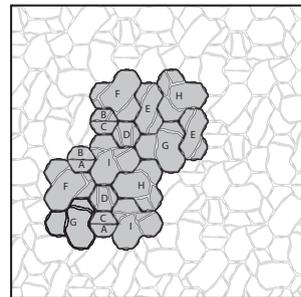
Note: Textured paver and patio stone surfaces require a buffer between the plate compactor and the paver surface to prevent scuffing. Refer to County Materials' Interlocking Concrete Paver or Slab Installation Guidelines, or contact County Materials for information.

D x H x L (Nominal Size)
Inches • Millimeters

F	2¾ H • 70H (D & L Vary)
G	2¾ H • 70H (D & L Vary)
H	2¾ H • 70H (D & L Vary)
I	2¾ H • 70H (D & L Vary)

SF/Layer	Layers/Pallet	SF/Pallet	Lbs./Pallet
11.11	8	88.88	2840

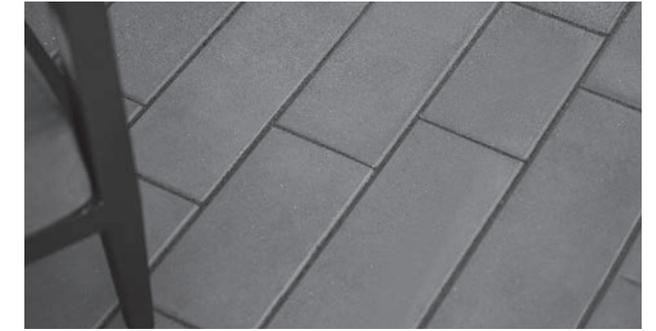
Installation Patterns



Sidewalk Installation Pattern
* Approximately 57.5" in width

INFLUENCE PAVERS®

Influence Pavers feature crisp edges and a clean linear feel. Their five plank-style shapes minimize joint lines and lend themselves to invent interesting patterns using different color and texture combinations.



INFLUENCE

Size (in.)	Multiple
Pallet Type	mixed
Plant Production	Janesville
Thickness (in.)	3 1/8

SQFT Per	
Pallet	85.92
Layer	10.74
Section	N/A
Unit	N/A

Per Pallet	
Layers	8
Sections	NA

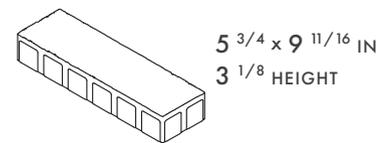
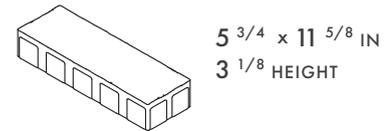
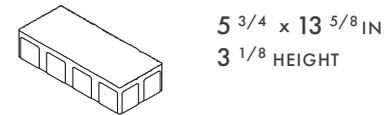
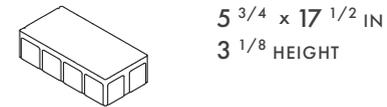
Soldiers LNFT per	
pc	NA
Sections	NA
Layer	NA
Pallet	NA

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	21.54
Pallet	172.33

UNITS per	
SqFt	N/A
Layer	
Pallet	144

LBS per	
Layers	402
Section	N/A
Pallet	3216

Colors	
	Vision, Reflection, Majestic



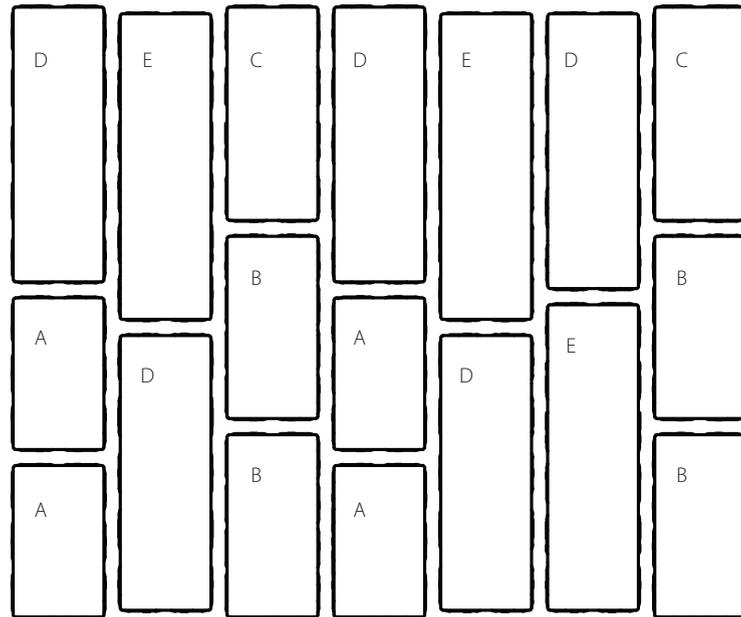
PRODUCT NUMBERS

Influence Smooth Plank 3 1/8" H	
Majestic	0070925
Reflection	0070928
Vision	0070930



Genesis
Face-Mix

Layer Configuration



ESSENCE® Wood Grain Plank Pavers

Essence Wood Grain Plank Pavers are produced in five different plank lengths to facilitate a linear laying pattern to compose a handcrafted effect. Every paver is manufactured with the unmatched durability of concrete with authentic looking grain and textures found in weathered wood.



ESSENCE

Size (in.)	Multiple
Pallet Type	Mixed
Plant Production	Janesville
Thickness (in.)	3 1/8

SQFT Per	
Pallet	85.92
Layer	10.74
Section	N/A
Unit	N/A

Per Pallet	
Layers	8
Sections	NA

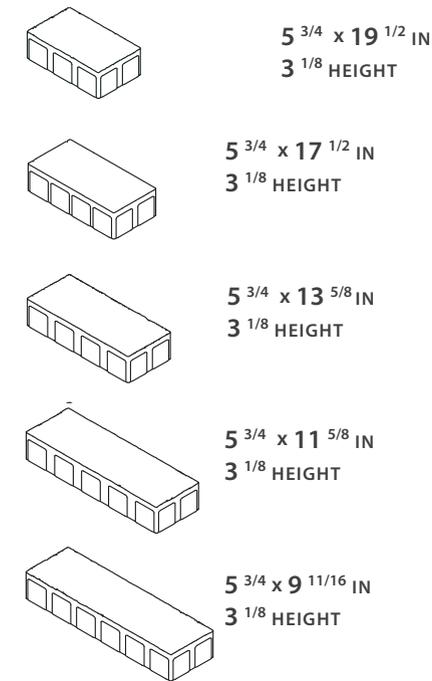
Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	N/A
Pallet	N/A

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	21.54
Pallet	172.33

UNITS per	
SqFt	N/A
Layer	18
Pallet	144

LBS per	
Layers	402
Section	N/A
Pallet	3216

Colors	Timeless, Pride
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PRODUCT NUMBERS

Essence Wood Grain Plank 3 1/8" H	
Pride	0070901
Timeless	0070904



Genesis
Face-Mix

SKYLANDS™ Concrete Deck Pavers

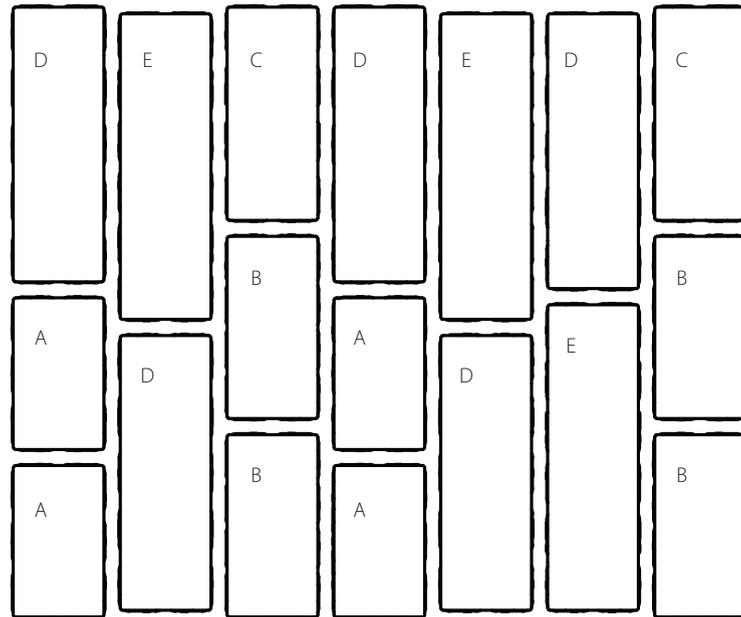
Our SKYLANDS Concrete Deck Pavers are used to generate inviting outdoor living spaces in areas otherwise unusable. Using pedestals, deck pavers turn pitched or uneven surfaces into useful living areas.



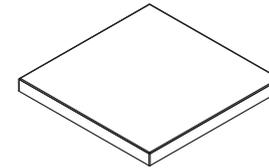
Full offering of a pedestal system for a raised roof application.



Layer Configuration



23 13/16 x 23 13/16 IN
2 HEIGHT



PRODUCT NUMBERS

SKYLANDS Vertical Stack on Pallet – Smooth Finish 23 13/16" x 23 13/16", 2" H

Dream	008248
Majestic	008278
Reflection	008254
Timeless	008275
Vision	008260



Genesis
Face-Mix

SKYLANDS - Vertical (Rooftop Applications)

Size (in.)	23 13/16 x 23 13/16
Pallet Type	Mixed
Plant Production	Janesville
Thickness (in.)	2

SQFT Per	
Pallet	92
Layer	92
Section	N/A
Stone	4

Per Pallet	
Layers	1
Sections	N/A

Soldiers LNFT per	
pc	1
Sections	N/A
Layer	46
Pallet	46

Sailor LNFT per	
pc	N/A
Section	N/A
Layer	21.54
Pallet	172.33

UNITS per	
SqFt	0.25
Layer	N/A
Pallet	23

LBS per	
Layers	90.65
Section	N/A
Pallet	2084.95

Colors	
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Vision, Dream, Reflection, Timeless, Majestic

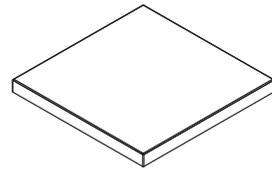
SKYLANDS™ Concrete Deck Pavers

Our SKYLANDS Concrete Deck Pavers are used to generate inviting outdoor living spaces in areas otherwise unusable. Using pedestals, deck pavers turn pitched or uneven surfaces into useful living areas.



Full offering of a pedestal system for a raised roof application.

23 13/16 x 23 13/16 IN
2 HEIGHT



PRODUCT NUMBERS

SKYLANDS Horizontal Stack on Pallet
– Smooth Finish 23 13/16" x 23 13/16", 2" H

Dream	008248H
Majestic	008278H
Reflection	008254H
Timeless	008275H
Vision	008260H



Genesis
Face-Mix



SKYLANDS - Horizontal (Landscape Applications)

Size (in.)	23 13/16 x 23 13/16
Pallet Type	2 of each size per layer
Plant Production	Janesville
Thickness (in.)	2

SQFT Per	
Pallet	80
Layer	8
Section	N/A
Stone	4

Per Pallet	
Layers	5
Sections	N/A

Soldiers LNFT per	
pc	1
Sections	N/A
Layer	4
Pallet	40

Sailor LNFT per	
pc	1
Section	N/A
Layer	4
Pallet	40

UNITS per	
SqFt	0.25
Layer	N/A
Pallet	20

LBS per	
Layers	90
Section	N/A
Pallet	1800

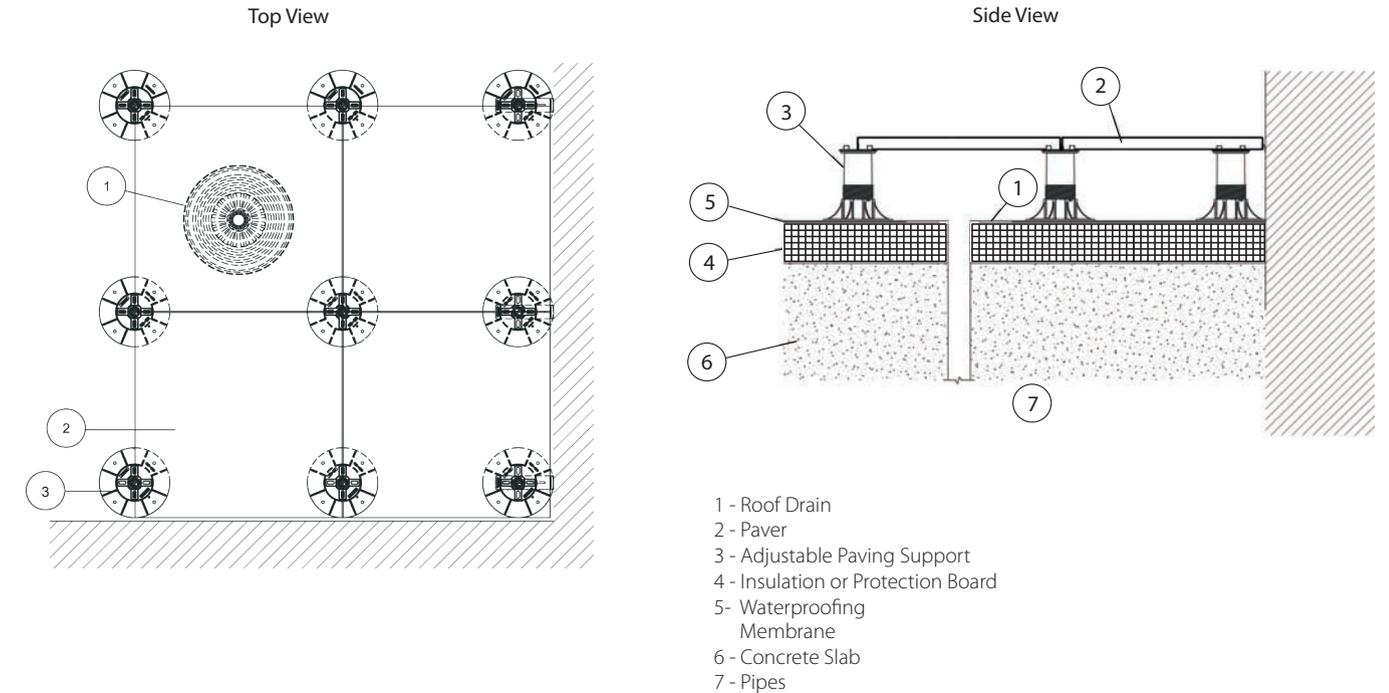
Colors

Vision, Dream, Reflection,
Timeless, Majestic

SKYLANDS™ Concrete Deck Pavers

Typical Pedestal Installation

Site layout and elevations are necessary to determine the quantity and heights of pedestals needed for each project. Please send to County Materials for assistance or contact Customer Service at 800-242-7733 or by email at info@countymaterials.com.



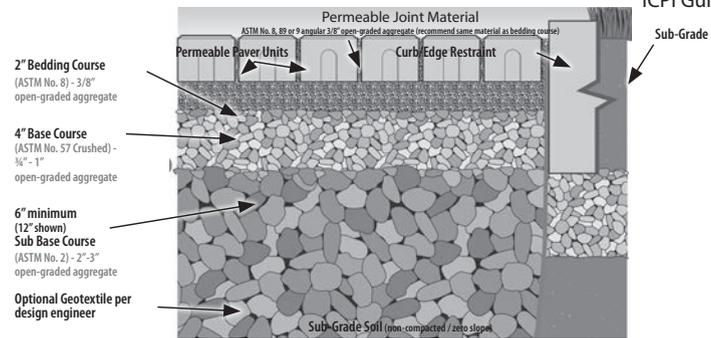


ICPI Guide

Full Exfiltration Cross Section

Allows storage and infiltration. This is a common cross-section installation over highly infiltratable soils such as clean sands and gravel mixtures. By design, all water seeps directly into the soil; a subbase drainage pipe system is not required.

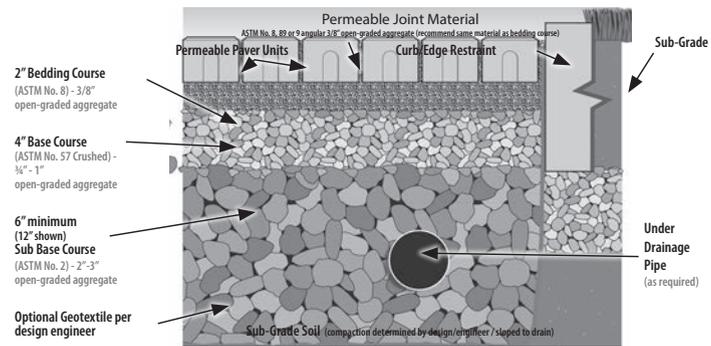
Overflows are directed to swales, bioretention areas or storm sewer inlets.



Partial Exfiltration Cross Section

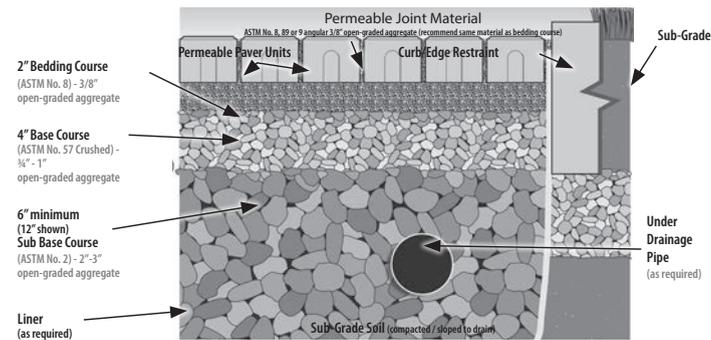
Water does not infiltrate fully. A perforated pipe system in the subbase is required to allow the residual water to be evacuated to the storm water conveyance network.

Sub-grade soil preparation, including compaction, is part of the design/engineer's decision and should be executed according to the project specifications. If it is specified not to compact the subgrade, the initial undisturbed soil infiltration should be carefully maintained during excavation and construction; this will enable the base to drain as designed.



No Exfiltration Cross Section

Recommended when soil infiltration capacity is too low or the water table is too high. Water is discharged through a system of pipes and a flow restrictor to control the entry of water into the municipal network. The system essentially acts as an underground reservoir.



County Materials provides general construction guidelines to design professionals and installers of permeable interlocking concrete pavers systems. For additional installation information, reference the Interlocking Concrete Pavement Institute's (ICPI) Tech Spec Technical Bulletins: (<https://www.icpi.org/countymaterials>)

Cross Section Notes:

Geotextile fabrics may be required in some applications. Consult a civil or geotechnical (soil) engineer for recommendations.

Special design considerations should be considered for each application before starting, including but not limited to, traffic, drainage issues, climate, environmental conditions and functionality. A qualified engineer must perform

a final design because site conditions and specific design parameters may vary.

Anyone using this material assumes any and all liability resulting from such use. The final determination of the suitability of any information or material for the use intended is the sole responsibility of the user.



ICPI Guide

1 Excavation

Excavate to the desired depth, based on the Engineer's analysis of the soil.

2 Curb

It is recommended to provide a concrete curb and/or a concrete curb and gutter for edge support around concrete permeable pavers.

3 Subbase and Base Materials

For the subbase, place the ASTM-33 #2 aggregate to a thickness not less than 6"; the thickness must be calculated by the engineer to allow storage of water based on the subsoil infiltration. State/Local regulations may have minimum requirements. Next, for the base place the ASTM-33 #57 aggregate to a 4" thickness and compact the aggregate.

4 Compaction

A buffer between the plate compactor and the paver surface is recommended to prevent scuffing. Refer to County Materials' Interlocking Concrete Paver or Slab Installation Guidelines, or contact County Materials for information. Vibrate in 4" lifts using a plate compactor or roller compactor for large areas to 98% Proctor Density.

5 Bedding Course

Once the subbase and base layers are compacted, the surface should be topped with a minimum 2" thick layer of ASTM-33 #8 aggregate for the bedding course that is screeded and leveled.

6 Deflectometer

Calculate stiffness-related parameters of an aggregate pavement structure.

7 Paver Installation

The concrete pavers should be placed immediately after the ASTM-33 #8 stone bedding course is placed and screeded. Install the pavers manually or with mechanical installation equipment. With mechanical installation, an installer is able to set between 10,000 – 13,800 sq. ft. per day with 1 operator.

8 Filling Paver Joints

Once all pavers are installed, disperse ASTM-33 #8, 9 or 89 open graded aggregate over the surface. This aggregate can be the same material used in the bedding course (ASTM-33 #8).

9 Clean Surface

Top up joints with joint material as needed and sweep the surface clean.

10 Final Compaction

After sweeping off excess stones from the surface, compact pavers into the bedding course with several passes of a plate compactor that has a buffer attached to prevent scuffing.

Additional aggregate may be placed in the joints as needed, and the surface swept clean.



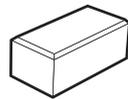
County Materials provides general construction guidelines to design professionals and installers of permeable interlocking concrete pavers systems. For additional installation information, reference the Interlocking Concrete Pavement Institute's (ICPI) Tech Spec Technical Bulletins: (<https://www.icpi.org/countymaterials>)

H₂O PRO® Pavers

Our H₂O PRO Pavers (Permeable Paving Units) are an effective storm water management solution on site. Their 3 1/8" (80 mm) thickness withstands heavy low speed vehicular loads, making them a suitable option for driveways, walkways, and parking lots.



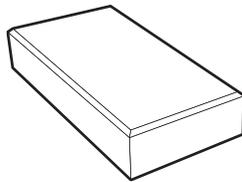
4 x 8 IN
3 1/8" HEIGHT



8 x 8 IN
3 1/8" HEIGHT



8 x 16 IN
3 1/8" HEIGHT



PRODUCT NUMBERS

H₂O Pro Permeable 4x8 Paver – Smooth Finish 3 1/8" H

Majestic	0070528L
Reflection	0070520L
Timeless	0070500L

H₂O Pro Permeable 8x8 Paver – Smooth Finish 3 1/8" H

Majestic	0070529L
Timeless	0070501L

H₂O Pro Permeable 8x16 Paver – Smooth Finish 3 1/8" H

Majestic	0070530L
Timeless	0070502L



Genesis
Face-Mix

Note: Configurations are machine layable

H₂O PRO 4x8

Size (in.)	4 x 8
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	3 1/8

SQFT Per	
Pallet	88
Layer	11
Stone	N/A

Per Pallet	
Layers	8
Sections	N/A

Soldiers LNFT per	
pc	0.333
Sections	N/A
Layer	16.65
Pallet	133.2

Sailor LNFT per	
pc	0.667
Section	N/A
Layer	33.35
Pallet	266.8

UNITS per	
SqFt	4.5
Layer	50
Pallet	400

LBS per	
Layers	387.5
Section	N/A
Pallet	3100

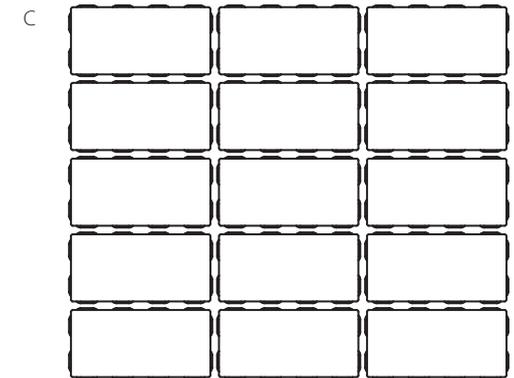
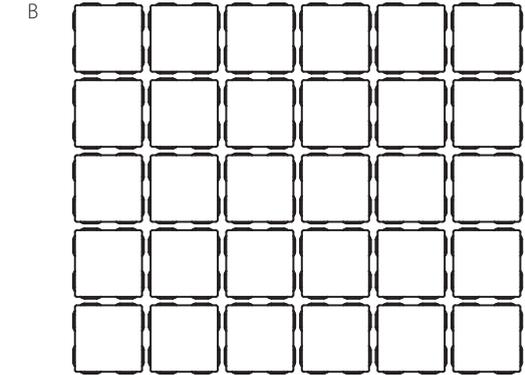
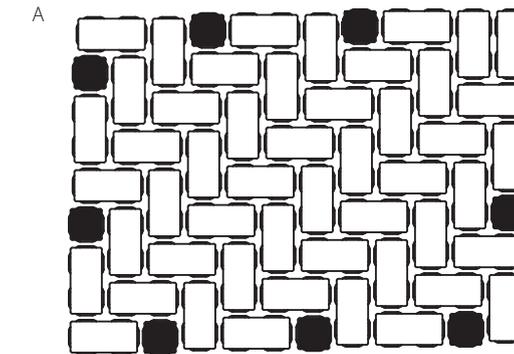
Colors	Reflection, Timeless, Majestic
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Joint Dimensions	10mm (25/64") installed joint +9.1% installed open area/Layer (varies on pattern used)
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H₂O PRO® Pavers

Layer Configurations

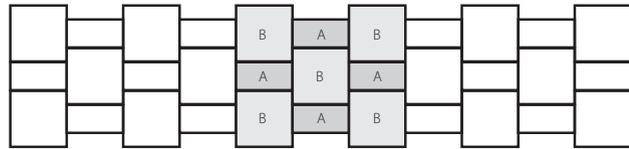
- Installed joint dimensions = 10 mm (25/64")
- Installed open area/layer = ±9.1% (depending on pattern)



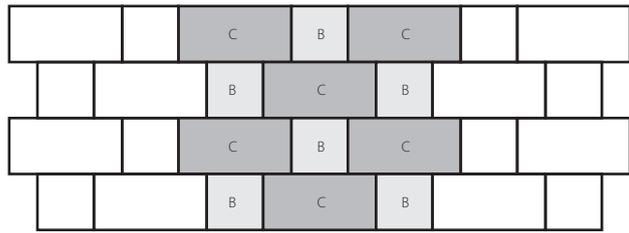
Note: The 4" x 8" size of H₂O PRO Pavers are manufactured in a herringbone layer pattern that easily accommodates mechanical installation. Units can also be installed in many different patterns by hand.

Note: (A) 4" x 8" layer pattern includes 4" x 4" pieces which are included for packaging purpose only and are not recommended for installation.

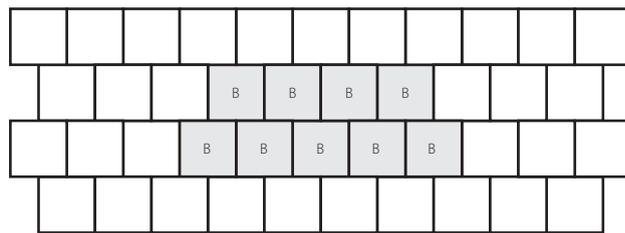
Installation Patterns



A & B Units #17
A-29% B-71%



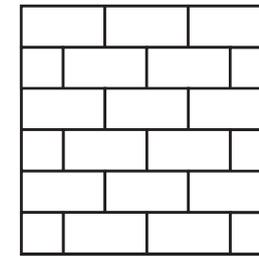
B & C Units #18
B-33% C-67%



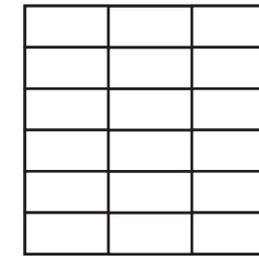
B Units #19



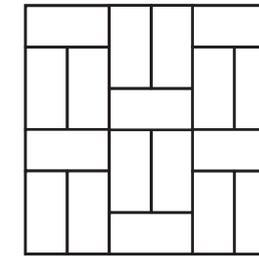
Installation Patterns



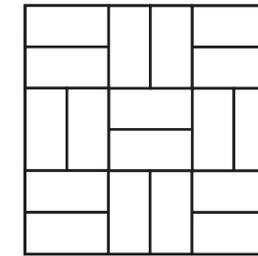
A or C Units Pattern #1



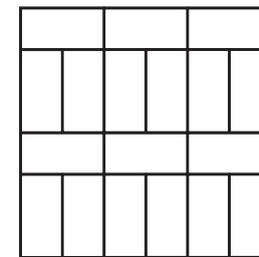
A or C Units Pattern #2



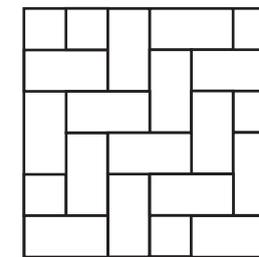
A or C Units Pattern #3



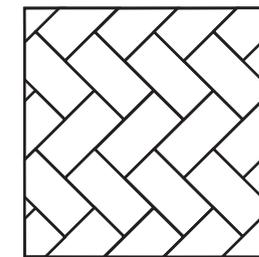
A or C Units Pattern #4



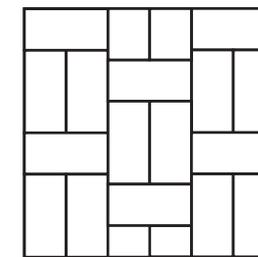
A or C Units Pattern #5



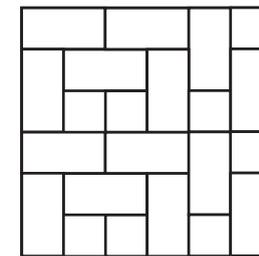
A or C Units Pattern #6



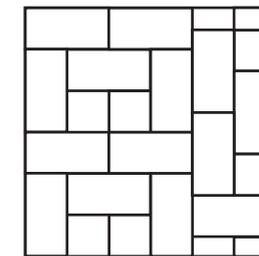
A or C Units Pattern #7



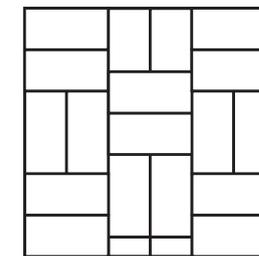
A or C Units Pattern #8



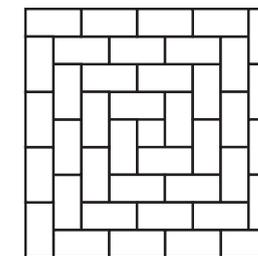
B or C Units Pattern #9



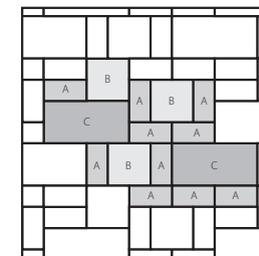
B or C Units Pattern #10



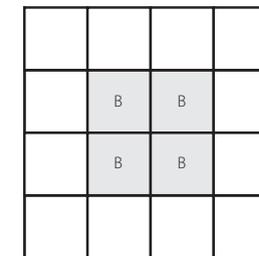
A or C Units Pattern #11



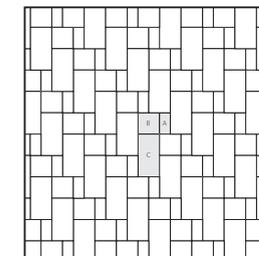
A or C Units Pattern #12



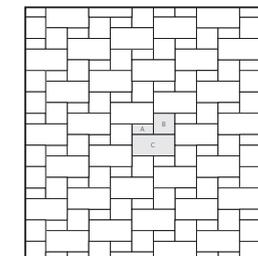
A, B & C Units #13
A-42% B-25% C-33%



B Units #14



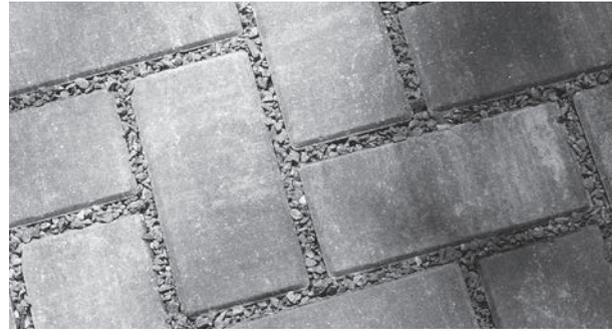
A, B & C Units Pattern #15
A-17% B-29% C-57%



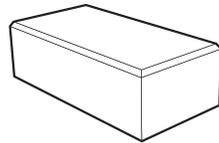
A, B & C Units Pattern #16
A-14% B-29% C-57%

REJUVENATE® Permeable Pavers

Rejuvenate Permeable Pavers combine functionality and design. The pavers' uniform shape optimizes installation speed and can be used for herringbone patterns.



5 x 10 IN
3 1/8" HEIGHT



REJUVENATE

Size (in.)	5 X 10
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	3 1/8"
SQFT Per	
Pallet	77.12
Layer	9.64
pc	0.31
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
pc	0.416
Sections	N/A
Layer	11.648
Pallet	93.18
Sailor LNFT per	
pc	0.833
Section	N/A
Layer	23.32
Pallet	186.59
UNITS per	
SqFt	0.31
Layer	28 Full / 7 Halves
Pallet	224 Full / 56 Halves
LBS per	
Layers	322.5
Section	N/A
Pallet	2580
Colors	
	Timeless, Serenity
Joint Dimensions	
	11mm (.433") installed joint
	1.28 sq ft installed open area/layer

PRODUCT NUMBERS

Rejuvenate 5x10 Permeable Paver
- Smooth Finish 3 1/8" H – Can be
Machine Laid

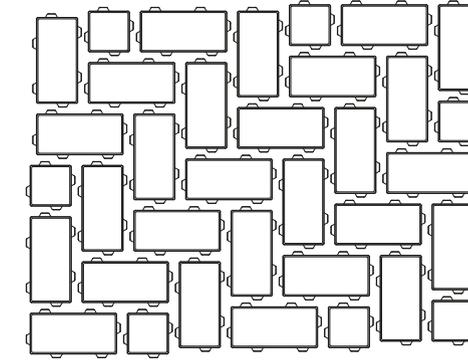
Serenity	0070656
Timeless	0070659



Genesis
Face-Mix

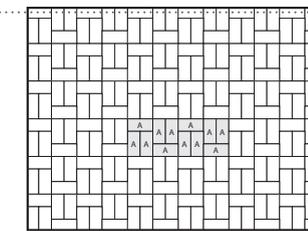
REJUVENATE™ Permeable Pavers

Layer Configuration

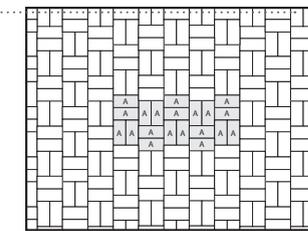


Installation Patterns

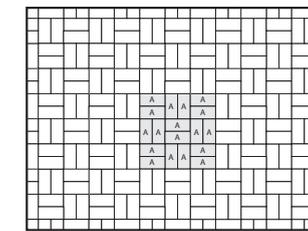
Note: Configurations are machine layable



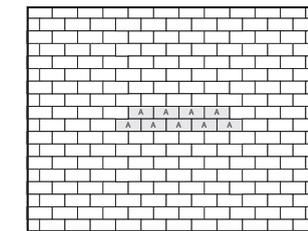
Single Basket Weave



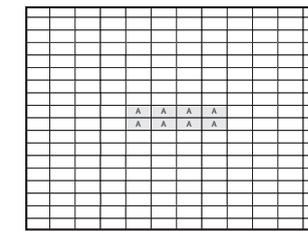
Double Offset Basket Weave



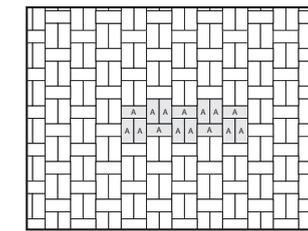
Parquet/Basket Weave



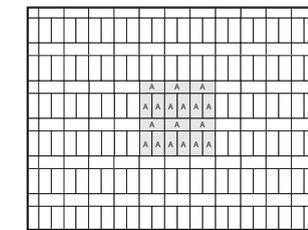
Running Bond



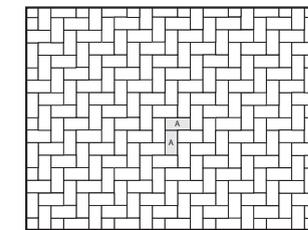
Stack Bond



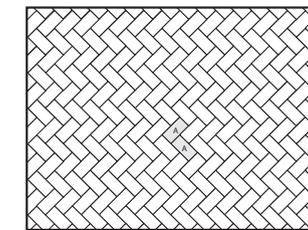
Single Offset Basket Weave



Stack Bond (Variant)



90° Herringbone



45° Herringbone

Site Analysis

Your retaining wall design must begin with a proper site analysis. The conditions at the site will determine your wall height and location, as well as reinforcement requirements. Check the soil type and conditions at the base of your wall for adequate bearing pressure. The soil below a wall needs to be strong enough to support the weight of the wall resting on it. If the soil is in a moist or wet condition, extra precautions may be required to provide a stable base. An accurate site plan must also include the location of all lot lines, utilities, buildings, driveways and parking areas. Note any permanent trees or vegetation. Prior to design, proper permits, owner approvals, utility clearances* and temporary easements must be obtained.

If your jobsite has any of the following conditions, get a complete engineering analysis from a qualified designer before proceeding:

- Soft or unstable soils
- Excessive water runoff
- Surcharges greater than a residential driveway
- Waterfront and shoreline sites
- Terraces
- Slopes greater than 3 to 1 above or below the wall
- Wall heights exceeding 4'

Finalize Design

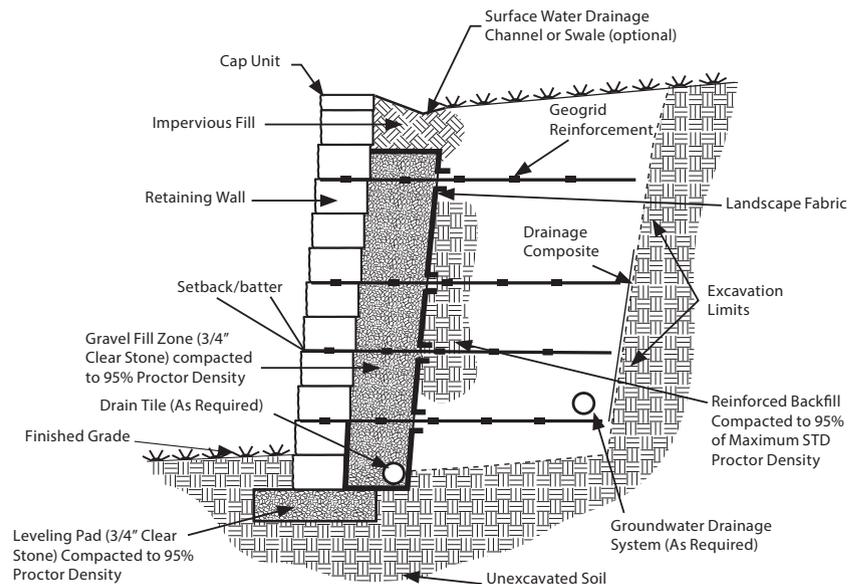
Develop a wall layout that will maximize drainage and direct the flow of water around the wall and away from buildings. Consider material and equipment access at the site, and try to minimize the excavation and hauling of soil and fill.

Getting Started

Build on stable, well-compacted ground. Spend extra care and preparation on the base and bottom row of your wall. Any unevenness in the base course will be amplified and difficult to correct after several courses have been installed. Always begin your wall construction at the lowest possible point of your base and step up. You should also begin from the corner blocks of steps and work outward to the end of the wall.

Reference the CMHA for more information.

Typical Reinforced Wall Application



Leveling Pad

Excavate a shallow trench at the base of your planned wall. It should be a minimum of 24" wide and 8" deep to accommodate the leveling pad material and required unit embedment below grade. Place a minimum of 6" of base material in the leveling pad layer. Base material should consist of either granular, well-drained coarse sand, angular gravel or crushed stone. Use a hand-operated plate compactor to compact the base material every 2" to achieve a solid and level foundation. The leveling pad may be stepped in 8" increments to match any grade changes along the front of the wall.

Unit Installation

Place retaining wall units side-by-side in the center of the leveling pad (Figure 1). Align and level each unit with adjacent ones side-to-side and front-to-rear. Carefully tap high points with a rubber mallet. A thin layer of sand (1" or less) may be used on top of the compacted base material to help level the first course. Always align from the back of units, not from irregular front faces. A string line and level will keep each new row of blocks on track.

After placing and leveling the first course, install drain tile behind the block as necessary. If applicable, fill voids in and between block and a minimum of 12" behind block with clean granular drainage rock. Replace enough fill in front of the base course to secure it. Fill behind block with drainage rock until it is level with the top of the first course. Compact the fill with a hand-operated plate compactor on both sides of the first course to required specifications, or to 95% of maximum Standard Proctor Density (a method used to determine compaction). Compact on top of the block, and clean the top of the first course units to begin installation of second course.

Unit Embedment

Generally, if the grade in front of the wall is level, one half of the first course should be embedded below grade. Embedment should be increased for special conditions such as slope, soft foundation soils or shoreline applications. As a general rule, the first course of block should be embedded at a 6" minimum. For walls that are 4' or higher, add 1" embedment per one-foot rise.

Leveling Pad

Excavate a shallow trench at the base of your planned wall. It should be a minimum of 24" wide and 8" deep to accommodate the leveling pad material and required unit embedment below grade. Place a minimum of 6" of base material in the leveling pad layer. Base material should consist of either granular, well-drained coarse sand, angular gravel or crushed stone. Use a hand-operated plate compactor to compact the base material every 2" to achieve a solid and level foundation. The leveling pad may be stepped in 8" increments to match any grade changes along the front of the wall.

Additional Courses

Install additional courses with seams of each successive course offset by several inches from the units below for structural stability.

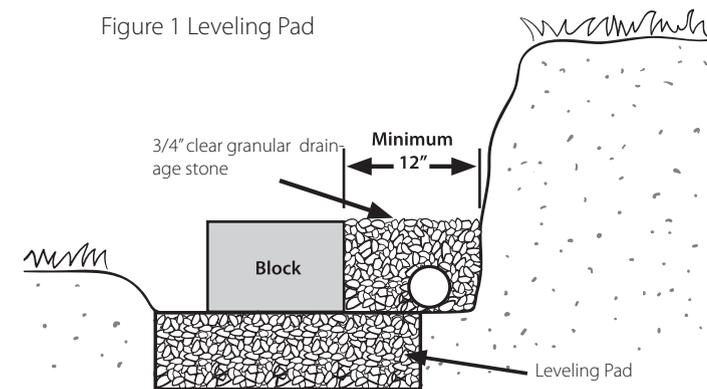
County Block and Tribute retaining walls with pins:

For the second and additional courses, set each unit 1" back from its finished position. Insert two pins in the front holes, and pull blocks forward so pins are fully seated into slots in two separate units below, locking them together. County Block Jumbo units only require 2 pins per block; these may be placed in any 2 of the 3 available holes. It may be necessary to tap pins lightly with a hammer for proper alignment. Check each course for tightness of each unit with adjacent units and check wall alignment.

Winston and Integrity retaining walls without pins:

If your wall system does not require the use of pins or cube system, be sure that the lower units are clean and additional courses are properly locked in place with the built in concrete locking mechanism.

Figure 1 Leveling Pad



Drain Tile

Drain tile should be placed behind the wall and extruded wherever possible. This means the drain tile may have to be extruded through the face of the wall (Figure 2) or at the end of the wall (Figure 3).

Unit Installation

Place retaining wall units side-by-side in the center of the leveling pad (Figure 1). Align and level each unit with adjacent ones side-to-side and front-to-rear. Carefully tap high points with a rubber mallet. A thin layer of sand (1" or less) may be used on top of the compacted base material to help level the first course. Always align from the back of units, not from irregular front faces. A string line and level will keep each new row of blocks on track.

After placing and leveling the first course, install drain tile behind the block as necessary. If applicable, fill voids in and between block and a minimum of 12" behind block with clean granular drainage rock. Replace enough fill in front of the base course to secure it. Fill behind block with drainage rock until it is level with the top of the first course. Compact the fill with a hand-operated plate compactor on both sides of the first course to required specifications, or to 95% of maximum Standard Proctor Density (a method used to determine compaction). Compact on top of the block, and clean the top of the first course units to begin installation of second course.

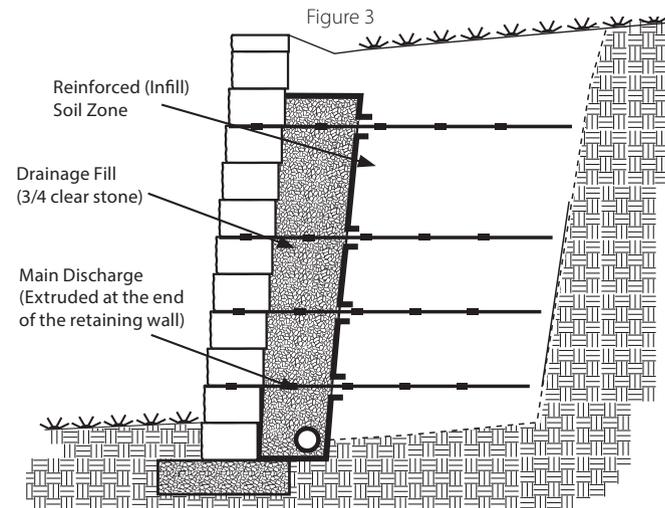
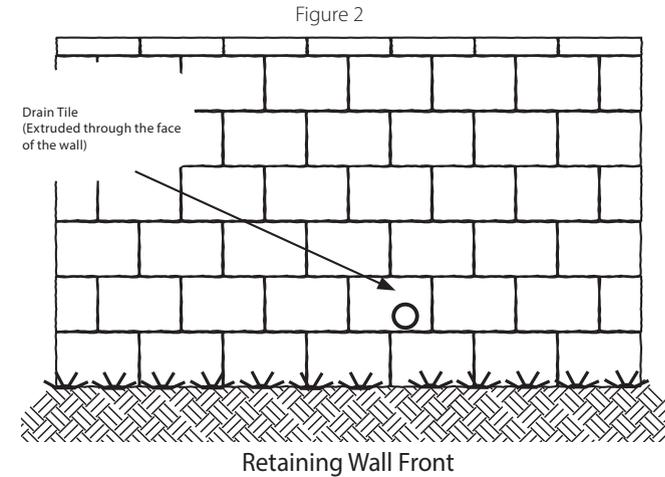
Unit Embedment

Generally, if the grade in front of the wall is level, one half of the first course should be embedded below grade. Embedment should be increased for special conditions such as slope, soft foundation soils or shoreline applications. As a general rule, the first course of block should be embedded at a 6" minimum. For walls that are 4' or higher, add 1" embedment per one-foot rise.

Note: This guide offers typical installation recommendations for retaining walls under 4' high. For retaining wall installations over 4' high, and for walls that will be installed in wet or unstable soils, in areas with heavy surcharges, or applications that require drainage or other special conditions, a final design must be performed by a qualified engineer; site conditions and specific design parameters may vary. If you have questions, take time and ask a qualified contractor or your retaining wall distributor for more information.

Standard Proctor Density is referred to several times in this guide. Proper placement and compaction of soils is essential to the successful performance of any retaining wall system. Reinforced soil structures routinely specify that all soils be compacted to 95 % maximum density as determined by ASTM D698-Standard Proctor Density. Post construction settlement is an obvious concern of poorly compacted materials, excessive lateral wall movement and/or insufficient shear strength. Soils must be compacted in lifts to achieve maximum soil shear strength and validate the design.

*Call Diggers Hotline in advance (811) before digging to locate any underground lines.



Backfilling and Compaction

After each course is aligned, if applicable, fill in block cores and voids between units with drainage rock. Then, backfill and compact each course as you continue constructing the wall. Make sure to backfill in front of the wall until the desired grade is achieved (Figure 4). Next, use a hand-operated plate compactor directly over the top of the block to consolidate aggregates and pulverize any residual concrete fragments (slag). When compacting, it is important to backfill in small lifts. Know your compactor and how much it can handle. Most small compactors can handle a 6" lift at a time. This is a good general rule to follow when using a compactor. Work from the back of the wall to the furthest edge of excavated area, with a three to five foot minimum compacted zone, until all materials are compacted.

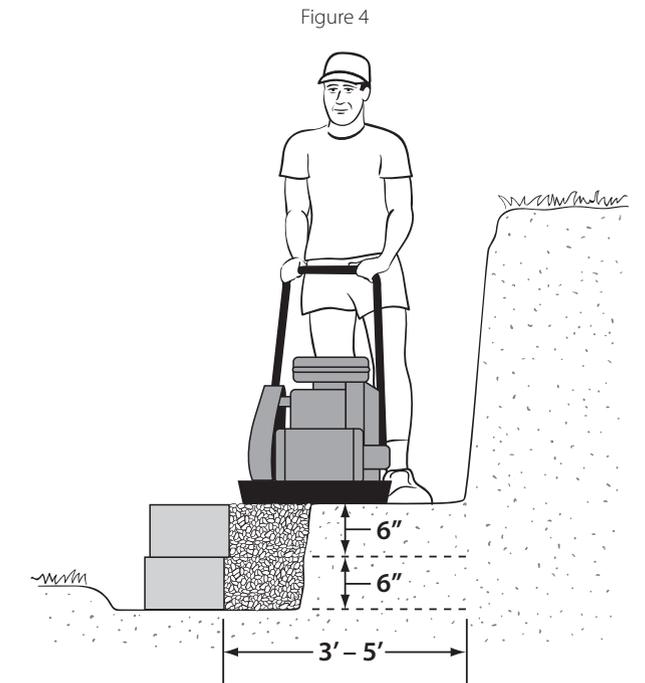
Retaining walls require only a certain amount of compaction with hand-operated equipment to consolidate the soil and minimize settling. Excessive compaction can cause forward rotation of the wall facing. Large equipment operating too close to the wall may cause over-compaction and result in localized bulging. It can also damage geogrid reinforcement materials.

Geogrid Reinforcement

If geogrid reinforcement is required, excavate behind wall location for a distance equal to the designed embedment length of the grid. Construct the wall up to the designated height of first grid layer. Place and compact granular fill within and behind the wall. Backfill and compact soil behind the granular fill in the reinforced zone.

Lay geogrid, cut to appropriate sizes and with the strength direction perpendicular to the wall, on top of units. The cut ends should nearly touch the front edge of the units but not extend past the front face. Extend the grid pieces to the back of the slope. Place the next course of units on top of the geogrid and be sure the units are locked in place by pins (if applicable) or the concrete locking mechanism. Pull units forward, making sure they are secure. Place granular drainage rock in cores (if applicable) between block and 1' behind units. Pull geogrid taut – staking is recommended – before placing backfill material. Compact backfill in 6" lifts behind wall.

*Estimation Geogrid Charts can be found on County Materials' website at www.countymaterials.com. Simply go to Downloads / Product Installation & Maintenance Guides / Landscaping. There you will find HTS Manuals specific to County Block®, Integrity™, Rib Rock™ and Tribute®.



Ending and Capping a Retaining Wall

End a retaining wall by either stepping the courses or rolling the wall into the existing embankment. As a general rule, 2' of block buried into the hillside will prevent potential erosion. Complete your wall with available cap units placed flush with the face, set back slightly or set out as much as 1". Cap units should be installed by starting on one end of the wall, not in the middle. Use retaining wall adhesive on all cap units to hold them in place. Cap units may need to be split or cut for a proper fit (Figure 5).

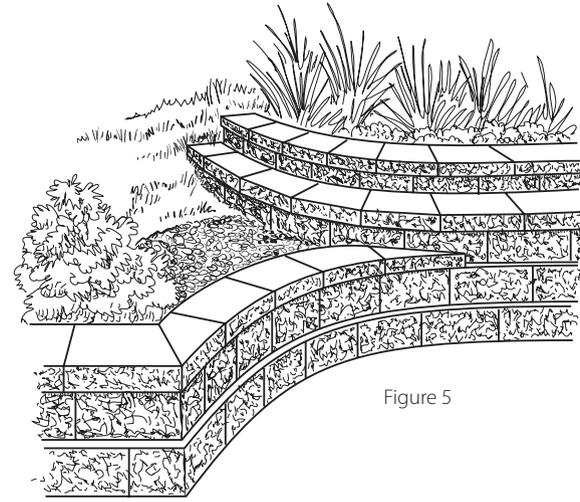


Figure 5

Inside Corners

Lay a unit perpendicular to the end of the wall so its side face is flush with the back of the first course. Complete the first course. On each successive row, alternate the position of units over the right angle to obtain an interlocking corner (Figure 6). For retaining wall systems with concrete locking mechanisms, make sure to cut or chisel off the locking mechanism to achieve the proper overlap.

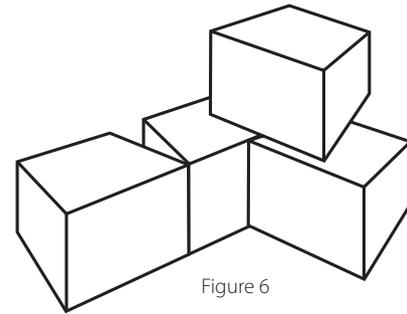


Figure 6

Curves

Simply fan or bring the tails of units together to make convex (outside), concave (inside) and serpentine curves (Figure 7).

Tribute retaining walls with curves:

The Tribute retaining wall system can create 4' radius curves with no cutting of units.

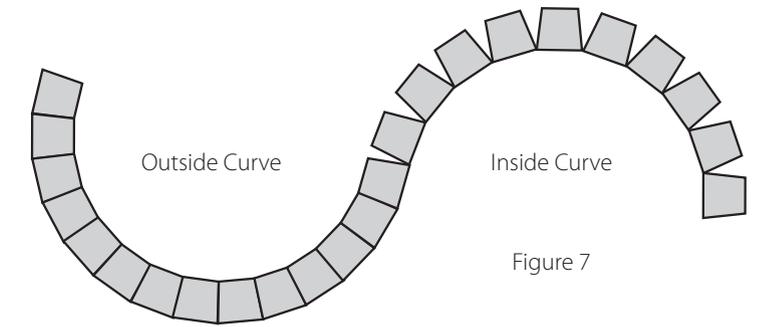
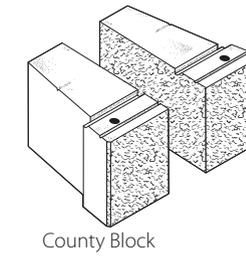
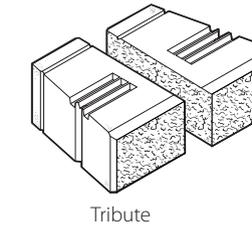


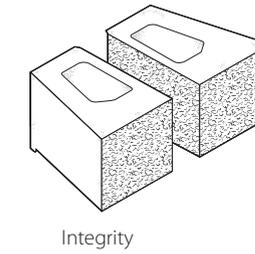
Figure 7



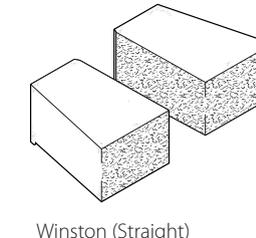
County Block



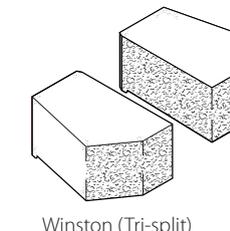
Tribute



Integrity



Winston (Straight)



Winston (Tri-split)

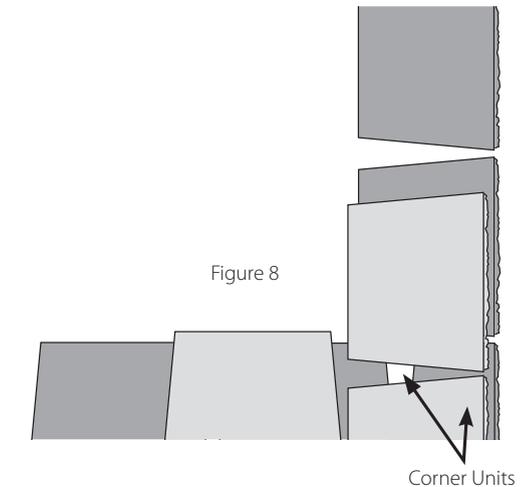


Figure 8

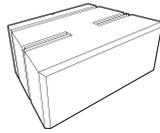
Corner Units

Tribute® Smooth Wall Systems

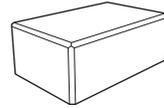
Tribute Smooth Retaining Wall Systems offer a clean aesthetic. Featuring multiple pin grooves on the top surface, these units allow a combination of retaining and freestanding wall options. Tribute Smooth units can be efficiently split in half in the field to construct pillars and wall accents.



Full Unit
(Front & back finish)
10 1/8" x 16 IN
6 HEIGHT



Corner / Column Unit
(4 sides finish)
10 1/8" x 15 5/8 IN
6 HEIGHT



PRODUCT NUMBERS

Smooth Face –
10 1/8" x 6" x 15 5/8"

Enlighten	0076036N
Majestic	0076030N
Reflection	0076033N
Timeless	0076027N
Vision	0076023N
Allure	0076039N

Smooth Face Corner –
10 1/8" x 6" x 15 5/8"

Enlighten	0076037N
Majestic	0076031N
Reflection	0076034N
Timeless	0076028N
Vision	0076023CRN
Allure	0076040N

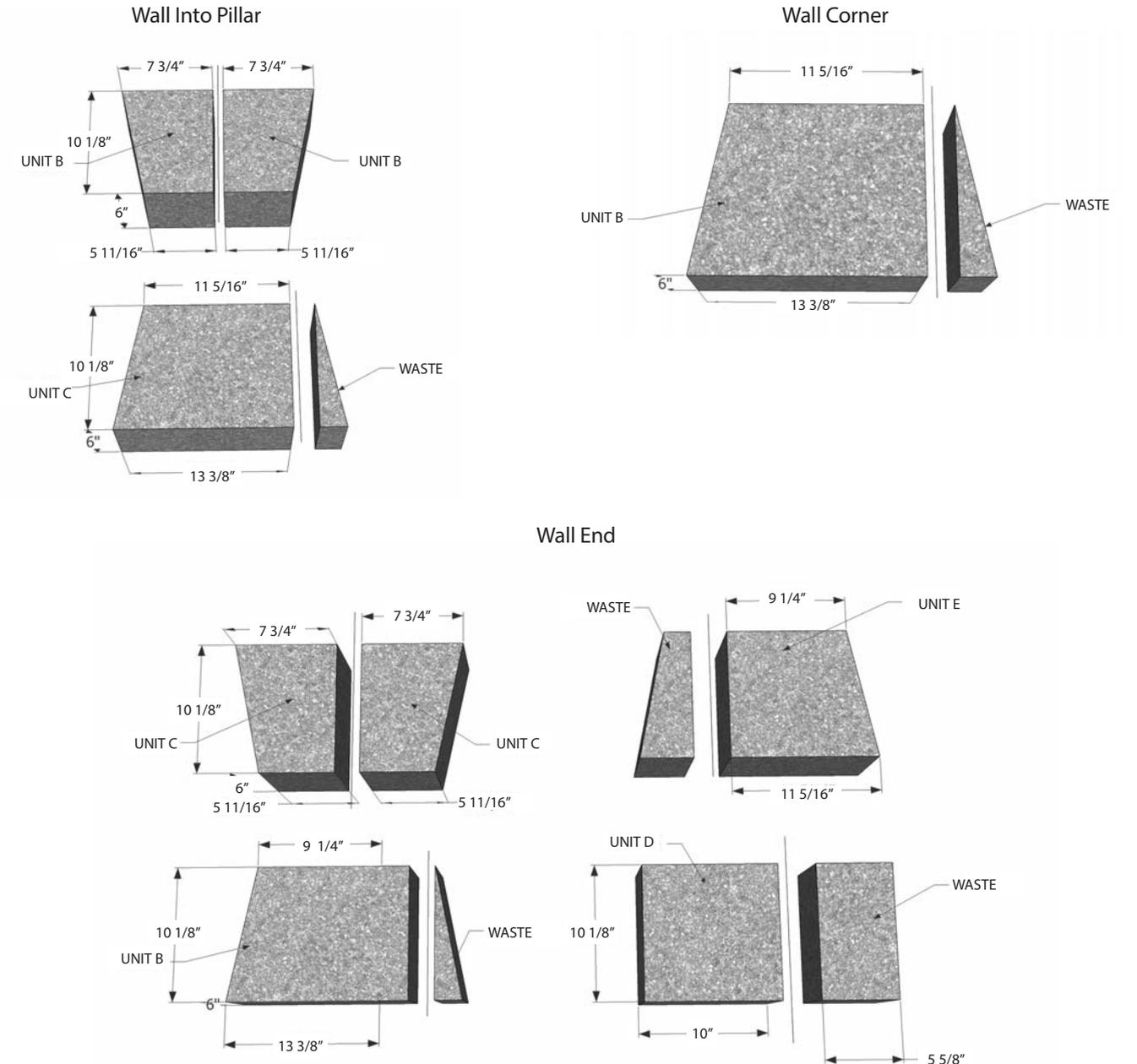
For Freestanding seat walls the Smooth Face Corner can be used in combination with adhesive.

Tribute - Smooth

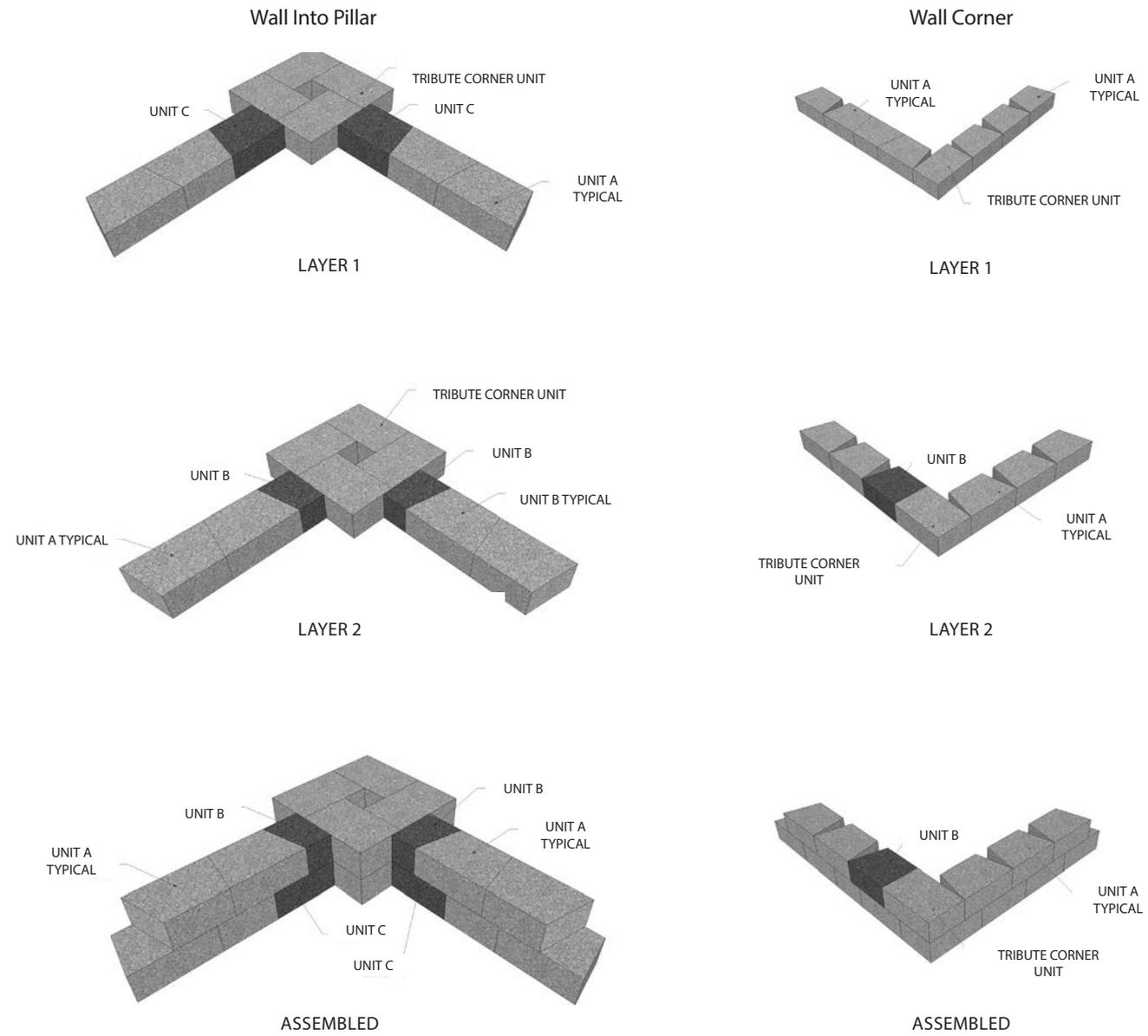
	SRW/FSW Unit	Corner/FSW Unit
Size (in.)	16 x 10 1/8	16 x 10 1/8
Pallet Type	Single	Single
Plant Production	Janesville	Janesville
Thickness (in.)	6	6
Per Pallet		
Layers	5	5
Sections		
UNITS per		
SqFt	1.5/1.7	1.5
Layer	8	8
Pallet	40	40
LBS per		
Layers	520	520
Pallet	2600	2600
pc	65	65
Column per		
	SRW/FSW = .67/.5	Corner = .65
Colors		
	<i>Allure, Vision, Majestic, Timeless, Reflection, Enlighten</i>	

Tribute® Smooth Wall Systems

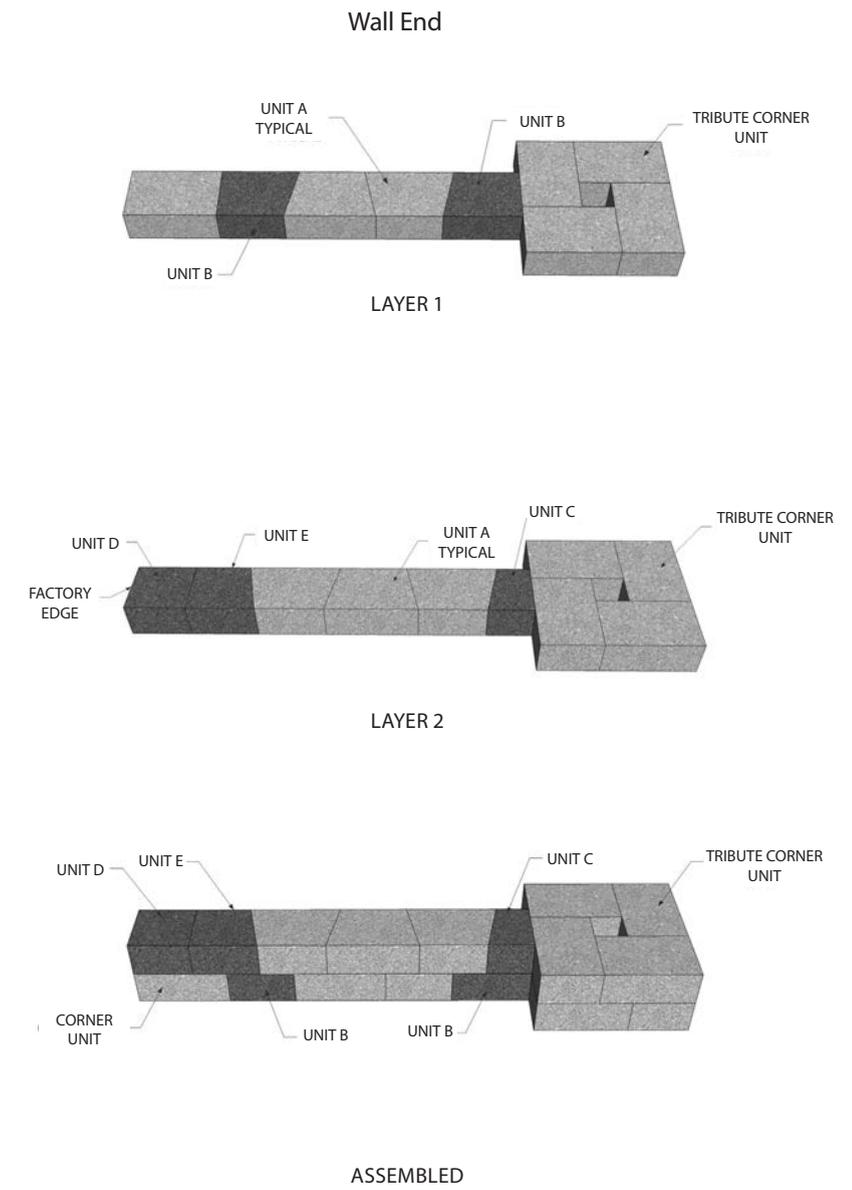
Cutting Guide



Assembly



Assembly



Tribute® Splitface Wall Systems

Tribute® Splitface Wall Systems features solid blocks with multiple pin grooves on the top surface that allow a combination of retaining and freestanding wall options.



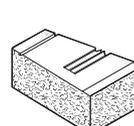
Full Unit*
12 x 16 IN
6 HEIGHT



FSW (2 sided)*
10 x 16 IN
6 HEIGHT



Corner
12x 8 IN
6 HEIGHT



PRODUCT NUMBERS

Split Face Regular (1-Sided) 12" x 6" x 16"

Janesville Colors

Buff	0076050
Canyon Brown	0076004
Graphite	0076016
Gray	0076000
Silvertone	0076008
Timeless	0076024
Vision	0076020
Swiss Mocha	0076012

Roberts Colors

Canyon Brown	0048003W
Graphite	0048016W
Gray	0048000W
October Oak	0048009W
Silvertone	0048006W
Swiss Mocha	0048012W
Vision	0048019W

PRODUCT NUMBERS

Split Face Front & Back (2-Sided) – 10" x 6" x 16"

Janesville Colors

Buff	0076051
Canyon Brown	0076005
Graphite	0076017
Gray	0076001
Silvertone	0076009
Timeless	0076025
Vision	0076021
Swiss Mocha	0076013

Roberts Colors

Canyon Brown	0048003W2
Graphite	0048016W2
Gray	0048000W2
October Oak	0048009W2
Silvertone	0048006W2
Swiss Mocha	0048012W2
Vision	0048019W2

PRODUCT NUMBERS

Split Face Corner 12" x 6" x 8"

Janesville Colors

Buff	0076052
Canyon Brown	0076006
Graphite	0076016
Gray	0076002
Silvertone	0076010
Timeless	0076026
Vision	0076022
Swiss Mocha	0076014

Roberts Colors

Canyon Brown	0048004W
Graphite	0048017W
Gray	0048001W
October Oak	0048010W
Silvertone	0048007W
Swiss Mocha	0048014W
Vision	0048020W

Tribute - Splitface

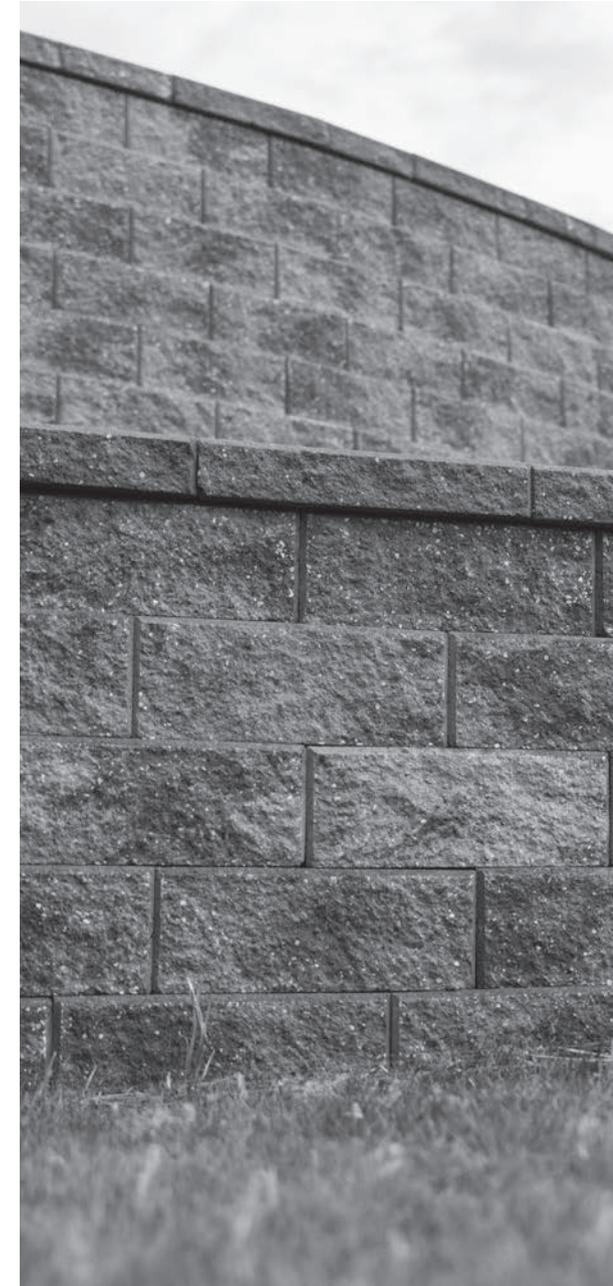
	Full Unit - SRW	FSW (2-sided)	Corner
Size (in.)	16 x 12	16 x 10	16 x 10 ^{1/8}
Pallet Type	Single	Single	Single
Plant Production	Janesville	Janesville	Janesville
Thickness (in.)	6	6	6
SQFT Per			
pc	0.67	.67/.5	0.33
Layer	6.03		N/A
Pallet	24.12	24.12/ 18	N/A
Per Pallet			
Layers	4	4	4
UNITS Per			
SqFt	1.5	1.5/2	0.33
Layer	9	9	18
Pallet	36	36	72
LBS Per			
pc	76	76	38
Layer	675	578.25	675
Pallet	2736	2736	2736
Colors			

Vision, Gray, Buff, October Oak, Silvertone, Graphite, Swiss Mocha, Timeless

* SRW (Segmental Retaining Wall Unit)
* FSW (Free Standing Wall Unit)

- Rustic texture products are available in all colors (Made to Order).
- Calculate the number of Tribute full units needed: SF x 1.5

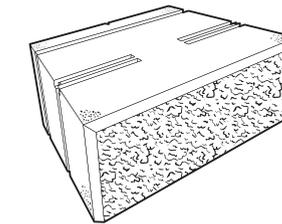
Tribute® Splitface Wall Systems



Wall Configurations

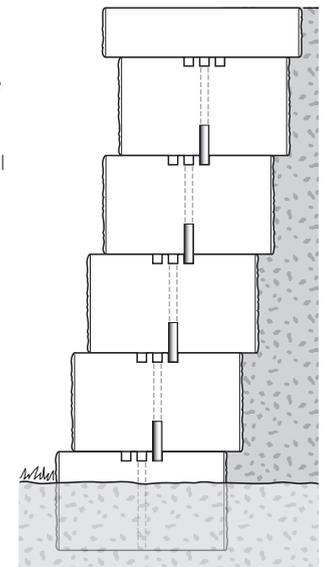
Tribute retaining walls with pins:

Each Tribute unit has a unique two-position pin placement system, Two pins per unit secure Tribute block in place.



• Tribute Set Back Retaining Wall Installation

Position pinholes of each successive Tribute unit over the rear-receiving channel on the lower unit. This placement will give your Tribute wall an approximate 7" set back.



Seat Wall and Column Design

Finished Ends and Corners on Tribute Two-Sided Seat Wall Installations

At your desired seat wall starting point, place one half block with a split front and back (Figure 2). Next, install full units side-by-side for the length of the seat wall. End the course by placing another half block with a split surface front and back.

Second course: Use retaining wall adhesive to hold all end pieces securely in place. Continue laying standard units side-by-side, and install the other 1/4 return unit at the end of the seat wall following the same instructions. Continue building successive courses by repeating instructions above, alternating each 1/4 return end unit and using adhesive for proper stability. When the seat wall is finished to the proper height, adhere caps for a finished effect.

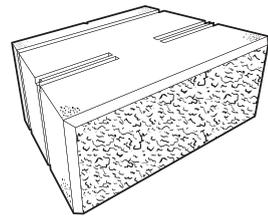
Figure 2 Tribute Two-Sided Seat Wall



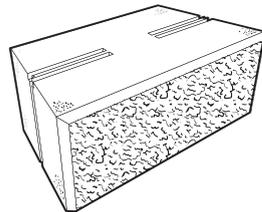
Courses 1,3,5...



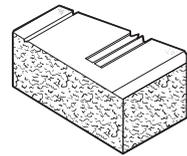
Courses 2,4,6...



Retaining Wall Block



Free-Standing



Two-Sided Half Block

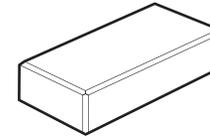
Unity™ Landscape Units

Unity™ Landscape Units offer a smooth linear aesthetic and are ideal for constructing custom outdoor living features, including fireplaces, kitchens, built-in grills, seat walls, pillars, and more.



Rectangular

(All sides Smooth finish)
9 x 18 IN
4 HEIGHT



PRODUCT NUMBERS

Unity Landscape Smooth Block – 9" x 18" x 4"

Enlighten	0077006
Majestic	0077002
Timeless	0077004
Vision	0077000
Reflection	0077008
Allure	0077010

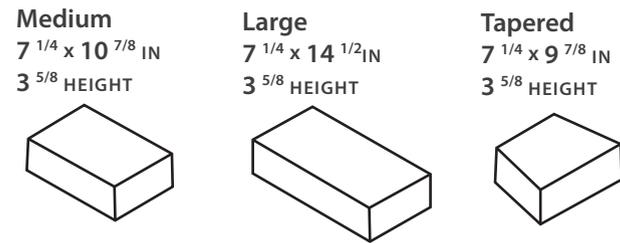
Unity

Size (in.)	18 x 9
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	4
SQFT Per	
pc	.5
Layer	5
Section	N/A
Pallet	40
Per Pallet	
Layers	8
Sections	N/A
UNITS per	
SqFt	3
Layer	10
Pallet	80
LBS per	
pc	47.3
Layer	494
Pallet	3784
Colors	

Allure, Vision, Majestic, Timeless, Reflection, Enlighten

Summit Stone® Landscape Units

Summit Stone Landscape Units' dimensional shape and multiple unit sizes make them ideal for constructing custom outdoor living features, including fireplaces, kitchens, built-in grills, seat walls, pillars, and more.



Summit Stone - Smooth and Tumbled

	Medium	Large	Tapered
Size (in.)	10 ^{7/8} x 7 ^{1/4}	14 ^{1/2} x 7 ^{1/4}	9 ^{7/8} x 7 ^{1/4}
Pallet Type	Single	Single	Single
Plant Production	Janesville	Janesville	Janesville
Thickness (in.)	3 ^{5/8}	3 ^{5/8}	3 ^{5/8}
SQFT Per			
pc	0.27	0.37	0.27
Layer	5.4	5.55	6.48
Pallet	43.2	44.4	45.36
Per Pallet			
Layers	8	8	7
UNITS Per			
SqFt	3.7	2.7	3.7
Layer	20	15	24
Pallet	160	120	168
LBS Per			
pc	22	28.33	17.55
Layer	420	420	420
Pallet	3520	3399.60	2948.4
Colors			
	<i>Vision</i>	<i>Vision</i>	<i>Vision</i>
	<i>Beckon</i>	<i>Beckon</i>	<i>Beckon</i>
	<i>Reflection</i>	<i>Reflection</i>	<i>Reflection</i>
	<i>Enlighten</i>	<i>Enlighten</i>	<i>Enlighten</i>
	<i>Timeless</i>	<i>Timeless</i>	<i>Timeless</i>
	<i>Majestic</i>	<i>Majestic</i>	<i>Majestic</i>

PRODUCT NUMBERS

Summit Stone – Medium
7 1/4" x 3 5/8" x 10 7/8"

Tumbled Colors

Beckon	0072021
Enlighten	0072023
Majestic	0072019
Reflection	0072016
Timeless	0072001
Vision	0072013

Smooth Colors

Beckon	0072021S
Enlighten	0072023S
Majestic	0072019S
Reflection	0072016S
Timeless	0072001S
Vision	0072013S

PRODUCT NUMBERS

Summit Stone – Large
7 1/4" x 3 5/8" x 14 1/2"

Tumbled Colors

Beckon	0072022
Enlighten	0072024
Majestic	0072020
Reflection	0072017
Timeless	0072002
Vision	0072014

Smooth Colors

Beckon	0072022S
Enlighten	0072024S
Majestic	0072020S
Reflection	0072017S
Timeless	0072002S
Vision	0072014S

PRODUCT NUMBERS

Summit Stone – Tapered
7 1/4" x 3 5/8" x 7 1/4" -10"

Tumbled Colors

Beckon	0072107
Enlighten	0072108
Majestic	0072106
Reflection	0072105
Timeless	0072100
Vision	0072104

Smooth Colors

Beckon	0072107S
Enlighten	0072108S
Majestic	0072106S
Reflection	0072105S
Timeless	0072100S
Vision	0072104S



Unity™ and Summit Stone® Landscape Units

Palletization Table

Product	How Is This Product Palletized?
Summit Stone® Landscape Units - Medium	Individual sizes palletized separately
Summit Stone® Landscape Units - Large	Individual sizes palletized separately
Summit Stone® Landscape Units - Tapered	Individual sizes palletized separately



Pillar Construction

Decorative Pillars

Summit Stone® is designed to let you build decorative pillars as individual accents or in combination with small decorative walls. No cutting or fitting is required.

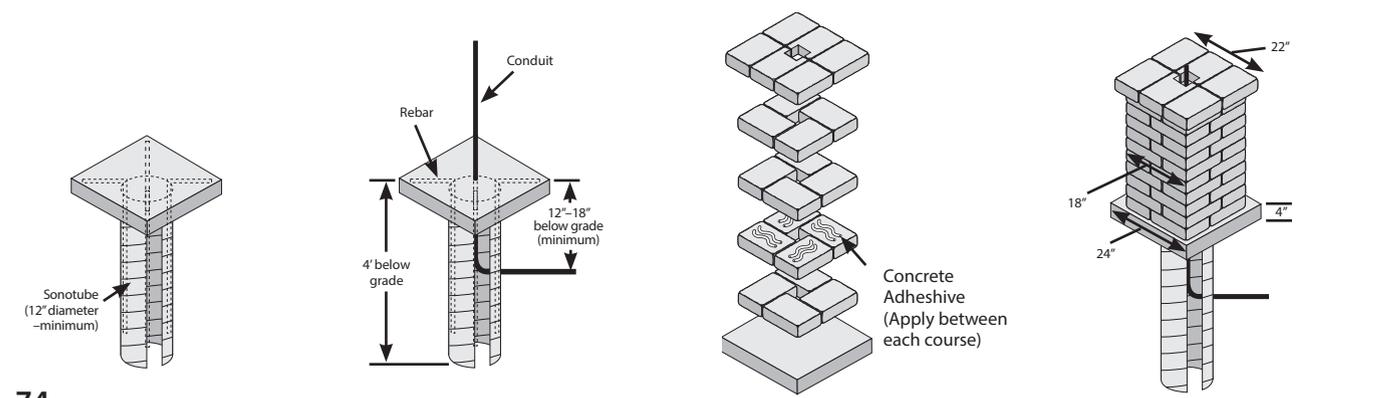
To make a pillar with Summit Stone, place units in alternating layers as shown in the illustration below. Make sure you build on level and well compacted ground and recommended base pad. (Ask a Summit Stone dealer for guidelines.)

Apply concrete adhesive between each course as you construct the pillar. Place adhesive on the touching ends and undersides of each cap unit.

The hollow area inside of each pillar can accommodate electrical conduit for a light or a wood 4" x 4" to support a trellis, a lamp post or a garden gate.

Pillars with Electrical Conduit

- Sonotube must be placed 4' below grade.
- 24" x 24" x 4" concrete base is joined to the sonotube column with rebar.
- Conduit is placed 12" – 18" below grade (min.).
- Place units in alternating layers as shown below.
- Build on level and well-compacted ground and recommended base pad.
- Apply concrete adhesive between each course.



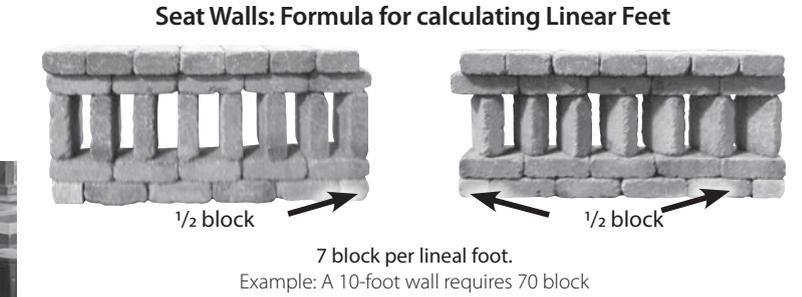
Seat Walls, Alcoves and Tables

Seat Wall Patterns

Create Seat Walls that define the boundaries of your outdoor living patio spaces

Tables and Counters

Add functionality to your outdoor living space with a Summit Stone constructed table, storage space, bar, etc.



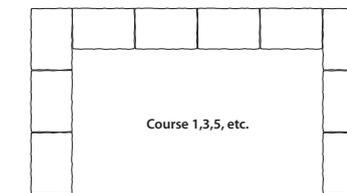
Special Features: Surrounds/Alcoves for Grills, Refrigerators, etc.

Enhance Your Outdoor Living Space

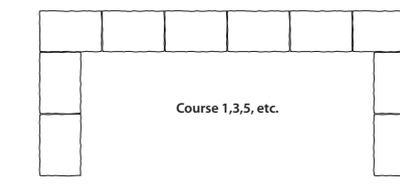
Outdoor kitchen appliances can be nestled into alcoves constructed of Summit Stone Landscape Units, giving your outdoor living space an attractive, completed appearance.



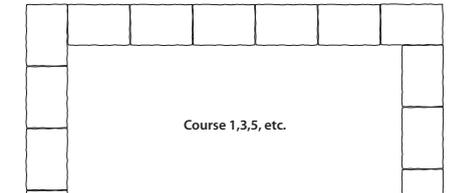
Alcove Layout #1



Alcove Layout #2



Alcove Layout #3

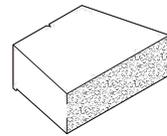


Winston® Straight Wall Systems

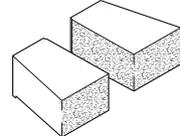
Winston Straight Retaining Wall Systems are manufactured with a rear lip, forming a setback design for simplified installations.



Full Unit
(Front finish)
12 x 17 1/2 IN
6 HEIGHT



Corner
(Front and corner finish)
8 3/4 x 12 IN
6 HEIGHT



PRODUCT NUMBERS

Split Face Straight

12" x 6" x 17 1/2"

Canyon Brown 0047W06S

Graphite 0047W22S

Gray 0047W02S

October Oak 0047W18S

Silvertone 0047W10S

Split Face Straight Corner

12" x 6" x 8 3/4"

Canyon Brown 0047W07S

Graphite 0047W23S

Gray 0047W03S

October Oak 0047W19S

Silvertone 0047W11S

Winston Straight

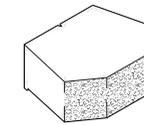
	Stright SRW Unit	Stright Corner
Size (in.)	17 1/2 x 12	8 3/4 x 12
Pallet Type	Single	Single
Plant Production	Roberts	Roberts
Thickness (in.)	6	6
SQFT Per		
pc	0.73	0.36
Layer	9	18
Pallet	32.85	90
Per Pallet		
Layer	5	5
UNITS Per		
SqFt	1.36	N/A
Layer	6.57	N/A
Pallet	45	N/A
LBS Per		
pc	73	36
Layer	657	657
Pallet	3340	3340
Colors		
	Gray, Silvertone, Graphite, Canyon Brown, October Oak	

Winston® Tri-Split Wall Systems

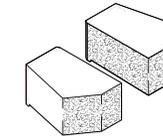
Winston Tri-Split Retaining Wall Systems offer traditional aesthetic and feature a rear lip system, forming a setback design for simplified installations.



Full Unit
(Front finish)
12 x 16 IN
6 HEIGHT



Corner
(Front and corner finish)
12 x 8 IN
6 HEIGHT



Note: Compatible caps on page 89.

PRODUCT NUMBERS

Tri-Split

12" x 6" x 16"

Canyon Brown 0047W04S

Gray 0047W00S

Silvertone 0047W08S

Tri-Split Corner

12" x 6" x 8"

Canyon Brown 0047W05S

Gray 0047W01S

Silvertone 0047W09S

Winston Tri-Split

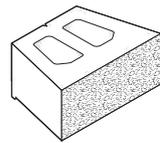
	Tri Split SRW Unit	Tri Split Corner
Size (in.)	16 x 12	8 x 12
Pallet Type	Single	Single
Plant Production	Roberts	Roberts
Thickness (in.)	6	6
SQFT Per		
pc	0.67	0.36
Layer	9	18
Pallet	45	90
Per Pallet		
Layer	5	5
UNITS Per		
SqFt	1.5	N/A
Layer	6.03	N/A
Pallet	30.15	N/A
LBS Per		
pc	65	31
Layer	595	558
Pallet	2975	2790
Colors		
	Canyon Brown, Gray, Silvertone	

Integrity™ Retaining Wall System

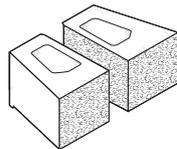
The Integrity Retaining Wall System is a practical solution for even challenging applications, including multi-level terraces and slope protection. The Integrity wall system is manufactured to ensure efficient installation, increased stability, and lasting durability.



Full Unit
(Front finish)
12 x 18 IN
8 HEIGHT



Corner
(Front and corner finish)
9 x 12 IN
8 HEIGHT



Note: Compatible caps on page 89.

PRODUCT NUMBERS

Split Face – 12" x 8" x 18"

Janesville Colors

Buff 0075402B

Gray 0075400B

Hush 0075406B

Silvertone 075412B

Timeless 075410B

Roberts Colors

Canyon Brown 0047810

Graphite 0047807

Gray 0047801

Silvertone 0047808

Split Face Corner – 12" x 8" x 9"

Janesville Colors

Buff 0075402C

Gray 0075400C

Hush 0075406C

Silvertone 0075412C

Timeless 0075410C

Roberts Colors

Canyon Brown 0047810C

Graphite 0047807C

Gray 0047801C

Silvertone 0047808C

Integrity

	Stright SRW Unit	Stright Corner
Size (in.)	18 x 12	9 x 12
Pallet Type	Single	Single
Plant Production	Janesville/ Roberts	Janesville/ Roberts
Thickness (in.)	8	8

SQFT Per

pc	1	.5
Layer	9	9
Pallet	36	36

Per Pallet

Layers	4	4
--------	---	---

UNITS Per

SqFt	1	2
Layer	9	18
Pallet	36	72

LBS Per

pc	77	38.5
Layer	720	720
Pallet	2772	2772

Colors

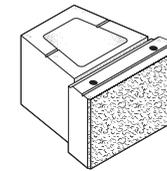
Gray, Buff, Silvertone, Hush, Canyon Brown, Timeless, Graphite

County Block® Retaining Wall System

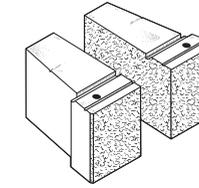
County Block Retaining Wall Systems feature a split face finish and offer an ideal solution for planting beds, steps, or multi-level terraces.



Full Unit
(Front finish)
12 x 12 1/2 IN
7 5/8 HEIGHT



Corner
(Front and corner finish)
6 1/4 x 12 IN
7 5/8 HEIGHT



Note: Compatible caps on page 89.

PRODUCT NUMBERS

Split Face Standard Block

12" x 7 5/8" x 12 1/2"

Canyon Brown 0075006

Gray 0075000

Silvertone 0075009

Swiss Mocha 0075020

Timeless 0075022

Split Face Corner

12" x 7 5/8" x 6 1/4"

Canyon Brown 0075006C

Gray 0075000C

Silvertone 0075009C

Swiss Mocha 0075020C

Timeless 0075022C

County Block

	Straight SRW Unit	Stright Corner
Size (in.)	12 1/2 x 12	6 1/4 x 12
Pallet Type	Single	Single
Plant Production	Janesville	Janesville
Thickness (in.)	7 5/8	7 5/8

SQFT Per

pc	0.66	0.33
Layer	10.56	10.56
Pallet	42	42

Per Pallet

Layers	4	4
--------	---	---

UNITS Per

SqFt	1.5	3
Layer	16	32
Pallet	64	128

LBS Per

pc	51	35.5
Layer	741	1035
Pallet	3264	4544

Colors

Gray, Silvertone, Timeless, Swiss Mocha, Canyon Brown

Rib Rock™ Landscape Block

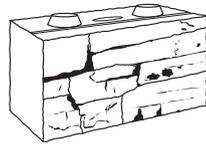
Rib Rock Landscape Block can easily construct walls from 6 to 20 feet-high with additional site-specific engineering. Each block is manufactured with an interlocking design for simplified installation and enhanced security.



Rough Texture
(Front finish)
23 x 48 IN
24 HEIGHT

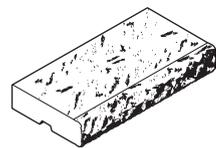


Dry Stack Texture
(Front finish)
23 x 48 IN
24 HEIGHT

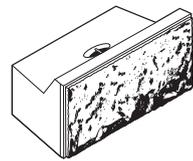


Rib Rock Rough Texture

Rib Rock Cap
(Front and top finish)
25 x 48 IN
7 HEIGHT



Top Block
(Front finish)
23 x 48 IN
24 HEIGHT



Rib Rock Dry Stack Texture

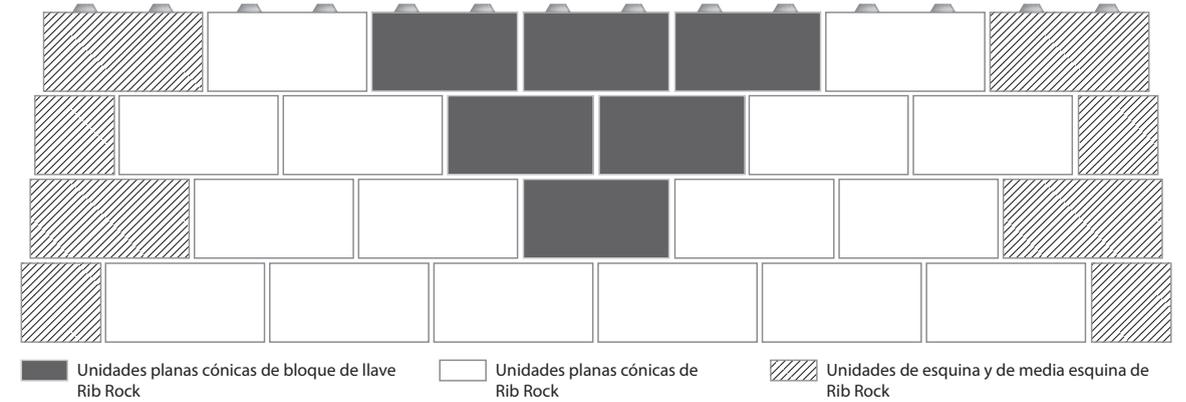
* The dimensions of all block do not include the face textures. The face textures extend away from the block and will vary from 1-3 inches.

* Cap style is the same for Rough or Dry Stack textures.

Rib Rock™ Landscape Block

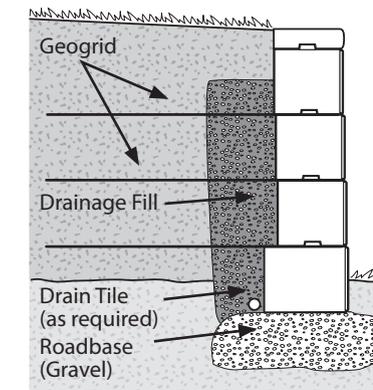
Installation

Rib Rock Keyblock Installation

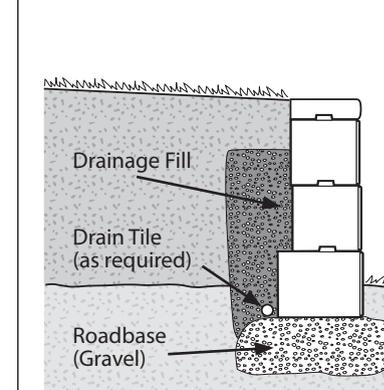


- Short Key Block are used on outside radius and on corners because you gain length due to the 2" set back on every block.
- Long Key Block are used on inside radius because you lose length due to the 2" set back on every block.

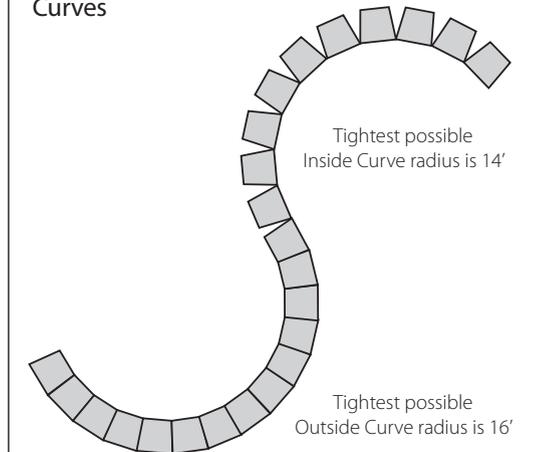
8 Foot Wall or Higher (Rib Rock)



6 Foot Wall (Rib Rock)



Curves



Note: Site conditions may require Geogrid at 6'. Refer to site specific Engineering section

Engineering

Oversize Rib Rock Landscape block can easily make walls up to 6 feet high. For walls over this height, geogrid and site specific engineering will be required. Terracing is another alternative to reach desired wall heights with little or no need for soil reinforcement. Engineering may still be required for local specifications and proper permitting.

Engineering is available for oversize wall projects in the lower 48 states. Call a County Materials' representative at 800-289-2569 for information.

Rib Rock™ Landscape Block

Units & Sizes

Available in Rough or Dry Stack Textures	D x H x L (Nominal Size) Inches	Face SF/Unit	Units/Pallet	Approx. Lbs/Unit	Lbs/Pallet	Dry Stack Face Product Number	Rough Face Product Number	Weight per each
1 – 6" PVC Drain Block (PVC)	23 x 24 x 48	8	2	1800	3645	004194PVC	004184PVC	2,021
2 – 48" Regular Block (48T)	23 x 24 x 48	8	2	1800	3645	004194T	004184T	2,129
3 – 44" Short Key Block (44K)	23 x 24 x 44	7.32	2	1750	3545	004194T44	004184T44	1,805
4 – 52" Long Key Block (52K)	23 x 24 x 52	8.66	2	2200	4445	004194T52	004184T52	2,279
5 – Base Block (No Channel) (BB)	27 x 24 x 48	8	2	2800	5645	004195SB	004185SB	2,364
6 – Half Block (HB)	23 x 24 x 24	4	2	1100	2245	004196	004186	1,100
7 – Half Corner Block Left (24L)	23 x 24 x 24	8	2	1200	2445	004197HL	004187HL	1,314
8 – Half Corner Block Right (24R)	23 x 24 x 24	8	2	1200	2445	004197HR	004187HR	1,314
9 – Full Corner Block Left (48L)	27 1/2 x 24 x 52	12	2	2320	4685	004197L	004187L	2,547
10 – Full Corner Block Right (48R)	27 1/2 x 24 x 52	12	2	2320	4685	004197R	004187R	2,547
11 – Cap Regular	25 x 7 x 48	2.33	4	440	1805	004198	004198	557
12 – Cap Corner Left	25 x 7 x 48	2.33	4	440	1805	004198L	004198L	586
13 – Cap Corner Right	25 x 7 x 48	2.33	4	440	1805	004198R	004198R	586
14 – Cap 2-Sided – Face & Back	25 x 7 x 48	2.33	4	440	1805	004199	004199	543
15 – Cap 3-Sided – Face, Back & End	25 x 7 x 48	2.33	4	440	1805	004199RL	004199RL	553
16 – TOP Block - 48" Regular (48TB)	23 x 24 x 48	8	2	1540	3645	00419900DT	00419900RT	1,690
17 – TOP Block - Half Block (24TB)	23 x 24 x 24	4	2	1100	2245	00419906DT	00419906RT	933
18 – TOP Block - Full Corner Right (48RTB)	27 1/2 x 24 x 52	12	2	2020	4085	00419914DT	00419914RT	2,183
19 – TOP Block - Full Corner Left (48LTB)	27 1/2 x 24 x 52	12	2	2020	4085	00419912DT	00419912RT	2,183
20 – TOP Block - Half Corner Left (24LTB)	23 x 24 x 24	8	2	1240	2525	00419908DT	00419908RT	1,160
21 – TOP Block - Half Corner Right (24RTB)	23 x 24 x 24	8	2	1240	2525	00419910DT	00419910RT	1,160
22 – TOP Block - 44" Short Key (44TB)	23 x 24 x 44	7.32	2	1400	2845	00419902DT	00419902RT	1,558
23 – TOP Block - 52" Long Key (52TB)	23 x 24 x 52	8.66	2	2100	4245	00419904DT	00419904RT	1,857

Rib Rock™ Landscape Block

Units & Sizes

1 6" PVC Drain Block

2 Regular Block

3 44" Short Key Block

4 52" Long Key Block

5 Base Block (No Channel)

6 Half Block

7 Half Corner Block LH

8 Half Corner Block RH

9 Full Corner Block Left

10 Full Corner Block Right

11 Regular Cap

12 Corner Cap Left

13 Corner Cap Right

14 Cap - 2 Sided Face & Back

15 Cap - 3 Sided Face, Back & End

16 48" Taper Top Block

17 1/2 Top Block

18 Full Corner Top Block Right

19 Full Corner Top Block Left

20 Half Corner Top Block Left

21 Half Corner Top Block Right

22 44" Short Key Top Block

23 52" Long Key Top Block

Use Top Block to finish off the top of a wall, in place of a cap, if a cap is not required

Side View

(Dimensions shown are Nominal Sizes)

Rib Rock™ Landscape Block

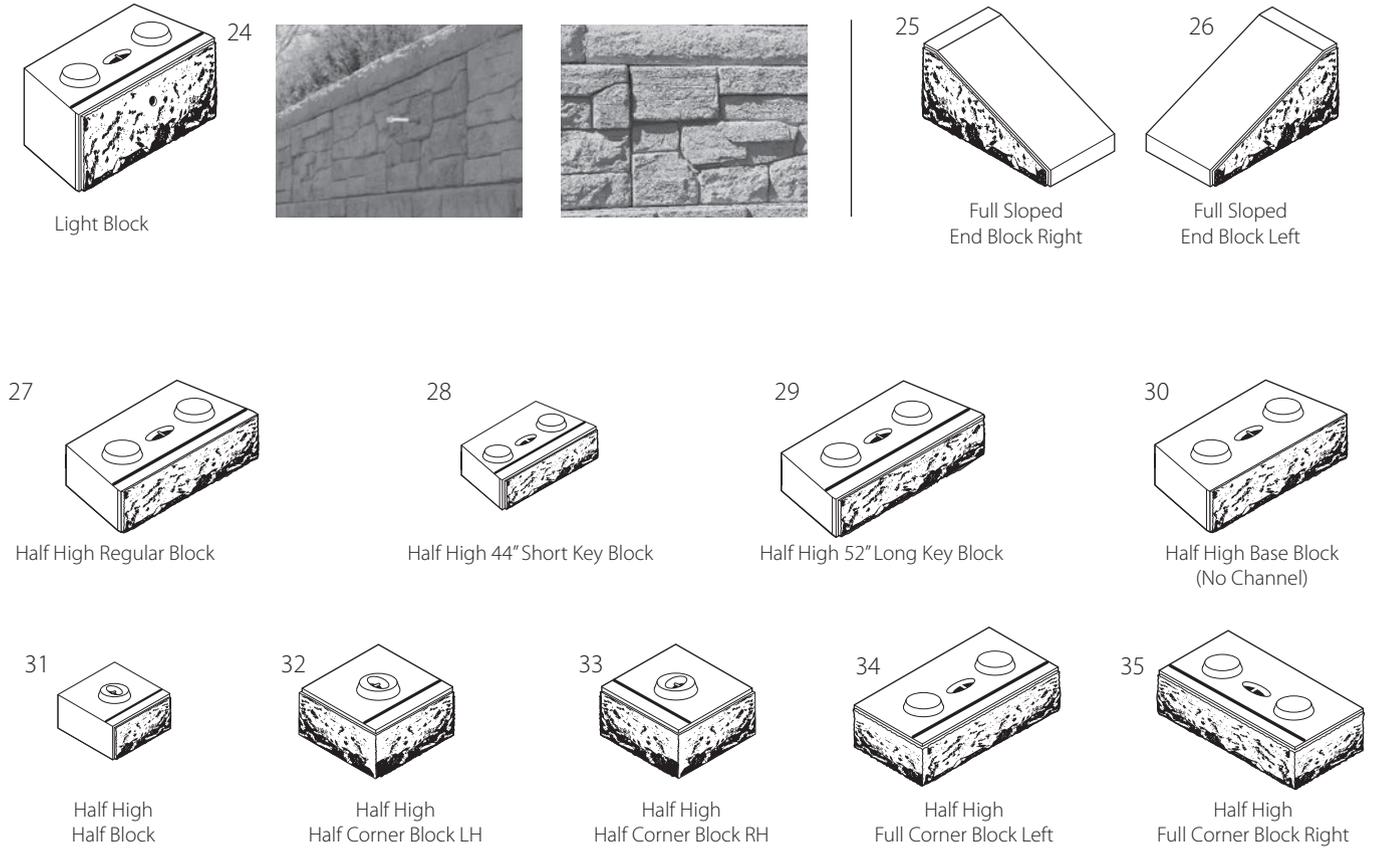
Units & Sizes

Rib Rock	D x H x L (Nominal Size) Inches	Face SF/Unit	Units/ Pallet	Approx. Lbs./Unit	Lbs./Pallet	Dry Stack Face Product Number	Rough Face Product Number	Weight per each
24 – Light Block (48LB)	23 x 24 x 48	8	2	1800	3645	004194LIT	004184LIT	2,064
25 – Sloped Block Right (48SR)	23 x 24 x 48	5	2	1545	3135	004194SR	004184SR	1,477
26 – Sloped Block Left (48SL)	23 x 24 x 48	5	2	1545	3135	004194SL	004184SL	1,477
27 – Half High - 48" Regular Block (HH48)*	23 x 12 x 48	4	4	900	3645	004194THH	N/A	1,150
28 – Half High - 44" Short Key Block (HH44)	23 x 12 x 44	3.66	4	875	3545	004194T44HH	N/A	890
29 – Half High - 52" Long Key Block (HH52)*	23 x 12 x 52	4.33	4	1100	4445	004194T52HH	N/A	1,093
30 – Half High - Base Block (No Channel) (HHBB)*	27 x 12 x 48	4	4	1400	5645	004195SBHH	N/A	1,217
31 – Half High - Half Block (HHHB)**	23 x 12 x 24	2	4	550	2245	004196HH	N/A	557
32 – Half High - Half Corner Block Left (HH24L)*	23 x 12 x 24	4	4	600	2445	004197HLHH	N/A	661
33 – Half High - Half Corner Block Right (HH24R)*	23 x 12 x 24	4	4	600	2445	004197HRHH	N/A	661
34 – Half High - Full Corner Block Left (HH48L)*	27½ x 12 x 52	6	4	1160	4685	004197LHH	N/A	1,268
35 – Half High - Full Corner Block Right (HH48R)*	27½ x 12 x 52	6	4	1160	4685	004197RHH	N/A	1,268

**Dry Stack Texture Only

Rib Rock™ Landscape Block

Units & Sizes



Note: Items 27-35 are only available in the Dry Stack texture

MagnumStone® Retaining Wall System

MagnumStone® Retaining Wall Systems (NEW) MagnumStone Gravity Retaining Wall Extenders replace Geogrid reinforcements by using a tongue-and-groove concrete system to meet or exceed the demands of engineers. This system reduces the massive footprint of traditional cantilevered gravity retaining walls and gives developers and owners greater use of land above the wall.



Magnum Stone



	Full Size Base Block	Full Size Standard Block	Full Size Standard Top Block	Full Size Half Wide Base Block	Full Size Half Wide Standard Block
Size (in.) (H x D x FW)	24 x 24 x 48	24 x 24 x 48	24 x 24 x 48	24 x 24 x 24	24 x 24 x 24
Pallet Type	2	2	2	4	4
Plant Production	Roberts	Roberts	Roberts	Roberts	Roberts
Back Width	39	39	39	39	39
SF/Unit	8	8	8	4	4
Weight per Unit	1400	1425	1375	750	725
Unit Per Pallet	2	2	2	2	4
Weight Per Pallet	2850	2900	2800	1550	2900

MagnumStone® Retaining Wall System



	Full Size Universal Corner / End Cap	Half High Base Block	Half High Standard Block	Half Corner / End	Step / Cap
Size (in.) (H x D x FW)	24 x 8	12 x 24 x 48	12 x 24 x 48	12 x 9	6 x 24
Pallet Type	4	4	4	2	2
Plant Production	Roberts	Roberts	Roberts	Roberts	Roberts
Face Width	Top 2", Bottom 4"	39	39	Top 3", Bottom 4"	48
Back Width	Top 2", Bottom 4"	(see Size)	(see Size)	Top 3", Bottom 4"	N/A
SF/Unit	4.66	4	4	4	4
Weight Per Unit	340	725	750	170	650
Unit Per Pallet	4	4	4	2	2
Weight Per Pallet	1410	2950	3050	390	1350

MagnumStone® Retaining Wall System - Extensions



	24" Extension	48" Extension
Size (in.)	24 x 24	24 x 48
Pallet Type	2	2
Plant Production	Roberts	Roberts
Weight Per Unit	625	1425
LBS Per Pallet	1300	1850
Product Number	004M0040	004M0042

Related Retaining Wall Products

Adhesive

Product	Case Qty.
Techniseal RG+ Adhesive 10 oz.	12
Techniseal RG+ Adhesive 28 oz.	12

Geogrid

Product
SRW 3- 6'x 50' (per roll)
SRW 3- 6'x 150' (per roll)
SRW 3- 12'x 150' (per roll)
SRW 5- 6'x 150' (per roll)
SRW 7- 12'x 150' (per roll)

Landscape Fabric

Product
Mirandscape 3'x 300' (per sq yd)
SRW 3'x 50' (per roll)
SRW 3'x 300' (per roll)
SRW 4'x 300' (per roll)
SRW 6'x 300' (per roll)
SRW 12'x 300' (per roll)

CAPS & COPING

- 90 Wall and Pillar Caps
- 91 Wetcast Caps
- 92 PRESTIGE™ Coping Pavers, Demi PRESTIGE™ Coping Pavers, Grand CREST™ Bullnose Pavers

WALL & PILLAR CAPS

PRODUCT NUMBERS

Split Face Rectangle Cap - Double Sided

Janesville Colors

Buff	0076500
Canyon Brown	0076503
Silvertone	0076515
Swiss Mocha	0076518
Timeless	0076521
Vision	0076524
Graphite	0076506
Gray	0076509

Compatibility: Tribute Wall Systems, Winston, Integrity, County Block, Unity, and Summit Stone

Split Face Trapezoid Cap - Double Sided

Janesville Colors

Buff	0074303U
Canyon Brown	0074304U
Graphite	0074305U
Silvertone	0074307U
Swiss Mocha	0074308U
Gray	0074302U
Hush	0074306U
Timeless	0074309U
Vision	0074310U

Compatibility: Tribute Wall Systems, Winston, Integrity, County Block, Unity, and Summit Stone

Smooth Rectangle Cap - Double Sided

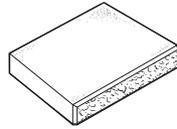
Janesville Colors

Enlighten	0076038N
Majestic	0076032N
Timesless	0076029N
Vision	0076023WN
Reflection	0076035N
Allure	0076041N

Compatibility: Tribute Wall Systems, Winston, Integrity, County Block, Unity, Summit Stone

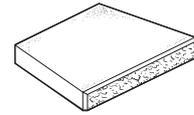


Splitface Rectangle Cap Double sided



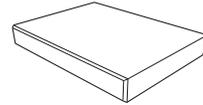
13 5/8 x 18 IN
3 HEIGHT

Splitface Trapezoidal Cap Double sided



13 5/8 x 18-14 1/4 IN
3 HEIGHT

Smooth Rectangle Cap Double sided



13 5/8 x 18 IN
3 HEIGHT

Wall & Pillar Caps

	Splitface Rectangle Cap Double Sided	Splitface Trapezoidal Cap Double Sided	Smooth Rectangle Cap Double Sided
Size (in.)	13 5/8 x 18	13 5/8 x 18-14	13 5/8 x 18
Pallet Type	Single	Single	Single
Plant Production	Janesville / Roberts	Janesville / Roberts	Janesville
Thickness (in.)	3	3	3

SQFT Per			
pc	1.5	1.33	1.5
Layer	9	11.97	9
Pallet	99	83.78	72

Per Pallet			
Layers	11	7	8

UNITS Per			
SqFt	0.67	0.75	0.67
Layer	6	9	6
Pallet	66	63	48

LBS Per			
pc	55.6	47	55.58
Layer	323	423	300
Pallet	3669.6	2961	2667.84

Colors			
	Vision	Vision	Allure
	Timeless	Timeless	Vision
	Silvertone	Silvertone	Majestic
	Graphite	Buff	Timeless
	Buff	October Oak	Reflection
	Swiss Mocha	Swiss Mocha	Enlighten
	Canyon Brown	Canyon Brown	
	Gray	Graphite	
		Gray	
		Hush	

Compatibility			
	Tribute Wall Systems, Winston, Integrity, County Block, Unity, Summit Stone		

WETCAST CAPS

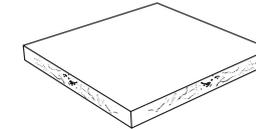


Wetcast Rectangle Cap



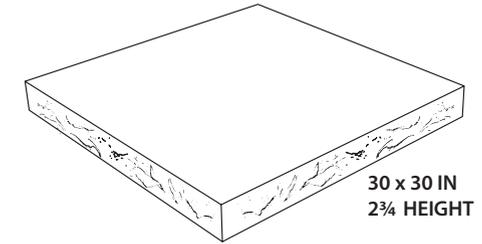
14 x 30 IN
2 3/4 HEIGHT

Wetcast 24"x24" Column Caps



24 x 24 IN
2 3/4 HEIGHT

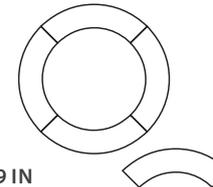
Wetcast 30"x30" Column Cap



30 x 30 IN
2 3/4 HEIGHT

Fire Pit Cap

4 pieces assembled (in.)



Inside - 39 IN
Outside - 57 IN
2 3/4 HEIGHT

PRODUCT NUMBERS

Column Cap - 24" x 24" x 2 3/4"

Reflection 380710

Vision 380711

Column Cap - 30" x 30" x 2 3/4"

Reflection 380720

Vision 380721

Rectangle Cap

14" x 30" x 2 3/4"

Reflection 380714

Vision 380715

Wetcast Caps

	Rectangle Cap	Column Cap	Column Cap	Fire Pit Cap
Size (in.)	14 x 30	24 x 24	30 x 30	4pcs = 39"
Pallet Type	Single	Single	Single	Single
Plant Production	NA	NA	NA	NA
Thickness (in.)	2 3/4	2 3/4	2 3/4	2 3/4

SQFT Per				
pc	2.5	N/A	N/A	N/A
Layer	N/A	N/A	N/A	N/A
Pallet	45	N/A	N/A	N/A

UNITS Per				
Inl ft	0.4	N/A	N/A	N/A
Layer	N/A	N/A	N/A	N/A
Pallet	18	8	6	8

LBS Per				
pc	120	130	204	68
Layer	N/A	N/A	N/A	N/A
Pallet	2156	1042	1224	544

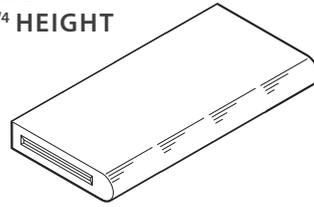
Colors				
	Vision	Vision	Vision	Vision
	Reflection	Reflection	Reflection	Reflection

Compatibility				
	Tribute Wall System	Tribute Wall System	Tribute Wall System	Summit Circle Fire Pit
	Winston	Summit Stone	Unity Column	
	Integrity			
	County Block			
	Unity			
	Summit Stone			

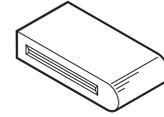
COPING PAVERS | Prestige, Demi Prestige, & Grand Crest

Prestige Pool Coping Pavers, with its longer, bullnose shape, is uniquely suited for pool coping applications to finish pool edges with refined style. Units are also suitable for steps, freestanding wall caps, and more.

PRESTIGE
14 x 24
2 3/4 HEIGHT



Demi PRESTIGE
8 x 14
2 3/4 HEIGHT



Grand CREST
8 x 14
2 3/4 HEIGHT



PRODUCT NUMBERS

Prestige Coping - Bullnose Burnished 14 x 24

Janesville Colors

Quiet Beach	0071200
Galaxy	0071202
Sea Salt	0071204



Demi Prestige Coping - Bullnose Burnished 8 x 14

Janesville Colors

Quiet Beach	0071210
Galaxy	0071211
Sea Salt	0071212



Grand Crest - Bullnose 8 x 14

Janesville Colors

Reflection	0071213
Vision	0071220
Majestic	0071215
Timeless	0071214



Coping / Caps

	Prestige Coping/Cap	Demi-Prestige Coping/Cap	Grand Crest
Size (in.)	14 x 24	8 x 14	8 x 14
Pallet Type	Single	Single	Single
Plant Production	Janesville	Janesville	Janesville
Thickness (in.)	2 3/4	2 3/4	2 3/4

SQFT Per			
pc	2	0.667	0.667
Layer	8	12	12
Pallet	4	96.04	96.04

Per Pallet			
Layers	11	8	8

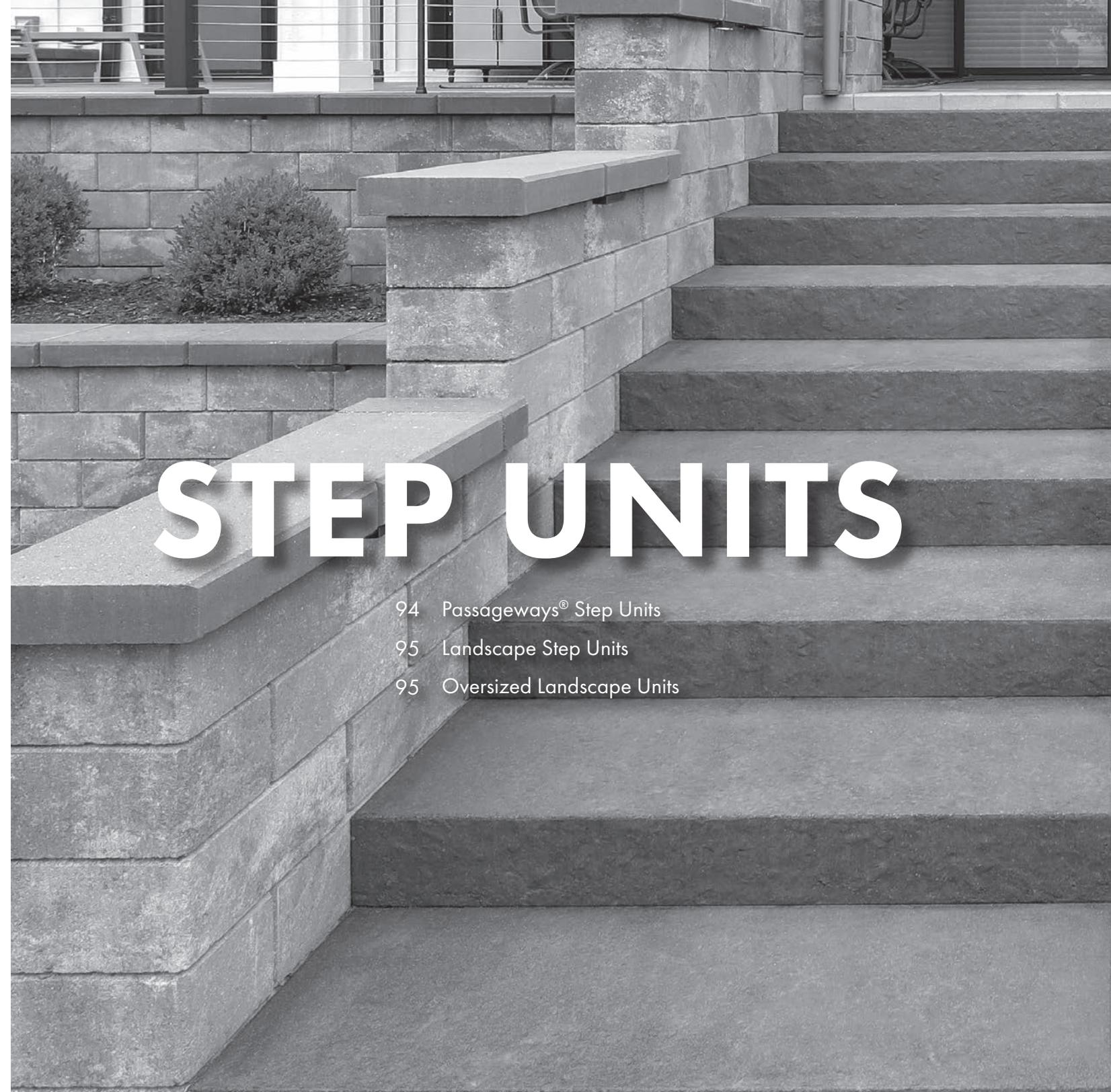
UNITS Per			
SqFt	0.5	1.5	1.5
Layer	4	18	18
Pallet	16	144	144

LBS Per			
pc	73	24	24.30555
Layer	313.25	437	437
Pallet	1168	3500	3500

Colors			
	Sea Salt	Sea Salt	Vision
	Quiet Beach	Quite Beach	Reflection
	Galaxy	Galaxy	Timeless
			Majestic

Compatibility			
Tribute Wall Systems, Winston, Integrity, County Block, Unity, Summit Stone			

Applications			
Single & Double Sided Walls, Steps & Treads, Pool Coping			



STEP UNITS

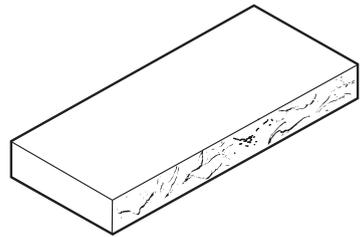
- 94 Passageways® Step Units
- 95 Landscape Step Units
- 95 Oversized Landscape Units

Passageways® Step Units

Featuring a natural textured face, clean lines, and a large modular shape, Passageways Step Units enhance installation and offer endless applications. Add steps to raised patios, front entrances, terraced walks, and steep slopes.



20 x 48 IN
6 HEIGHT



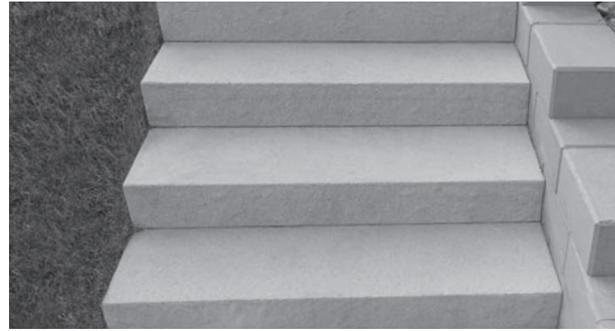
PRODUCT NUMBERS

Passageways Step Unit
20" x 6" x 48"

Beckon	0070145
Reflection	0070141
Vision	0070143
Timeless	0070144

Passageways Step Units with Glow Path Technology™
20" x 6" x 48"

Reflection	007GP045
Vision	007GP046

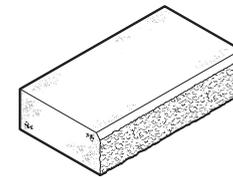


Passageways Step Units

	Standard	Glow Path
Size (in.)	20 x 6 x 48	20 x 6 x 48
UNITS per Pallet	3	3
LBS per Pallet	1491	1491
pc	497	497
Colors	Vision Beckon Reflection Timeless	Vision Reflection

LANDSCAPE STEP UNITS AND OVERSIZED LANDSCAPE UNITS

Landscape Step Units
14 x 24 IN
6 HEIGHT



Landscape Step Units' smooth stepping surface provides solid and safe footing. Their size speeds up step installation time and reduces the amount of retaining wall block needed.

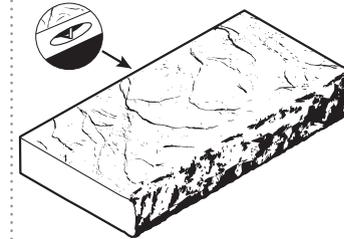


PRODUCT NUMBERS

Landscape Step Unit –
14" x 6" x 24"

Canyon Brown	002688R
Graphite	002694R
Gray	002696R
October Oak	002692R
Silvertone	002690R
Vision	002699R

Oversized Landscape Units
25 x 48 IN
6 1/4 HEIGHT



Oversize Landscape Units are manufactured with a natural textured surface. Their large size covers more square footage than alternative step options, reducing installation and labor costs.



PRODUCT NUMBERS

Oversize Landscape Step Unit –
25" x 6 1/4" x 48"

Gray	004188G3
Camel	004188C3



Landscape Step Units

Size (in.)	14 x 24 x 6
Pallet	10
LBS per Pallet	1680
Colors	Vision Gray October Oak Silvertone Graphite Canyon Brown

Oversized Landscape Units

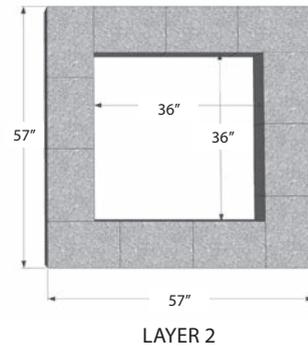
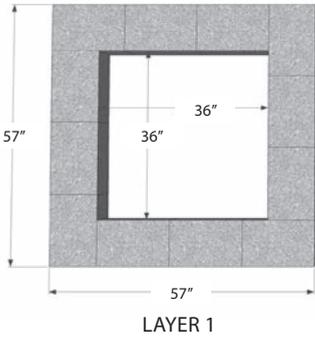
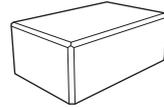
Size (in.)	25 x 48 x 6 1/4
Pallet	4
LBS per Pallet	3085
Colors	Gray Camel

Tribute® Smooth Square Fire Pit Kits

Achieve sophistication with our Tribute Smooth Fire Pit Kits. Kits include a 36" x 36" x 11" square steel fire ring. Add to your backyard or next design and you will be ready to relax around your backyard fire with family and friends.



Full Unit
10 1/8 x 15 5/8 IN
6 HEIGHT



PRODUCT NUMBERS

Square Fire Pit using Tribute Smooth

Requires (1) 36" Square Steel Insert & (24) Tribute Smooth Corners

36" x 36" Square Steel Insert

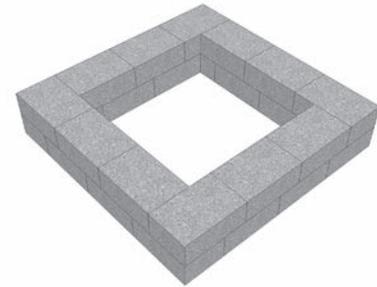
007263FPI

Add 24 Tribute Smooth Corner Units

Tribute Smooth Fire Pit Kit

Units	Square
Insert (in.)	24
Colors	36 x 36

Vision, Reflection, Majestic,
Timeless, Enlighten, Allure



ASSEMBLED

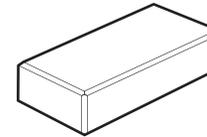


Unity™ Square Fire Pit Kit

Achieve sophistication with our Unity Square Fire Pit Kits. Kits include a 36" x 36" x 11" square steel fire ring. Add to your backyard or next design and you will be ready to relax around your backyard fire with family and friends.



Rectangular
9 x 18 IN
4 HEIGHT
(All sides finish)



PRODUCT NUMBERS

Square Fire Pit Kit using Unity Landscape Block

Requires (1) 36" Square Steel Insert & (3) Unity Landscape Block

36" x 36" Square Steel Insert

007263FPI

Add 30 Unity Landscape Block

Unity Fire Pit Kit

Units	Square
Insert (in.)	30
Colors	36 x 36

Vision, Reflection, Majestic,
Timeless, Enlighten, Allure



Summit Stone® Square Fire Pit Kit

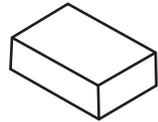
Our popular Summit Stone Landscape Units make great fire features. Square fire pit kits include a 36" x 36" x 11" square steel ring. Circle kits include a 39" diameter steel ring. Top off with a specially designed fire ring cap, and you will be ready to relax around your backyard fire with family and friends.



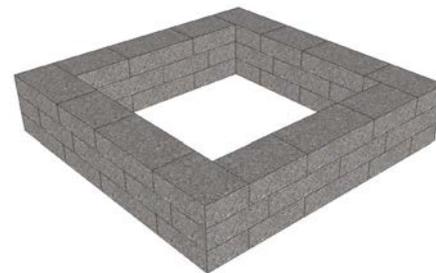
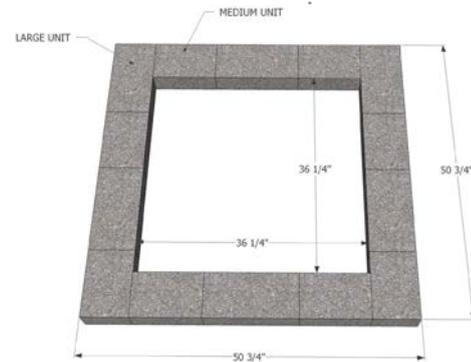
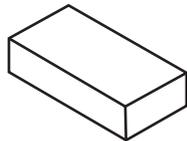
Summit Stone Square Fire Pits

Square Fire Pit	
Medium Units	24
Large Units	18
Insert (in.)	36 x 36
Colors	Vision, Enlighten, Beckon, Majestic, Timeless, Reflection

Medium
7 1/4 x 10 7/8 IN
3 5/8 HEIGHT



Large
7 1/4 x 14 1/2 IN
3 5/8 HEIGHT



Smooth



Tumbled

PRODUCT NUMBERS

Square Fire Pit Kit using Summit Stone

Requires (1) 36" Square Steel Insert and 24 Medium and 18 Large Summit Stone in Smooth or Tumbled Units

36" x 36" Square Steel Insert

007263FPI

Add 24 Medium & 18 Large Units

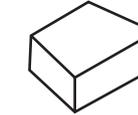
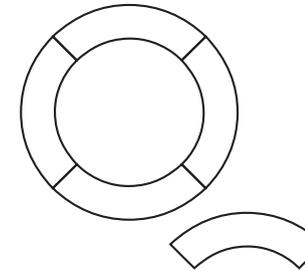
Summit Stone® Circle Fire Pit Kit

Summit Stone Landscape Units make a great fire features. Kits include a 39" diameter steel ring. Top off with a specially designed fire ring cap.



Inside Diameter – 39
Outside Diameter – 57
Height – 2 3/4

Tapered
7 1/4 x 9 7/8 IN
3 5/8 HEIGHT



Summit Stone Circle Fire Pits

Circle Fire Pit	
Tapered Units	51
Insert (in.)	39 Circle
Colors	Vision, Enlighten, Beckon, Majestic, Timeless, Reflection

PRODUCT NUMBERS

Circle Fire Pit Kit using Summit Stone

Requires (1) 39" Circle Steel Insert and 51 Tapered Summit Stone in Smooth or Tumbled Units

39" Circle Steel Insert

0072539

Add 51 Tapered Units



Tumbled



Smooth



Warranty Information for Concrete Hardscape Products

County Materials works continuously to provide value to our customers and enhance our manufacturing capabilities, all while surpassing our high standards of excellence. We manufacture our hardscape products to meet the industry's standards. That is why we back our hardscape products with an exclusive limited Warranty.

PAVER Products Warranty

COUNTY MATERIALS CORPORATION'S CONCRETE PAVERS MEET THE REQUIREMENTS OF APPLICABLE ASTM STANDARD(S). COUNTY MATERIALS WARRANTS ITS CONCRETE PAVERS AGAINST MANUFACTURING DEFECTS FOR THE PERIOD OF YOUR RESIDENTIAL HOME OWNERSHIP. FOR COMMERCIAL PROJECTS, COUNTY MATERIALS WARRANTS ITS CONCRETE PAVERS AGAINST MANUFACTURING DEFECTS FOR 5 YEARS AFTER SUBSTANTIAL COMPLETION OF THE PROJECT. THIS WARRANTY IS NON-TRANSFERABLE. THIS LIMITED WARRANTY DOES NOT APPLY TO DAMAGE CAUSED BY IMPROPER STORAGE, ABRASION, OVERLOADING, OR MISUSE, SUCH AS DELAMINATION, SPLITTING, CHIPPING, OR STAINING. THIS LIMITED WARRANTY APPLIES ONLY IF THE PRODUCTS ARE INSTALLED AS DIRECTED BY THE ICPI (WWW.ICPI.ORG) AND COUNTY MATERIALS' APPLICABLE INSTALLATION GUIDELINES. IMPROPER INSTALLATION VOIDS THIS LIMITED WARRANTY. THE ORIGINAL PROOF OF PURCHASE IS NECESSARY. COLOR MATCHING CANNOT BE GUARANTEED. THE FOREGOING LIMITED WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WRITTEN OR ORAL WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. CUSTOMER'S EXCLUSIVE REMEDY FOR BREACH OF THE ABOVE LIMITED WARRANTY IS LIMITED TO COUNTY MATERIALS REPLACING THE PRODUCTS AT NO COST TO THE ORIGINAL CUSTOMER. COUNTY MATERIALS' LIABILITY FOR BREACH OF THE ABOVE LIMITED WARRANTY SHALL NOT EXCEED THE PRICE OF THE PRODUCTS ACTUALLY RECEIVED BY CUSTOMER AND DOES NOT INCLUDE REPLACEMENT LABOR, CONSEQUENTIAL DAMAGES, OR INCIDENTAL DAMAGES.

Aspect Ratio Disclaimer: County Materials unit pavers "slab(s)" do not meet aspect ratio for vehicular application, as defined by CMHA standards. It is the responsibility and discretion of Buyer, Owner, Contractor, Architect, or Engineer to determine whether these unit pavers "slab(s)" are suitable for the specific project. County Materials recommends consulting with a qualified professional to assess the suitability for the project. County Materials Corporation accepts no responsibility or liability for the use of unit paver "slab(s)" in a vehicular application.

RETAINING WALL Products Warranty

EXCLUSIVE LIMITED WARRANTY: Seller warrants that stock Products, to the extent they are manufactured by Seller, shall be free from manufacturing defects in materials and workmanship and meet the description and specifications established in Seller's published and internal standards (subject to reasonable variance in accordance with normal industry practice) for a period of thirty (30) days from delivery, and all other warranties are expressly disclaimed as described in the capitalized sentence below. Seller may, in its sole discretion, also rely on any generally accepted industry standards. Seller retains the right, however, to change the dimensions, composition, design, performance, color, and appearance of the Products without liability if, in Seller's judgment, the change is non-material. Seller warrants that non-stock Products manufactured by Seller meet only those specifications and standards provided by Buyer for a period of thirty (30) days from delivery, all other warranties are expressly disclaimed as described in the capitalized sentence below, and Buyer understands that that harmful cracking or other damage may occur if the Product specifications are not properly designed. Seller does not warranty any portion of Products not manufactured by Seller but Seller shall assign to Buyer, upon request, all assignable warranties of Seller's suppliers related to such Products. Acceptance by Buyer of the Products constitutes confirmation that Products meet the description set forth above. THE FOREGOING WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WRITTEN OR ORAL WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY, WHETHER EXPRESS OR IMPLIED BY LAW, INCLUDING THE UNIFORM COMMERCIAL CODE AS ENACTED IN THE STATE OF WISCONSIN OR ELSEWHERE. This limited warranty only applies if the Products have not been subjected to misuse, negligence, or accident and have not been unloaded, stored, installed, maintained, altered, or repaired in any manner that, in the Seller's judgment, adversely affects the condition or operation of the Products. Further, the foregoing limited warranty and the exclusive remedy below run only in favor of the original Buyer and may not be assigned or otherwise transferred.

EXCLUSIVE REMEDY: For any loss or damage arising out of supplying Products to Buyer, or the sale, operation, or use of the Products—whether such claim is based in contract, warranty, tort (including negligence) or other grounds—BUYER'S EXCLUSIVE REMEDY IS LIMITED, at Seller's sole discretion, to either: (1) refund by the Seller of the purchase price for any non-conforming Products sold hereunder; or (2) the repair or replacement of any non-conforming Products. UNDER THIS EXCLUSIVE REMEDY, BUYER SHALL NOT RECOVER ANY OTHER COSTS FROM THE SELLER, including but not limited to the costs for: return of non-conforming Products, delivery of replacement Products, removal of non-conforming Products, reinstallation of replacement Products (or products purchased to replace any non-conforming Products), and/or any labor charges incurred related to the Products. NO OTHER REMEDY SHALL BE AVAILABLE TO BUYER. ANY CLAIM FOR INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES for lost profits, lost sales, injury to property, or any other incidental or consequential loss IS THEREFORE BARRED PURSUANT TO THE TERMS OF THIS EXCLUSIVE REMEDY. Seller will not be liable for any failure of Products to conform to the Exclusive Limited Warranty above caused by the unloading, storage, installation, or maintenance of the Products, or use of other products/materials in conjunction with the Products that negatively impact the Product or otherwise do not conform with industry standards. The above limitations do not include damages related to personal injury.

TECHNICAL DATA

Color Selection

Colors shown may vary from actual hues and should only be used as a guide. Refer to actual product samples for final color selection. Because concrete products are manufactured with high quality, naturally-mined aggregates and materials, variations in color or shading should be expected in products that are manufactured at different times and in units having different shapes. This color or shading variation is acceptable in the industry. County Materials recommends immediately verifying the product and color upon receipt, and prior to opening pallets. For any discrepancies, contact your local County Materials representative before installation. Use of product constitutes acceptance.

Proper Color Distribution and Installation Techniques

Color of concrete products may vary significantly between production lots. Install concrete units from several pallets to ensure distribution of color. The contractor must install concrete units in accordance with the landscape industry's best practices according to ICPI and NCMA Standard Specifications and the manufacturer's instructions. County Materials is not liable or responsible for loss or damage resulting from improper use, handling or failure to follow installation instructions. Follow all applicable warnings, advisories, and instructions.

Efflorescence

Efflorescence are deposits of soluble salts and bases, usually white in color, which may appear on the surfaces of masonry or concrete construction. Although it may be an aesthetic concern, efflorescence will not affect structural performance. It's not uncommon for efflorescence to be more easily perceived in darker colors.

Although efflorescence cannot be prevented, over time it will wash off or it can be cleaned with an industry cleaner. County Materials accepts no responsibility or liability for the occurrence of efflorescence.

Joint Material

There are many different jointing materials specific to application requirements and desired results. Options range from natural sand as specified in ASTM C144 to polymeric sand options. If a polymeric sand is selected, County Materials recommends choosing a product which is void of Portland, Fly Ash and Crushed Limestone (which are ingredients that cause hazing). Joint material should be completely removed from the surface of the pavers.

Use of joint material must comply with all instructions provided by the joint material manufacturer, and the joint material method must be performed on a separate mock-up sample not less than 7 feet by 7 feet prior to Buyer approval. County Materials accepts no responsibility or liability for the use of joint material with our concrete pavers and slabs.

Polymeric Haze

Polymeric haze from the use of polymeric joint sand may appear on concrete paver products if the sand was not installed properly or removed from the surface of the pavers properly. This does not, in any way, compromise the functionality or the structural integrity of the product or your installation. The hazing will weather away naturally with time and rain. Polymeric haze may be removed with an industry cleaner. County Materials accepts no responsibility or liability for the use of polymeric sand with our concrete pavers or any occurrence of polymeric haze or other undesired result.

Washing Guidelines

Seasonal maintenance is recommended for all County Materials pavers and slabs. General washing guidelines are provided for the following: organic stains, including fruit, soil and leaf residue, algae and moss stains, and efflorescence. Wash with a hose and stiff broom. Water pressure should be comparable to the average pressure from a home watering hose.

Cleaning Agents

Concrete cleaning agents are not required but are an option for all County Materials pavers and slabs. There are many different cleaning agents specific to application requirements and desired results. Use of the cleaning agent must comply with all instructions provided by the cleaning agent manufacturer, and the cleaning agent method must be performed on a separate mock-up sample not less than 7 feet by 7 feet prior to Buyer approval. County Materials accepts no responsibility or liability for the use of cleaning agents on our pavers and slabs.

Sealers

A concrete sealer application is not required on County Materials pavers and slabs but is an option. There are many different sealing agents specific to application requirements and desired results. Use of the sealing agent must comply with all instructions provided by the sealing agent manufacturer, and the sealing agent method must be performed on a separate mock-up panel not less than 7 feet by 7 feet prior to Buyer approval. County Materials accepts no responsibility or liability for the use of sealers on our pavers and slabs.

Slip Resistance and Ice Removal

Sand is the only material recommended to improve slip resistance on concrete product surfaces. Avoid the use of deicers and fertilizers which contain the following chemicals or compounds: Sodium chloride (NaCl "Rock Salt"), Calcium chloride (CaCl₂), Magnesium chloride (MgCl₂), Ammonium nitrate (NH₄NO₃), Ammonium sulfate (NH₄SO₄) or Urea. Use of these chemicals may be harmful to concrete products, especially when used in excess. County Materials accepts no responsibility or liability for the use of deicers on our pavers and slabs.

Construction Residue

A possible by-product of cutting concrete units during installation with a saw is residue-filled water or concrete dust. Residue-filled water or re-hydrated dust can cling to the surface of units and leave a concrete stain. It is recommended to wash and remove the water or concrete dust from the surface of the paver or slabs before it dries. Construction residue can also happen through soil disturbance or environmental elements. These contaminants should be removed immediately; they do not compromise the functionality or the structural integrity of the product or your installation. County Materials accepts no responsibility or liability for the occurrence of construction residue or concrete stains.

Compactor and Snow Removal Equipment

Textured paver and patio stone surfaces require a buffer between the plate compactor and the paver surface to prevent scuffing. Refer to County Materials' Interlocking Concrete Paver or Slab Installation Guidelines. Also, snow removal equipment should have the proper spacing, bumper, and rubber blade guards to protect the surface of the pavers. County Materials accepts no responsibility or liability for damage caused by the use of compaction or snow removal equipment that may leave scuffs, burns or other markings on pavers and slabs.

Care & Maintenance | Interlocking Concrete Pavers & Slabs

Color Selection

Colors shown may vary from actual hues and should only be used as a guide. Refer to actual product samples for final color selection. Because concrete products are manufactured with high quality, naturally-mined aggregates and materials, variations in color or shading should be expected in products that are manufactured at different times and in units having different shapes. This color or shading variation is acceptable in the industry. County Materials recommends immediately verifying the product and color upon receipt, and prior to opening pallets. For any discrepancies, contact your local County Materials representative before installation. Use of product constitutes acceptance.

Proper Color Distribution and Installation Techniques

Color of concrete products may vary significantly between production lots. Install concrete units from several pallets to ensure distribution of color. The contractor must install concrete units in accordance with the landscape industry's best practices according to ICPI and NCMA Standard Specifications and the manufacturer's instructions. County Materials is not liable or responsible for loss or damage resulting from improper use, handling or failure to follow installation instructions. Follow all applicable warnings, advisories, and instructions.

Efflorescence

Efflorescence is a naturally occurring process in all concrete products which may appear in the form of a white powdery film on the unit's surface. Efflorescence may be more perceivable in darker colors. It does not, in any way, compromise the functionality or the structural integrity of the product or your installation. Although efflorescence cannot be prevented, it will wash off over time or it can be cleaned with an industry cleaner. County Materials accepts no responsibility or liability for the occurrence of efflorescence.

Washing Guidelines

Seasonal maintenance is recommended for all County Materials' landscape products. General washing guidelines are provided for the following: organic stains, including fruit, soil and leaf residue, algae and moss stains, and efflorescence. For efflorescence stains, wash with a hose and stiff broom.

Cleaning Agents

Concrete cleaning agents are not required but are an option for all County Materials' Interlocking Pavers and Slabs. There are many different cleaning agents specific to application requirements and desired results. Use of the cleaning agent must comply with all instructions provided by the cleaning agent manufacturer, and the cleaning agent method must be performed on a separate mock-up sample not less than 7 feet by 7 feet prior to Buyer approval. County Materials accepts no responsibility or liability for the use of cleaning agents on our Interlocking Pavers and Slabs.

Construction Residue

A possible by-product of cutting concrete units during installation with a saw is residue-filled water or concrete dust. Residue-filled water or re-hydrated dust can cling to the surface of units and leave a concrete stain. It is recommended to wash and remove the water or concrete dust from the surface of the pavers before it dries. Construction residue can also happen through soil disturbance or environmental elements. These contaminants should be removed immediately; they do not compromise the functionality or the structural integrity of the product or your installation. County Materials accepts no responsibility or liability for the occurrence of construction residue or concrete stains.

Sealing

Concrete sealers, though not required, may minimize damage from deicing chemicals, prevent staining and enhance the color. If you choose to use a sealer, it is recommended to use a penetrating sealer which is breathable. Consult a County Materials' sales representative for complete sealing instructions. County Materials Corporation accepts no responsibility or liability for the use of sealing agent of on our Interlocking Pavers & Slabs.

Slip Resistance & Ice Removal

Sand is the only material recommended to improve slip resistance on concrete product surfaces. Avoid the use of deicers and fertilizers which contain the following chemicals or compounds: Sodium chloride (NaCl "Rock Salt"), Calcium chloride (CaCl₂), Magnesium chloride (MgCl₂), Ammonium nitrate (NH₄NO₃), Ammonium sulfate (NH₄SO₄) or Urea. Use of these chemicals may be harmful to concrete products, especially when used in excess. County Materials Corporation accepts no responsibility or liability for the use of slip resistant products.

Delivery & Storage

Buyer(s) of Interlocking Concrete Pavers & Slabs manufactured by County Materials Corporation shall inspect the material within 48 hours of receipt (the "Inspection Period") to ensure that the style, color, etc., comply with the specifications, and that the material is not damaged or defective. The buyer(s) will be deemed to have accepted the material unless it notifies County Materials Corporation in writing of any non-conforming material during the Inspection Period and furnishes such written evidence or other documentation as required by County Materials Corporation. Material that does not meet the specifications, is defective, or is damaged should not be used for construction.

Once the material is delivered, the buyer(s) is solely responsible for protecting the material from damage, including from snow, excessive mud, wet concrete or any agent that will bond to or damage the material. County Materials Corporation is not responsible for any damage to the material that occurs after delivery.

Reference Only – Landscape Products Specification Guide

This Guide, provided at no cost by County Materials Corporation, is intended to serve only as an informational resource for buyer(s) of Interlocking Concrete Pavers & Slabs manufactured by County Materials Corporation. Every effort has been made to ensure the accuracy of the information presented in this Installation Guide. However, this Guide is provided for reference only and is not a substitute for and does not replace the need for registered professional engineering design and experienced contractor installation. Actual site conditions may vary significantly from those presented in the estimating tables herein. County Materials Corporation strongly urges buyer(s) to exercise diligence and care in the selection, design, installation and use of any construction materials. Review Tech Data Sheets, Care and Maintenance, ICPI and NCMA industry association best practice instructions before starting and/or Buyer approval of Landscape projects. The final determination of the suitability of any information contained in this Installation Guide is the sole responsibility of material buyer(s).

DISCLAIMER OF LIABILITY

COUNTY MATERIALS CORPORATION DISCLAIMS ANY AND ALL LIABILITY FOR DAMAGES OR LOSSES OF ANY KIND OR NATURE TO PERSON(S) OR PROPERTY, INCLUDING, BUT NOT LIMITED TO, DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, ATTORNEYS' FEES OR COSTS, ARISING OUT OF OR RELATED TO THE USE OF THIS INSTALLATION GUIDE, INCLUDING, BUT NOT LIMITED TO ANY WORK THAT MAY BE PERFORMED BY ANY CONTRACTORS OR INSTALLERS.

WAIVER OF CLAIMS AND AGREEMENT TO HOLD HARMLESS

BY USING THIS INSTALLATION GUIDE, YOU AGREE TO WAIVE ANY AND ALL CLAIMS AGAINST COUNTY MATERIALS CORPORATION, ITS OFFICERS, DIRECTORS, EMPLOYEES, VOLUNTEERS, REPRESENTATIVES, AND AFFILIATES, AND HOLD THEM HARMLESS FOR ANY DAMAGES OR LOSSES OF ANY KIND TO PERSON(S) OR PROPERTY, INCLUDING, BUT NOT LIMITED TO, DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES ARISING OUT OF OR RELATED TO THE USE OF THIS INSTALLATION GUIDE, INCLUDING BUT NOT LIMITED TO THE SELECTION, DESIGN, INSTALLATION OR USE OF ANY MATERIALS, PRODUCTS, STRUCTURES, COMPONENTS OR ASSEMBLIES.

Purchaser is responsible for proper use, handling, maintenance and installation of product as determined by the manufacturer and industry standards. Product has a fitness for a particular purpose. Use and/or application of product not intended by the manufacturer and not in compliance with industry standards is not recommended. Use and/or installation and application are the sole responsibility of the purchaser.

Care & Maintenance | Garden and Retaining Walls

Color Selection

Colors shown may vary from actual hues and should only be used as a guide. Refer to actual product samples for final color selection. Because concrete products are manufactured with high quality, naturally-mined aggregates and materials, variations in color or shading should be expected in products that are manufactured at different times and in units having different shapes. This color or shading variation is acceptable in the industry. County Materials recommends immediately verifying the product and color upon receipt, and prior to opening pallets. For any discrepancies, contact your local County Materials representative before installation. Use of product constitutes acceptance.

Proper Color Distribution and Installation Techniques

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Efflorescence

Efflorescence is a naturally occurring process in all concrete products which may appear in the form of a white powdery film on the unit's surface. Efflorescence may be more perceivable in darker colors. It does not, in any way, compromise the functionality or the structural integrity of the product or your installation. Although efflorescence cannot be prevented, it will wash off over time or it can be cleaned with an industry cleaner. County Materials accepts no responsibility or liability for the occurrence of efflorescence.

Washing Guidelines

Seasonal maintenance is recommended for all County Materials' landscape products. General washing guidelines are provided for the following: organic stains, including fruit, soil and leaf residue, algae and moss stains, and efflorescence. For efflorescence stains, wash with a hose and stiff broom.

Cleaning Agents

Concrete cleaning agents are not required but are an option for all County Materials' retaining wall units. There are many different cleaning agents specific to application requirements and desired results. Use of the cleaning agent must comply with all instructions provided by the cleaning agent manufacturer, and the cleaning agent method must be performed on a separate mock-up sample not less than 7 feet by 7 feet prior to Buyer approval. County Materials accepts no responsibility or liability for the use of cleaning agents on our retaining wall units.

Construction Residue

A possible by-product of cutting concrete units during installation with a saw is residue-filled water or concrete dust. Residue-filled water or re-hydrated dust can cling to the surface of units and leave a concrete stain. It is recommended to wash and remove the water or concrete dust from the surface of the garden and retaining walls before it dries. Construction residue can also happen through soil disturbance or environmental elements. These contaminants should be removed immediately; they do not compromise the functionality or the structural integrity of the product or your installation. County Materials accepts no responsibility or liability for the occurrence of construction residue or concrete stains.

Slip Resistance & Ice Removal

Sand is the only material recommended to improve slip resistance on concrete product surfaces. Avoid the use of deicers and fertilizers which contain the following chemicals or compounds: Sodium chloride (NaCl "Rock Salt"), Calcium chloride (CaCl₂), Magnesium chloride (MgCl₂), Ammonium nitrate (NH₄NO₃), Ammonium sulfate (NH₄SO₄) or Urea. Use of these chemicals may be harmful to concrete products, especially when used in excess. County Materials Corporation accepts no responsibility or liability for the use of slip resistant products.

Delivery & Storage

Buyer(s) of retaining wall systems manufactured by County Materials Corporation shall inspect the material within 48 hours of receipt (the "Inspection Period") to ensure that the style, color, etc., comply with the specifications, and that the material is not damaged or defective. The buyer(s) will be deemed to have accepted the material unless it notifies County Materials Corporation in writing of any non-conforming material during the Inspection Period and furnishes such written evidence or other documentation as required by County Materials Corporation. Material that does not meet the specifications, is defective, or is damaged should not be used for construction.

Once the material is delivered, the buyer(s) is solely responsible for protecting the material from damage, including from snow, excessive mud, wet concrete or any agent that will bond to or damage the material. County Materials Corporation is not responsible for any damage to the material that occurs after delivery.

For Reference Only – Landscape Products Specifications Guide

This Guide, provided at no cost by County Materials Corporation, is intended to serve only as an informational resource for buyer(s) of retaining wall systems manufactured by County Materials Corporation. Every effort has been made to ensure the accuracy of the information presented in this Guide. However, this Guide is provided for reference only and is not a substitute for and does not replace the need for registered professional engineering design and experienced contractor installation. Actual site conditions may vary significantly

from those presented in the estimating tables herein. County Materials Corporation strongly urges buyer(s) to exercise diligence and care in the selection, design, installation and use of any construction materials. Review Tech Data Sheets, Care and Maintenance, ICPI and NCMA industry association best practice instructions before starting and/or Buyer approval of Landscape projects. The final determination of the suitability of any information contained in this Installation Guide is the sole responsibility of material buyer(s).

DISCLAIMER OF LIABILITY

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WAIVER OF CLAIMS AND AGREEMENT TO HOLD HARMLESS

BY USING THIS INSTALLATION GUIDE, YOU AGREE TO WAIVE ANY AND ALL CLAIMS AGAINST COUNTY MATERIALS CORPORATION, ITS OFFICERS, DIRECTORS, EMPLOYEES, VOLUNTEERS, REPRESENTATIVES, AND AFFILIATES, AND HOLD THEM HARMLESS FOR ANY DAMAGES OR LOSSES OF ANY KIND TO PERSON(S) OR PROPERTY, INCLUDING, BUT NOT LIMITED TO, DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES ARISING OUT OF OR RELATED TO THE USE OF THIS INSTALLATION GUIDE, INCLUDING BUT NOT LIMITED TO THE SELECTION, DESIGN, INSTALLATION OR USE OF ANY MATERIALS, PRODUCTS, STRUCTURES, COMPONENTS OR ASSEMBLIES.

Purchaser is responsible for proper use, handling, maintenance and installation of product as determined by the manufacturer and industry standards. Product has a fitness for a particular purpose. Use and/or application of product not intended by the manufacturer and not in compliance with industry standards is not recommended. Use and/or installation and application are the sole responsibility of the purchaser.



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