



SPECIFICATIONS GUIDE

Pavers, Retaining Walls, Outdoor Living & Landscape Accessories

Vol. 80

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



SCAN
for full product offerings

Wall Systems

Retaining Walls, Freestanding Walls, Landscape Units, Wall & Pillar Caps

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A Legacy of **LEADERSHIP**

At County Materials, we have 80 years of experience creating concrete products that are engineered to last and designed to inspire. We've listened closely to our loyal customers to understand your needs and develop quality products that provide creative solutions.



1940s

**Sonnentag
Concrete
& Gravel**

Founded in 1946 as
a concrete block and
aggregate producer

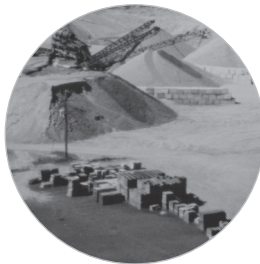


**1950s
& 60s**



**COUNTY
CONCRETE
CORPORATION**

Incorporated and renamed
in 1967 to County Concrete
Corporation



1970s

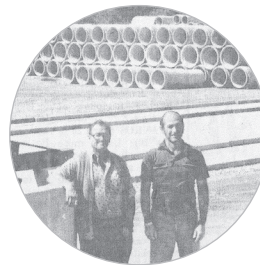
Supplied ready-mix,
excavation services, and
precast concrete products



1990s

**COUNTY
CONCRETE**
CORPORATION.

Began manufacturing
prestressed bridge
girders and serving large
commercial markets



1980s

Started manufacturing
concrete pipe

Our versatile and innovative products set the standard for durability, design flexibility, and ease of installation. Because of our commitment to innovation, you can be sure that you will always receive the highest quality products and services tailored specifically to your requirements.

Our concrete landscape products for residential and commercial applications are made right here in the U.S.A. by our talented and experienced team.

"From versatile and easy-to-install wall systems to vibrant and enduring pavers, we know concrete. The innovation and ambition that has fueled our growth over eight decades continues to set us apart as a leader in concrete landscape products."

— **Tim Sonnentag**
OWNER, COUNTY MATERIALS CORPORATION



2026

The County Materials' Family of Companies celebrates 80 years in business and is committed to setting the pace for the construction and landscape industries with bold solutions that help build the communities where Americans live, work, and play.



2010s

Expanded into high-performance bridge beams, concrete landscape and masonry products, and insulated wall panels



2020s



Grew to include County Prestress & Precast, LLC and County Ready Mix Corporation, began production of precast elevator and stair shafts, security walls, and precast specialty products, and launched a factory-sealed paver line

**Proud to be American based
and American made since 1946**



2000s



Added hollowcore and precast construction products and renamed County Materials Corporation in 2003



INTRODUCING **SENTINEL** SEALED TECHNOLOGY



SENTINEL
SEALED TECHNOLOGY™

The Next Generation of Concrete Pavers

Setting the standard in durability and surface defense, Sentinel Sealed Technology™ combines modern engineering with time-tested European innovation. Achieve maximum stain resistance, surface protection, and long-lasting color. Unlike field-applied sealers or single-layer primers, County Materials has crafted a hybrid paver manufacturing system that bonds two protective layers—a factory-applied penetrating primer and sealer—to the pavers' surface. The result is an ultra-smooth finish and refined texture—an ideal solution for pool decks, patios, and other barefoot-friendly spaces. Sentinel integrates concrete's inherent durability with an engineered protective seal designed to withstand life's greatest moments and inevitable messes.





sealed paver **COMPARISON** guide

GOOD:

Field-Applied Surface Sealer

- Basic stain resistance
- Enhanced color
- Finish options: Matte or Gloss
- UV protection

BETTER:

Factory-Applied Penetrating Primer

- Improved stain resistance
- Enhanced color
- UV protection
- Reduced risk of efflorescence
- Protects against deicing salts

BEST:

Factory-Applied Penetrating Primer + Surface Sealer

- Hybrid System: Bonds two protective layers to the surface
- Maximum stain resistance — Resists mud, dirt, grease & oil, red wine, and more
- Surface protection
- Deeper, richer, long-lasting color
- Ultra-smooth finish — Ideal for pool decks, patios, and other barefoot-friendly spaces
- UV protection
- Slip resistance
- Fade resistance
- Reduced efflorescence and poly-haze
- Protects against deicing salts
- Sustainable strength



LEARN MORE
about our Technologies



SENTINEL
SEALED TECHNOLOGY™

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

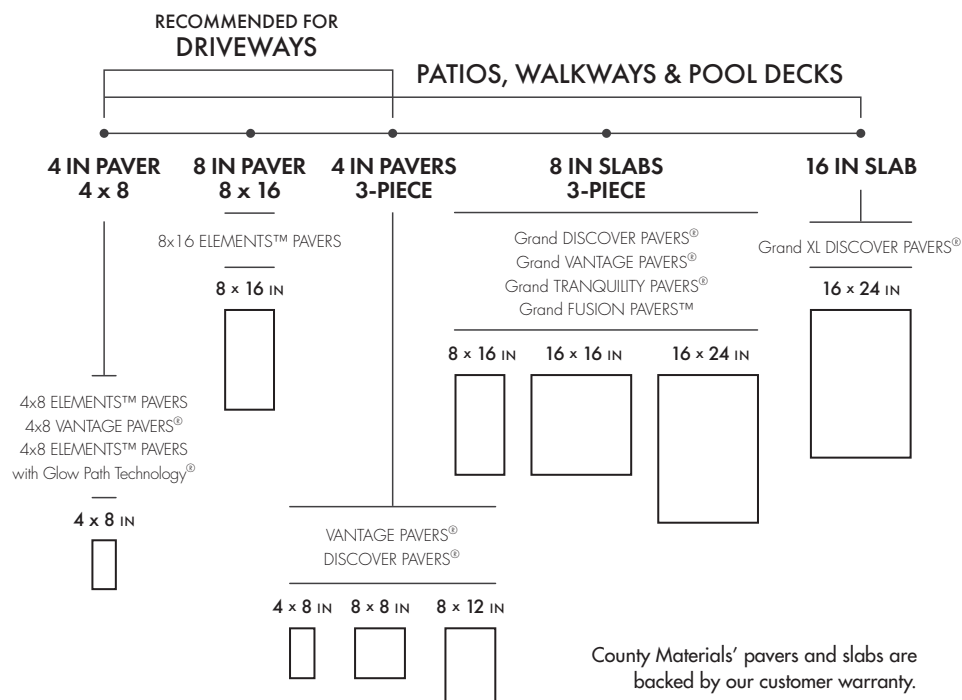


DIMENSIONALLY COMPATIBLE PAVERS



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. Our dimensionally compatible family of pavers are manufactured in four-inch increments for effortless integration—maximizing installation efficiencies and enhancing overall aesthetics. Explore how our dimensionally compatible pavers can be combined to create a range of styles—from modern monochromatic to rustic charm.



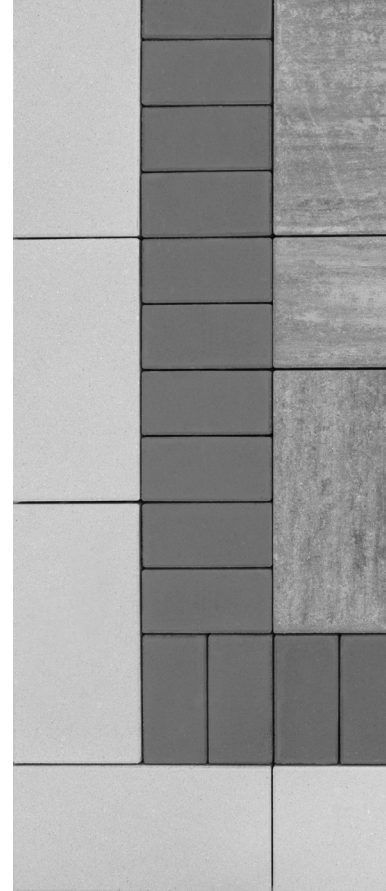
GENESIS

FACE-MIX TECHNOLOGY

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.



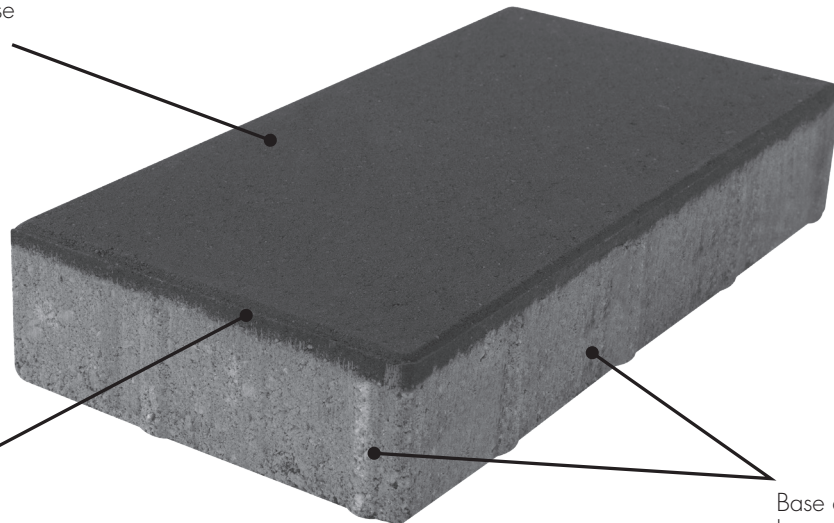
GENESIS
FACE-MIX TECHNOLOGY®



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.

Column 1 = Estimated Feet, Column 2 = Estimated Inches, Column 3 = Number of Units, Column 4 = Actual Inches, Column 5 = Actual Feet

EST FT	EST IN	MULTI X	ACTUAL IN	ACTUAL FT
.5	6	1	7 7/8	.65625
1	12	2	15 3/4	1.3125
2	24	3	23 5/8	1.96875
2.5	30	4	31 1/2	2.625
3	36	5	39 3/8	3.28125
4	48	6	47 1/4	3.9375
4.5	54	7	55 1/8	4.59375
5	60	8	63	5.25
6	72	9	70 7/8	5.90625
6.5	78	10	78 3/4	6.5625
7	84	11	86 5/8	7.21875
8	96	12	94 1/2	7.875
8.5	102	13	102 3/8	8.53125
9	108	14	110 1/4	9.1875
10	120	15	118 1/8	9.84375
10.5	126	16	126	10.5
11	132	17	133 7/8	11.15625
12	144	18	141 3/4	11.8125
12.5	150	19	149 5/8	12.46875
13	156	20	157 1/2	13.125
14	168	21	165 3/8	13.78125
14.5	174	22	173 1/4	14.4375
15	180	23	181 1/8	15.09375
16	192	24	189	15.75
16.5	198	25	196 7/8	16.40625
17	204	26	204 3/4	17.025
18	216	27	212 5/8	17.71875
18.5	222	28	220 1/2	18.375
19	228	29	228 3/8	19.03125
19.5	234	30	236 1/4	19.6875
20	240	31	244 1/8	20.34375
21	252	32	252	21
21.5	258	33	259 7/8	21.65625
22	264	34	267 3/4	22.3125
23	276	35	275 5/8	22.96875
23.5	282	36	283 1/2	23.625
24	288	37	291 3/8	24.28125
25	300	38	299 1/4	24.9375
25.5	306	39	307 1/8	25.59375

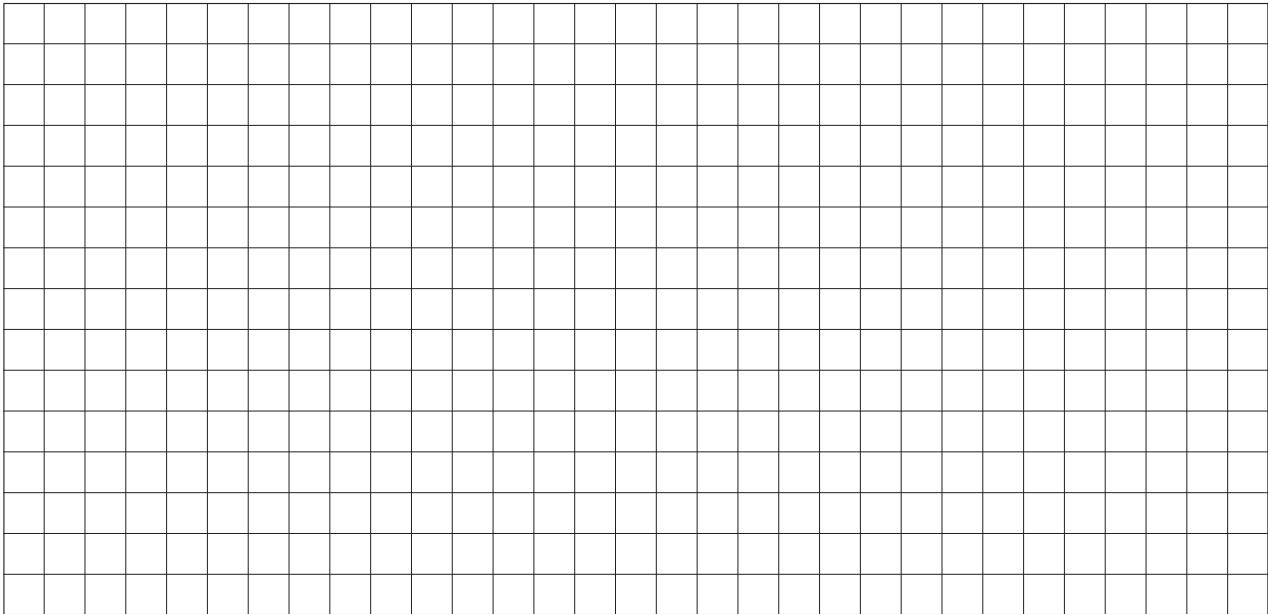
EST FT	EST IN	MULTI X	ACTUAL IN	ACTUAL FT
26	312	40	315	26.25
27	324	41	322 7/8	26.90625
27.5	330	42	330 3/4	27.5625
28	336	43	338 5/8	28.21875
29	348	44	346 1/2	28.875
29.5	354	45	354 3/8	29.53125
30	360	46	362 1/4	30.1875
31	372	47	370 1/8	30.84375
31.5	378	48	378	31.5
32	384	49	385 7/8	32.15625
33	396	50	393 3/4	32.8125
33.5	402	51	401 5/8	33.46875
34	408	52	409 1/2	34.125
35	420	53	417 3/8	34.78125
35.5	426	54	425 1/4	35.4375
36	432	55	433 1/8	36.09375
37	444	56	441	36.75
37.5	450	57	448 7/8	37.40625
38	456	58	456 3/4	38.0625
39	468	59	464 5/8	38.71875
39.5	474	60	472 1/2	39.375
40	480	61	480 3/8	40.03125
40.5	486	62	488 1/4	40.6875
41	492	63	496 1/8	41.34375
42	504	64	504	42
42.5	510	65	511 7/8	42.65625
43.5	522	66	519 3/4	43.3125
44	528	67	527 5/8	43.96875
44.5	534	68	525 1/2	44.625
45	540	69	543 3/8	45.28125
46	552	70	551.25	45.9375
46.5	558	71	559.125	46.59375
47	564	72	567	47.25
48	576	73	574 7/8	47.90625
48.5	582	74	582 3/4	48.5625
49	588	75	590.625	49.21875
50	600	76	598 1/2	49.875
50.5	606	77	606 3/8	50.53125
51	612	78	614 1/4	51.1875

Patio Paver Conversion Chart

10 x 20 Patio Example

$20 \text{ (est. ft. / 240 est. in.)} = 31 \text{ units} = 244 \frac{1}{8} \text{ (act. in.)} / 20.34375 \text{ (act. ft)}$

$10 \text{ (est. ft.)} / 120 \text{ (est. in.)} = 15 \text{ units} = 118 \frac{1}{8} \text{ (act. in.)} / 9.84375 \text{ (act. ft.)}$



Equation Formulas

- $x(\text{ft}) \times 12 = x(\text{in})$
- $7 \frac{7}{8} = 1 \text{ unit}$
- $x(\text{in}) \div 7 \frac{7}{8} = x(\text{units})$
- $x(\text{units}) \times 7 \frac{7}{8} = \text{unit (in)}$
- $\text{unit (in)} \div 12 = \text{unit (ft)}$

Solve for 10x20 patio

10ft Conversion

- $10 \text{ ft} \times 12 \text{ in} = 120 \text{ inch}$
- $120 \text{ in} \div 7 \frac{7}{8} \text{ in} = 15.23 \text{ units}$
- $15 \text{ units} \times 7 \frac{7}{8} = 118.125 \text{ in}$
- $118.125 \div 12 \text{ in} = 9.84375 \text{ in}$

20ft Conversion

- $20 \text{ ft} \times 12 \text{ in} = 240 \text{ inch}$
- $240 \text{ in} \div 7 \frac{7}{8} \text{ in} = 30.47 \text{ units}$
- $31 \text{ units} \times 7 \frac{7}{8} = 244.125 \text{ in}$
- $244.125 \div 12 \text{ in} = 20.34375 \text{ in}$

Answer:

- 10 (est. ft) x 20 (est. ft)
- 9.84375 (act. ft.) x 20.34375 (act. ft)
- 15 units x 31 units

Installation Guidelines | INTERLOCKING CONCRETE PAVERS



County Materials provides general construction guidelines to design professionals and installers of interlocking concrete pavers. For additional installation information, reference the Concrete Masonry and Hardscapes Association (CMHA) Tech Spec Technical Bulletins.

Excavation

- A) 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.
- B) 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.
- C) The width of your base behind your edge should be equivalent to the thickness of the base.
- D) 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

- A) 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.
- B) 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.
- C) Base tolerance $\pm 3/8"$ (10 mm) for every 10' (3-m) increment.

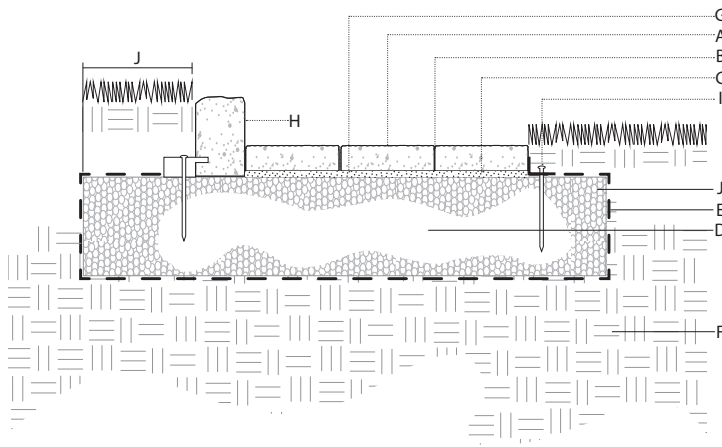
The Setting Bed

- A) 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.
- B) 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



CMHA Guide



- A County Materials Concrete Paving Stones (ASTM C936). Paver surface pitch for positive drainage (minimum 2%. 1/4"/ft, [6mm/300mm])
- B Sand joint material (ASTM C144)
- C Sand setting bed: 1" (25mm) before compaction (ASTM C33)
- D Base stone depth varies with soil type, climate, load and water table
- E Geotextiles
- F Subgrade soil; classified and properly graded
- G Geotextile strip to prevent downward sand migration
- H Edge restraint
- I Edge restraint (PVC, aluminum) anchored to base stone
- J Base stone extends beyond edge of pavement to a minimum of 6" (150 mm) or equal to depth of base stone

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

- A) 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.
- B) 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 CMHA 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.
- C) 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.
- D) 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 Concrete Masonry and Hardscapes Association (CMHA) Tech Spec Technical Bulletins.

Excavation

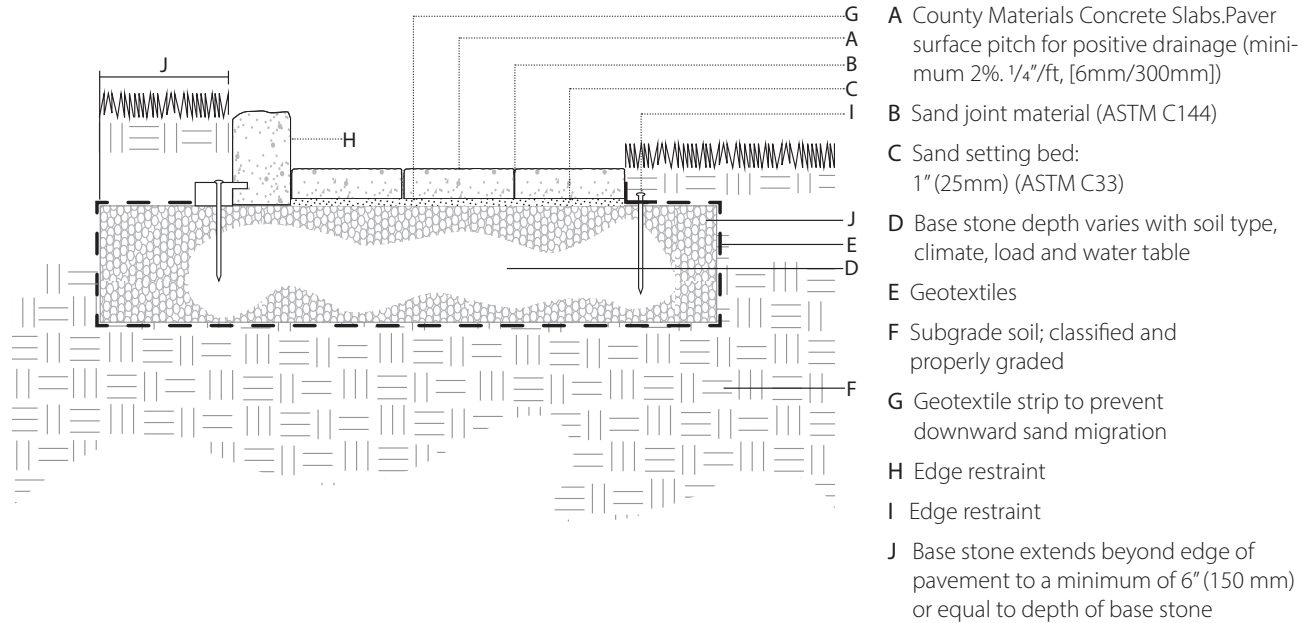
- A) Before excavating, call all local utility companies (e.g., phone, gas, electrical) to ensure that the area in which you plan to dig is clear of underground cables or wires. If any are found, please notify the appropriate companies before you continue.
- B) When excavating, it is important to achieve a slope in increments of $\frac{3}{16}$ " per ft. (5 mm per 300 mm) which will allow for proper drainage. The excavation should mirror final grade of pavement.
- C) The width of your base behind your edge should be equivalent to the thickness of the base.
- D) 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- $\frac{3}{4}$ " [0-20 mm] crushed stone).

Base Material

- A) Install your 0- $\frac{3}{4}$ " (0-20 mm) crushed stone base, in 4" (100 mm) lifts with a (minimum 5000 lbs [22 kN] vibrating plate) compactor.
- B) 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.
- C) Base tolerance $\pm \frac{3}{8}$ " (10 mm) for every 10' (3-m) increment.

The Setting Bed

- A) 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.
- B) Once the setting bed is graded, pre-compact with a hand tamper, then lightly fluff.



CONCRETE SLAB INSTALLATION

Typical cross section

Installation of Paving Stones

- A) 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.
- B) 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.
- C) 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.
- D) Once you finish installing your slabs, you can install the specified edge restraint.

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

PAVERS, SLABS & PERMEABLE

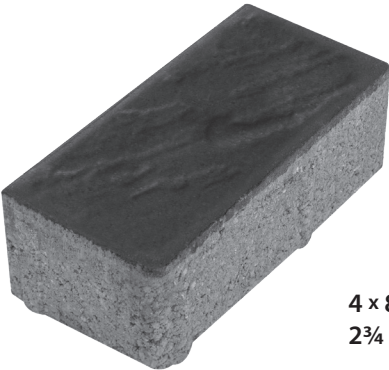
- | | | | |
|----|---------------------------|----|---------------------|
| 19 | 4X8 VANTAGE PAVERS® | 38 | DESTINATION PAVERS® |
| 20 | VANTAGE PAVERS® | 40 | INFLUENCE PAVERS® |
| 21 | Grand VANTAGE PAVERS® | 42 | ESSENCE® PAVERS |
| 24 | DISCOVER PAVERS® | 43 | SKYLANDS™ PAVERS |
| 25 | GRAND DISCOVER PAVERS® | 48 | H2O PRO PAVERS® |
| 26 | GRAND XL DISCOVER PAVERS® | 52 | REJUVENATE® PAVERS |
| 28 | GRAND TRANQUILITY PAVERS® | | |
| 30 | GRAND FUSION PAVERS™ | | |
| 32 | ELEMENTS™ PAVERS | | |
| 36 | GLOW PATH TECHNOLOGY® | | |

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
4X8 VANTAGE PAVERS® (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 REVERENCE PAVERS™ (70mm)		•		•	3 pc Combo	Stocked
Grand FUSION PAVERS™ (70mm)		•		•	3 pc Combo	Stocked
Grand TRANQUILITY PAVERS®		•		•	3 pc Combo	Stocked
ELEMENTS™ PAVERS - 4x8 (70mm)	•	•	•	•	Individual sizes palletized separately	Stocked
ELEMENTS™ PAVERS - 8x16 (70mm)	•	•	•	•	Individual sizes palletized separately	Stocked
LEGACY PAVERS™ (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	Special Order
ESSENCE® PAVERS (80mm)	•	•	•	•	5 pc Combo	Special Order
SKYLANDS™ PAVERS (51mm)		•		•	Individually palletized	Special Order
Permeable Pavers						
H2O PRO PAVERS® - Unit A (80mm)	•	•	•	•	Individual sizes palletized separately	Stocked
REJUVENATE® PAVERS (80mm)	•	•	•	•	Individually palletized	Special Order

4x8 VANTAGE PAVERS

4x8 VANTAGE PAVERS® featuring the same surface texture as the VANTAGE PAVERS® 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.

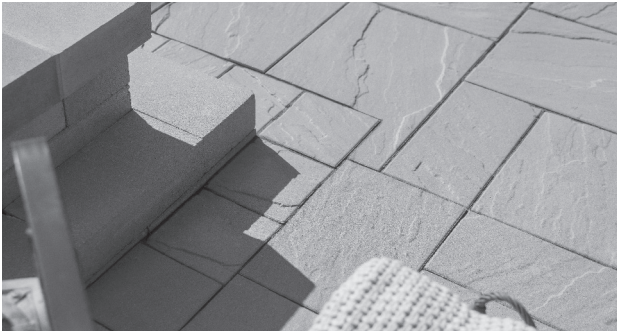


4 x 8 IN
2¾ HEIGHT



PRODUCT NUMBERS

Texture Finish	
Beckon	0070372V4
Vision	0070374V4
Majestic	0070363V4
Timeless	0070365V4



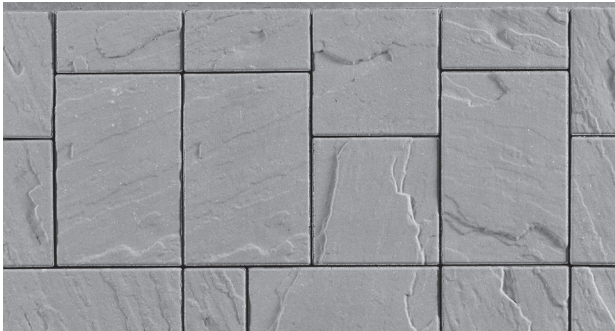
SPECIFICATIONS

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, 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.



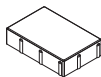
4 x 8 IN
2 3/4 HEIGHT



8 x 8 IN
2 3/4 HEIGHT



8 x 12 IN
2 3/4 HEIGHT



PRODUCT NUMBERS

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

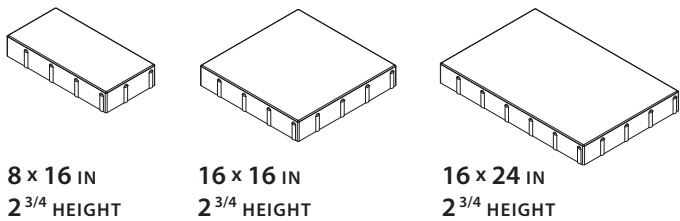
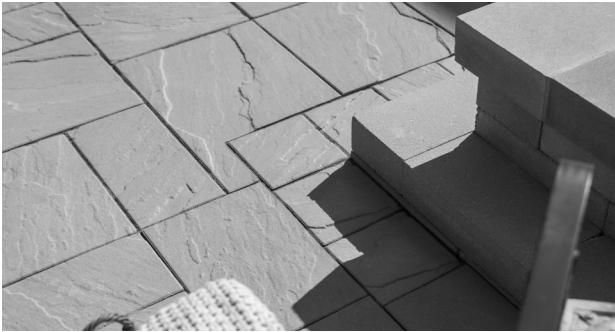


SPECIFICATIONS

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	
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

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



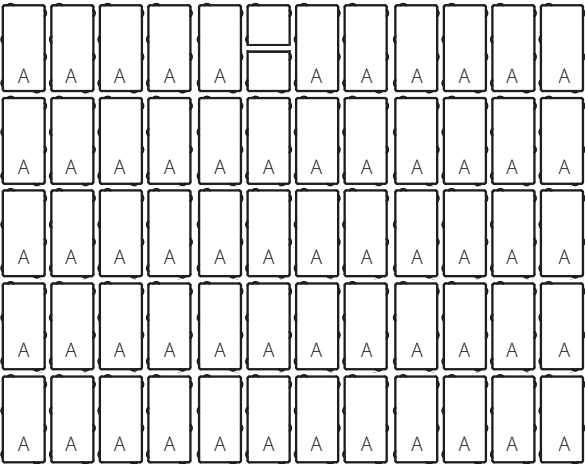
SPECIFICATIONS

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	
Timeless, Majestic, Intention, Exalt, Enlighten, Allure	

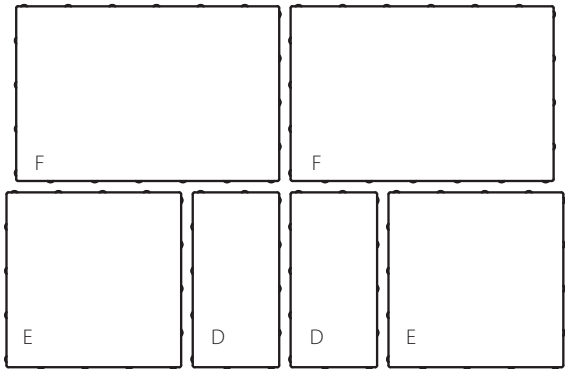
VANTAGE PAVERS, 4X8 VANTAGE PAVERS and Grand VANTAGE PAVERS

Layer Configurations

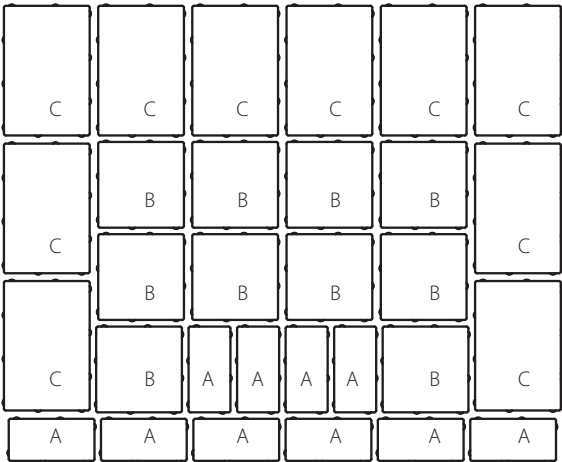
4X8 VANTAGE PAVERS



Grand VANTAGE PAVERS

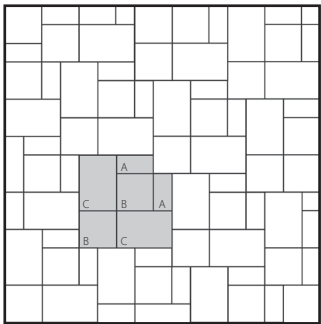


VANTAGE PAVERS

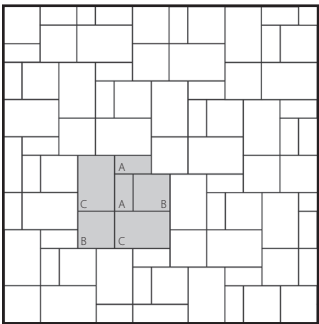


VANTAGE PAVERS and Grand VANTAGE PAVERS

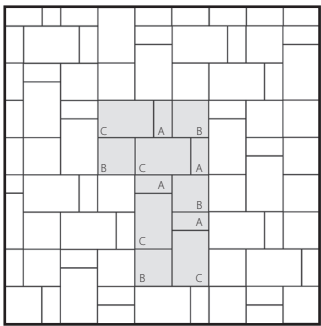
Installation Patterns



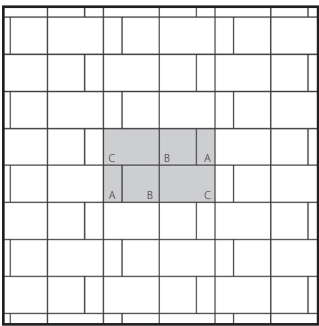
A, B & C Units Pattern #1
A-33% B-33% C-33%



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.



Select colors available with Sentinel Sealed Technology. All colors are available without Sentinel.



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

Smooth Finish

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

Smooth Finish -

Sentinel Sealed Technology

Timeless	0070325SEN
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SPECIFICATIONS

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	

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

Grand DISCOVER XL PAVERS

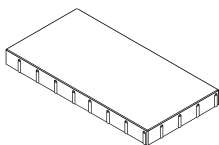
Grand XL DISCOVER PAVERS® offer a smooth, sought-after surface texture in extra-large, long units. These pavers can be used alone or melded with compatible pavers to create one-of-a-kind installations.



Select colors available with Sentinel Sealed Technology. All colors are available without Sentinel.

16 x 32 IN
2 3/4" HEIGHT

Sold only in full pallets.



PRODUCT NUMBERS

Smooth Finish

Enlighten	0070355
Majestic	0070356
Timeless	0070357
Vision	0070358
Allure	0070359

Smooth Finish - Sentinel Sealed Technology

Enlighten	0070355SEN
Majestic	0070356SEN
Timeless	0070357SEN
Vision	0070358SEN
Allure	0070359SEN



SPECIFICATIONS

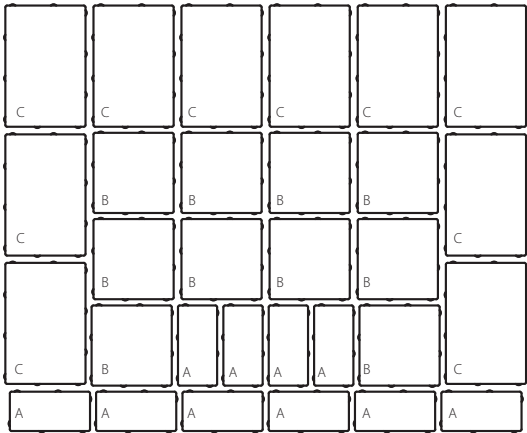
Size (in.)	16 x 32
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 3/4
SQFT Per	
Pallet	85.36
Layer	10.67
Section	N/A
Unit	3.55
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
pc	N/A
Sections	N/A
Layer	3.89
Pallet	31.18
Sailor LNFT per	
pc	N/A
Section	N/A
Layer	8
Pallet	64
UNITS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

Vision, Allure, Majestic,
Enlighten, Timeless

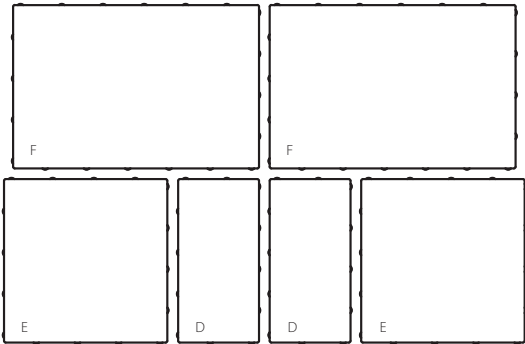
DISCOVER PAVERS, Grand DISCOVER PAVERS, and Grand XL DISCOVER PAVER

Layer Configurations

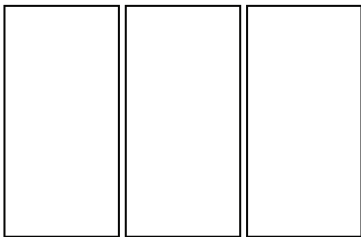
DISCOVER PAVERS



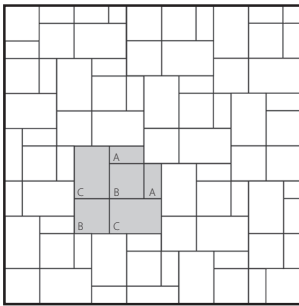
Grand DISCOVER PAVERS



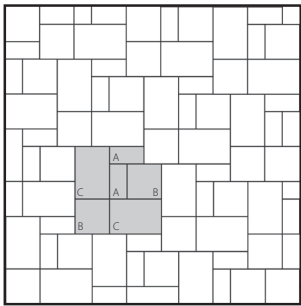
Grand XL DISCOVER PAVERS



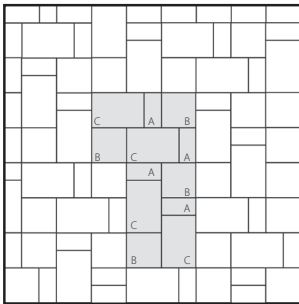
Installation Patterns



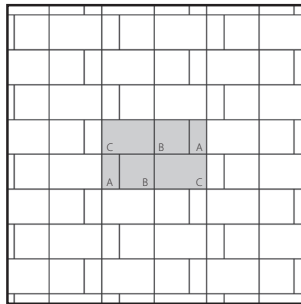
A, B & C Units Pattern #1
A-33% B-33% C-33%



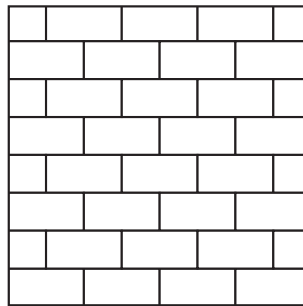
A, B & C Units Pattern #2
A-33% B-33% C-33%



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 PAVER units A, B and C shown in the patterns to the left can also be substituted with the Grand DISCOVER PAVER 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.



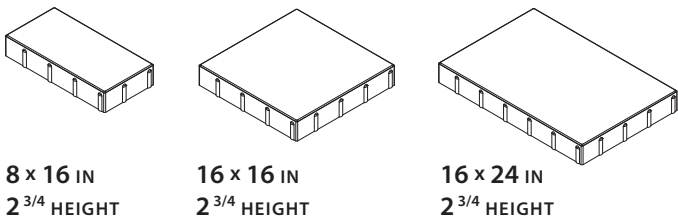
All colors are only available with Sentinel Sealed Technology.



SPECIFICATIONS

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



8 x 16 IN
2 3/4 HEIGHT

16 x 16 IN
2 3/4 HEIGHT

16 x 24 IN
2 3/4 HEIGHT

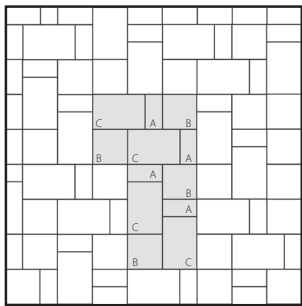
PRODUCT NUMBERS

Texture Finish -
Sentinel Sealed Technology

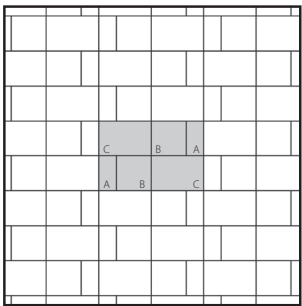
Enlighten	0070090SEN
Allure	0070099SEN
Majestic	0070094SEN
Timeless	0070098SEN



Installation Patterns

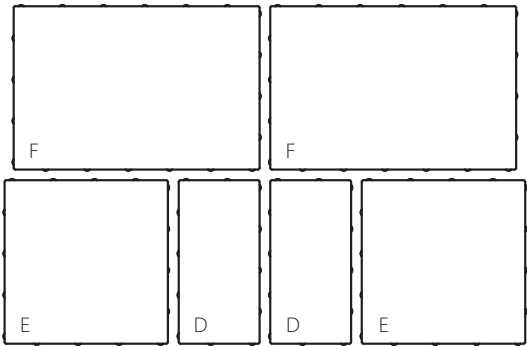


A, B & C Units Pattern #3
A-33% B-33% C-33%



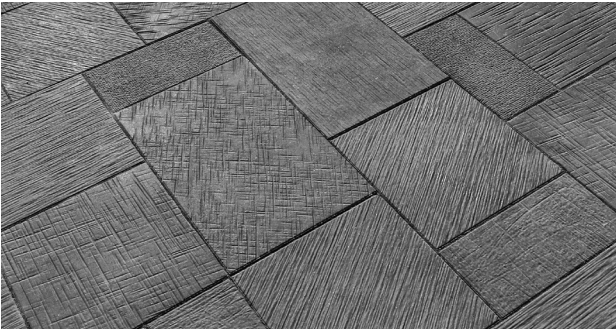
A, B & C Units Pattern #4
A-33% B-33% C-33%

Layer Configurations



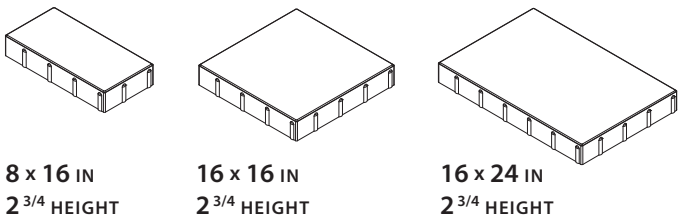
Grand FUSION PAVERS

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.



SPECIFICATIONS

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, Intention, Exalt	

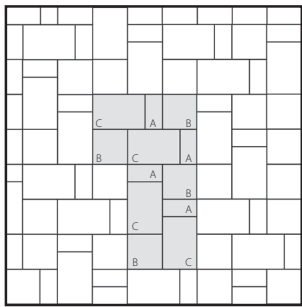


PRODUCT NUMBERS

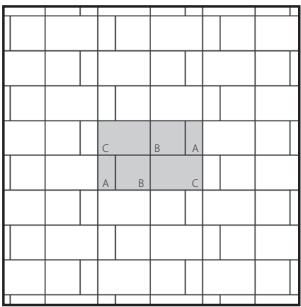
Modified Texture Finish	
Exalt	0070411
Intention	0070412
Vision	0070413



Installation Patterns

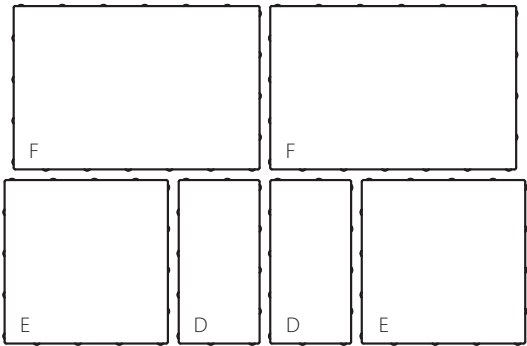


A, B & C Units Pattern #3
A-33% B-33% C-33%



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

Layer Configurations



4X8 ELEMENTS PAVERS

4X8 ELEMENTS™ PAVERS 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.



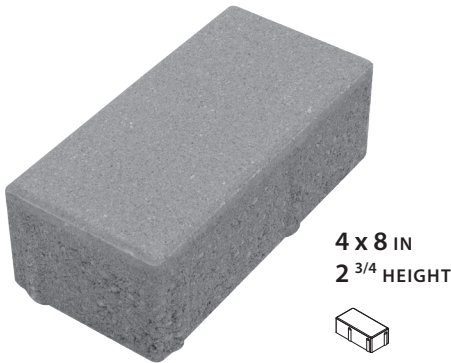
Sentinel Sealed Technology available in select colors. All colors are available without Sentinel.



SPECIFICATIONS

Size (in.)	4 x 8
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 Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
pc	0.3275
Sections	N/A
Layer	19.32
Pallet	154.58
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, Beckon, Reflection, Allure,
Majestic, Enlighten, Timeless, Serenity



4 x 8 IN
2 3/4 HEIGHT



PRODUCT NUMBERS

Smooth Finish

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

Tumbled Finish

Reflection	0070200T1
Timeless	0070260T1
Vision	0070230T1

Smooth Finish -

Sentinel Sealed Technology

Beckon	0070232SEN
Vision	0070230SEN
Reflection	0070200SEN



8X16 ELEMENTS PAVERS

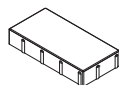
8X16 ELEMENTS™ PAVERS offer a clean aesthetic with their smooth surface and slightly chamfered edges. Stones can be used alone or melded with compatible pavers to create one-of-a-kind installations.



Sentinel Sealed Technology available in select colors. All colors are available without Sentinel.



8 x 16 IN
2 3/4" HEIGHT



PRODUCT NUMBERS

Smooth Finish

Beckon	0070294L
Reflection	0070204L
Vision	0070234L

Tumbled Finish

Reflection	0070204TL
Timeless	0070262TL
Vision	0070234TL

Smooth Finish - **Sentinel Sealed Technology**

Beckon	0070294LSEN
Vision	0070292LSEN
Reflection	0070296LSEN



**DIMENSIONALLY
COMPATIBLE**



**GENESIS
FACE-MIX TECHNOLOGY**



**SENTINEL
SEALED TECHNOLOGY**



SPECIFICATIONS

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

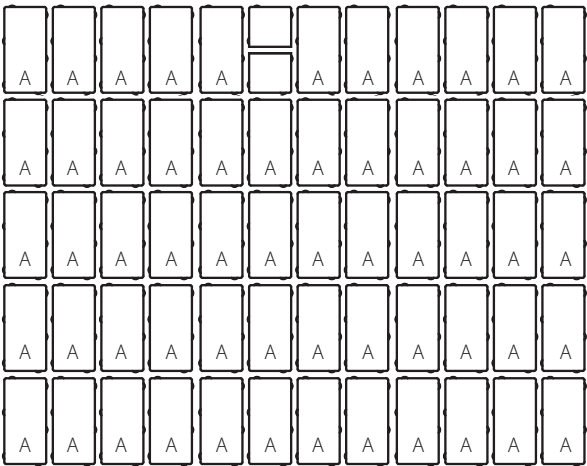
Colors	
--------	--

Vision, Beckon, Reflection

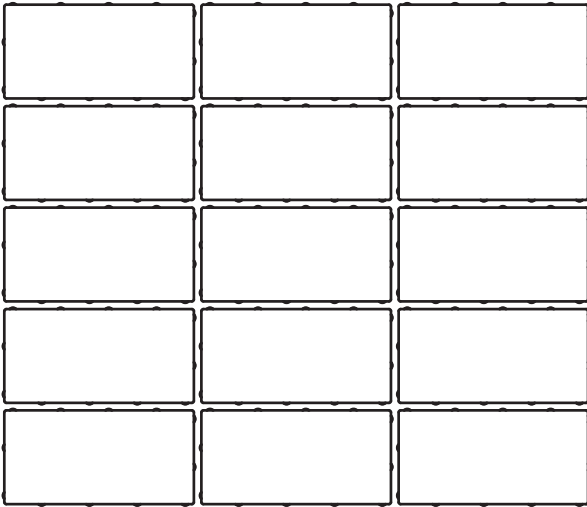
4X8 & 8X16 ELEMENTS PAVERS

Layer Configurations

(A) 4 x 8 Units

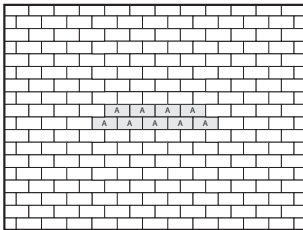


(B) 8 x 16 Units

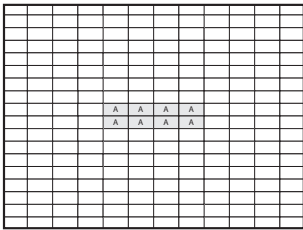


4X8 & 8X16 ELEMENTS PAVERS

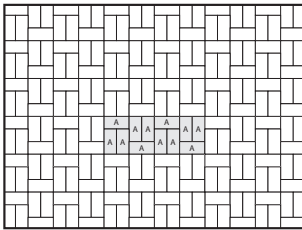
Installation Patterns



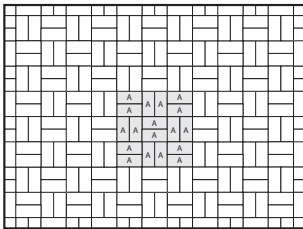
Running Bond
A or C Units



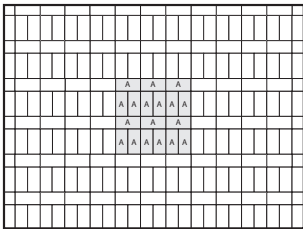
Stack Bond
A or C Units



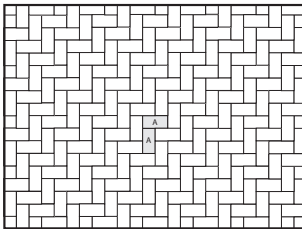
Single Basket Weave
A or C Units



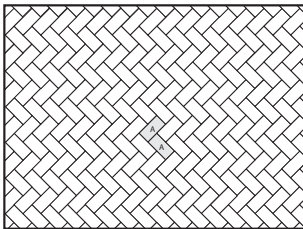
Parquet/Basket Weave
A or C Units



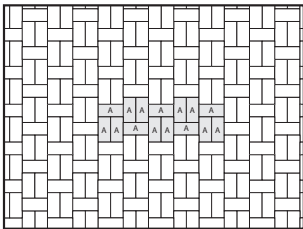
Stack Bond (Variant)
A or C Units



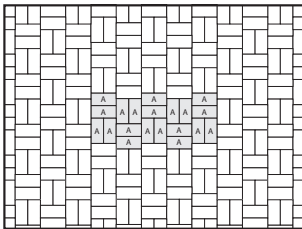
90° Herringbone
A or C Units



45° Herringbone
A or C Units



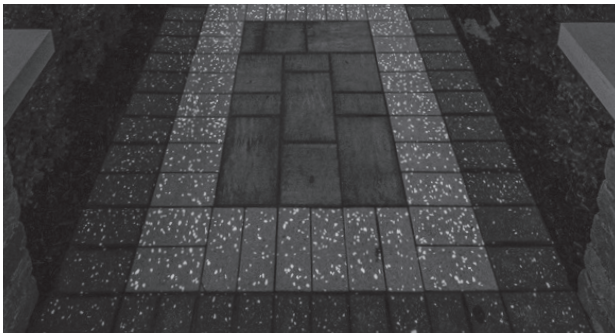
Single Offset Basket Weave
A or C Units



Double Offset Basket Weave
A or C Units

GLOW PATH

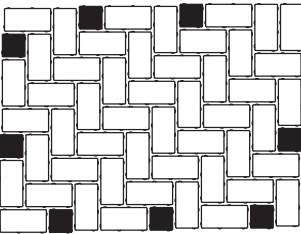
Glow Path Technology® enhances the safety and aesthetics of residential, commercial, and municipal paver applications by providing subtle illumination that lasts up to 8 hours. From creating striking pool deck accents to improving usage of frequently used pathways, the possibilities of luminescent technology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



4 x 8 IN
2 3/4" HEIGHT



Layer Configurations



(A) 4 x 8 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

PRODUCT NUMBERS

Smooth Finish	
Reflection	007GP011B
Vision	007GP013B



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.

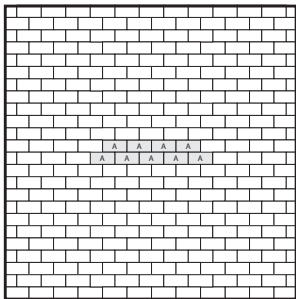
SPECIFICATIONS

Size (in.)	4 x 8
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 Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
pc	0.3275
Sections	N/A
Layer	19.32
Pallet	154.58
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	

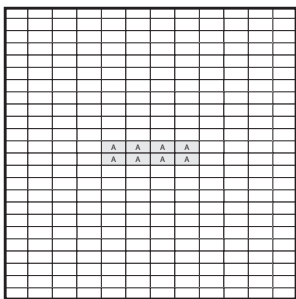
Vision, Reflection

Installation Patterns

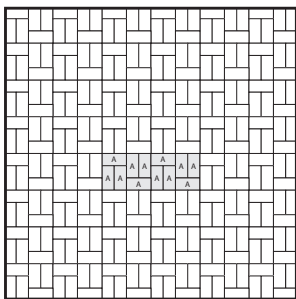
4x8 ELEMENTS™ PAVERS with Glow Path Technology®



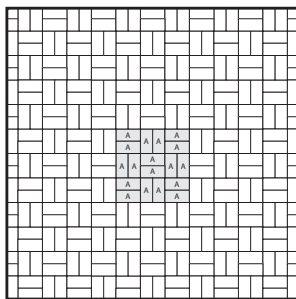
Running Bond
A Units



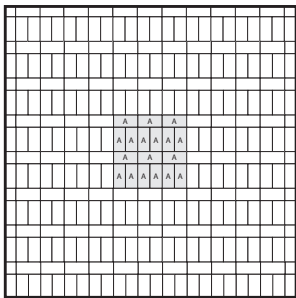
Stack Bond
A Units



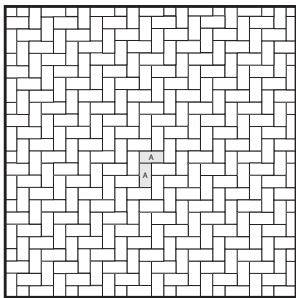
Single Basket Weave
A Units



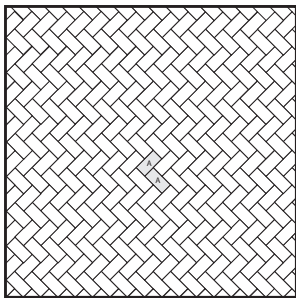
Parquet/Basket Weave
A Units



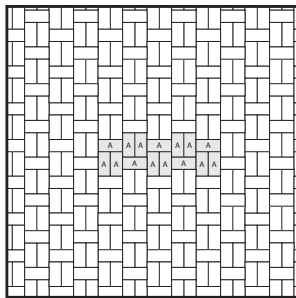
Stack Bond (Variant)
A Units



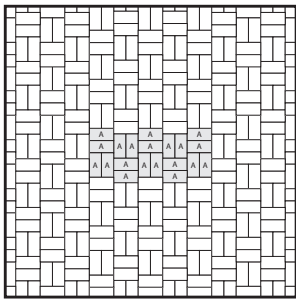
90° Herringbone
A Units



45° Herringbone
A Units



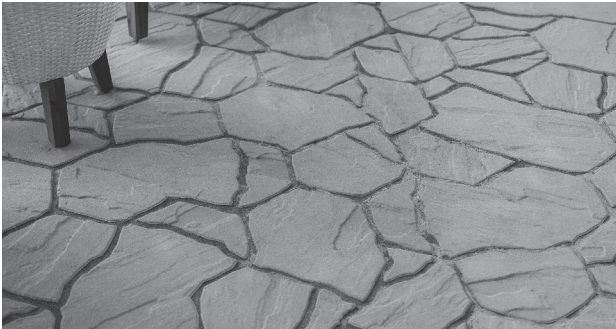
Single Offset Basket Weave
A Units



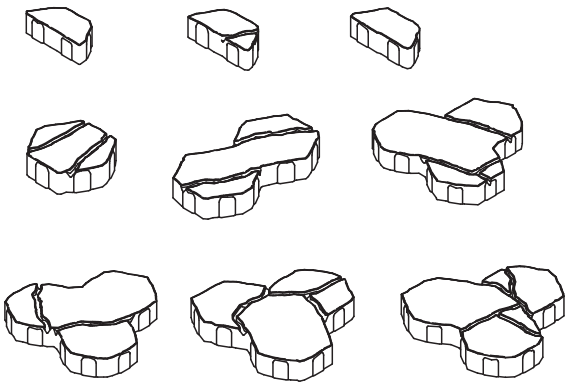
Double Offset Basket Weave
A Units

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

Texture Finish

Intention	0070112
Timeless	0070115



SPECIFICATIONS

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	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	N/A
Pallet	N/A
UNITS per	
SqFt	N/A
Layer	9
Pallet	72
LBS per	
Layers	337.5
Section	N/A
Pallet	2700
Colors	

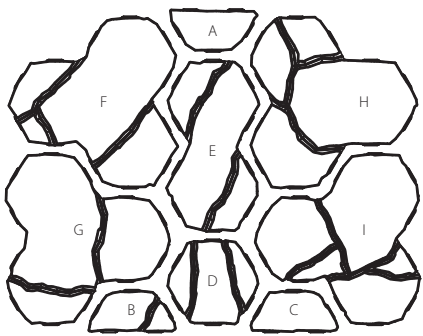
Intention, Timeless

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

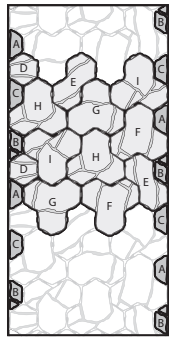
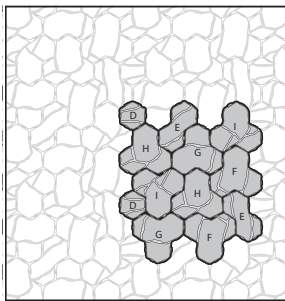
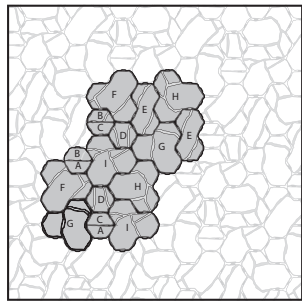


Note: Textured paver and patio stone surfaces require a buffer between the plate compactor and the paver surface to prevent scuffing. Refer to County Materials' Interlocking Concrete Paver or Slab Installation Guidelines, or contact County Materials for information.

	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

SPECIAL ORDER PRODUCT, CALL FOR AVAILABILITY

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.



SPECIFICATIONS

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	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	21.54
Pallet	172.33
UNITS per	
SqFt	N/A
Layer	
Pallet	144
LBS per	
Layers	402
Section	N/A
Pallet	3216
Colors	

Call for color availability.

PRODUCT NUMBERS

Smooth Plank

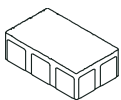
SPECIAL ORDER PRODUCT, CALL FOR AVAILABILITY



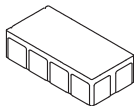
ESSENCE PAVERS

SPECIAL ORDER PRODUCT, CALL FOR AVAILABILITY

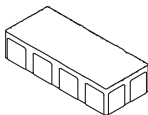
ESSENCE® PAVERS are produced in five different plank lengths to facilitate a linear laying pattern to compose a handcrafted effect. Every paver is manufactured with the unmatched durability of concrete with authentic looking grain and textures found in weathered wood.



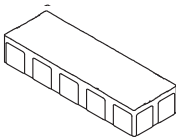
5 3/4 x 19 1/2 IN
3 1/8 HEIGHT



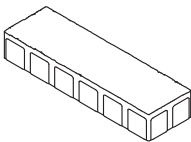
5 3/4 x 17 1/2 IN
3 1/8 HEIGHT



5 3/4 x 13 5/8 IN
3 1/8 HEIGHT



5 3/4 x 11 5/8 IN
3 1/8 HEIGHT



5 3/4 x 9 11/16 IN
3 1/8 HEIGHT

PRODUCT NUMBERS

Wood Grain Plank

Pride 0070901

Timeless 0070904



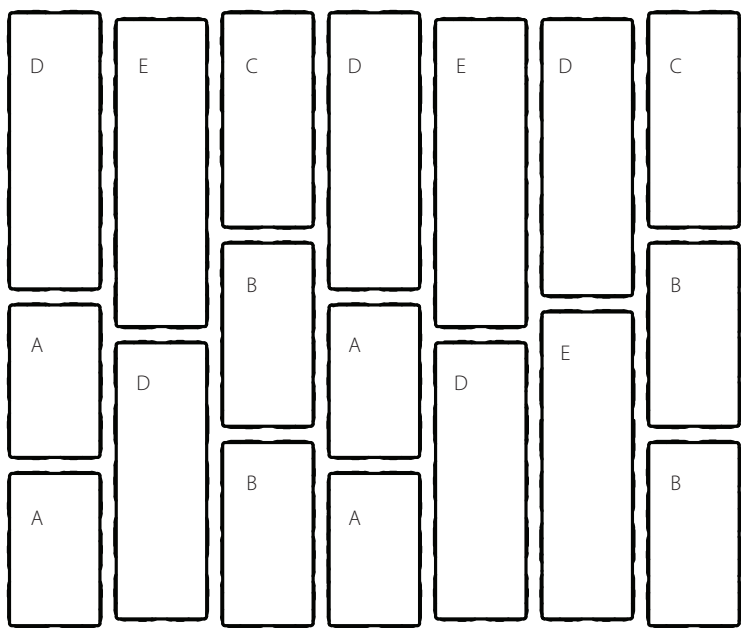
GENESIS
FACE-MIX TECHNOLOGY.



SPECIFICATIONS

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	

Layer Configuration



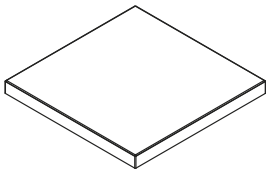
SKYLANDS PAVERS

SPECIAL ORDER PRODUCT, CALL FOR AVAILABILITY

Our SKYLANDS™ 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

Vertical Stack on Pallet – Smooth Finish

Dream	008248
Majestic	008278
Reflection	008254
Timeless	008275
Vision	008260



VERTICAL SPECIFICATIONS (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	
Vision, Dream, Reflection, Timeless, Majestic	

SKYLANDS PAVERS

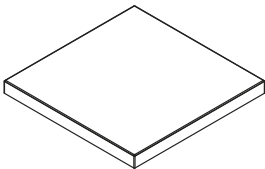
SPECIAL ORDER PRODUCT, CALL FOR AVAILABILITY

Our SKYLANDS™ 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

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



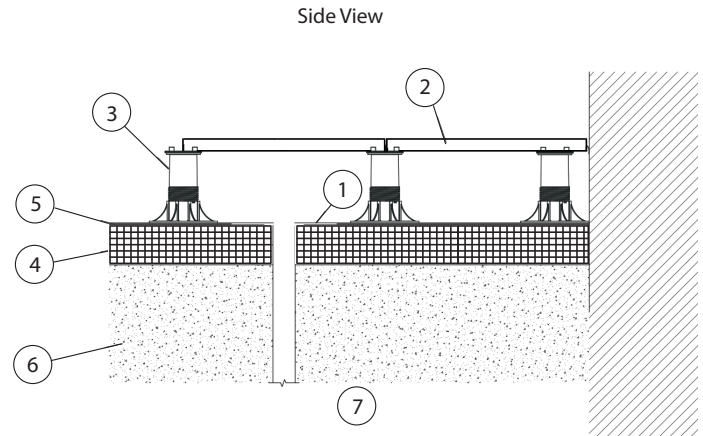
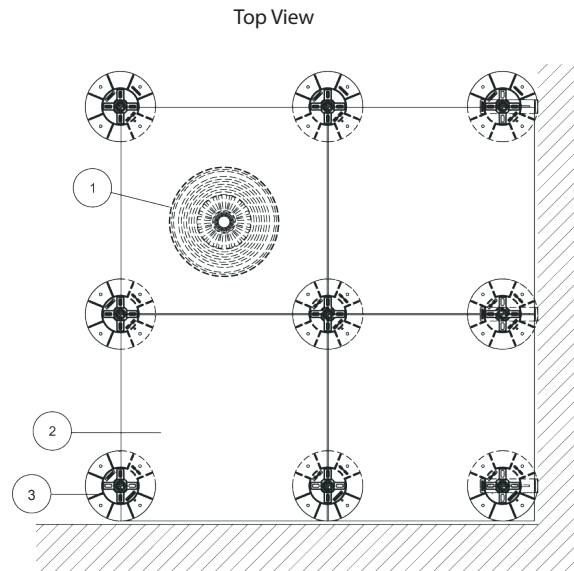
HORIZONTAL SPECIFICATIONS (Rooftop Applications)

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 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.



- 1 - Roof Drain
- 2 - Paver
- 3 - Adjustable Paving Support
- 4 - Insulation or Protection Board
- 5 - Waterproofing Membrane
- 6 - Concrete Slab
- 7 - Pipes

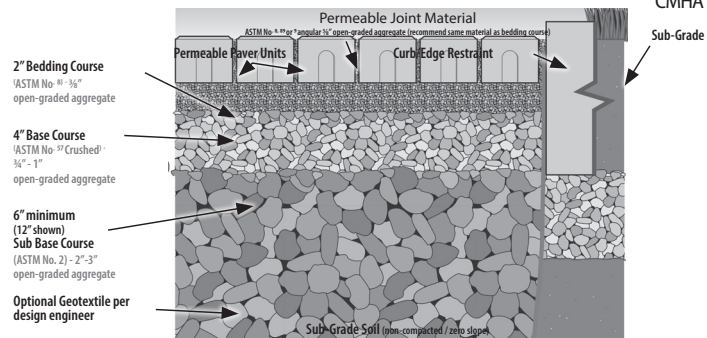


CMHA Guide

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.

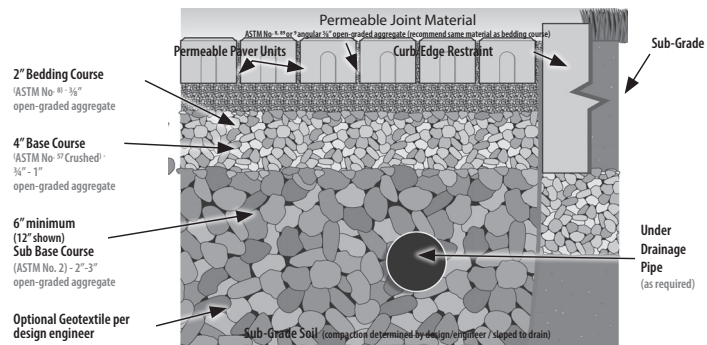
Overflows are directed to swales, bioretention areas or storm sewer inlets.



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.

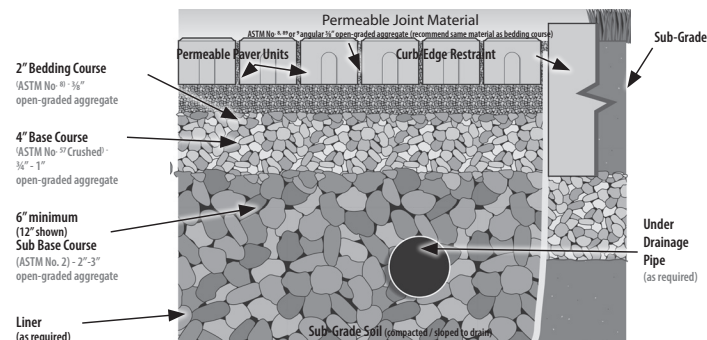
Sub-grade soil preparation, including compaction, is part of the design/engineer's decision and should be executed according to the project specifications. If it is specified not to compact the subgrade, the initial undisturbed soil infiltration should be carefully maintained during excavation and construction; 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 Concrete Masonry and Hardscapes Association's (CMHA) Tech Spec Technical Bulletins: (<https://www.masonryandhardscapes.org>).



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.

Installation Guidelines | Permeable Concrete Pavers



CMHA 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 Concrete Masonry and Hardscapes Association's (CMHA) Tech Spec Technical Bulletins: (<https://www.masonryandhardscapes.org>).

H₂O PRO PAVERS

Our H₂O PRO PAVERS® 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.



SPECIFICATIONS

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

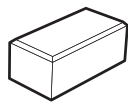
UNITS per	
SqFt	4.5
Layer	50
Pallet	400

LBS per	
Layers	387.5
Section	N/A
Pallet	3100

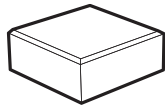
Colors	Reflection, Timeless, Majestic
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Joint Dimensions	10mm (25/64") installed joint +9.1% installed open area/Layer (varies on pattern used)
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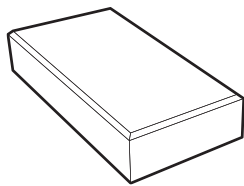
4 x 8 IN
3 1/8" HEIGHT



8 x 8 IN
3 1/8" HEIGHT



8 x 16 IN
3 1/8" HEIGHT



PRODUCT NUMBERS

4x8 Paver – Smooth Finish

Majestic	0070528L
Reflection	0070520L
Timeless	0070500L

8x8 Paver – Smooth Finish

Majestic	0070529L
Timeless	0070501L

8x16 Paver – Smooth Finish

Majestic	0070530L
Timeless	0070502L

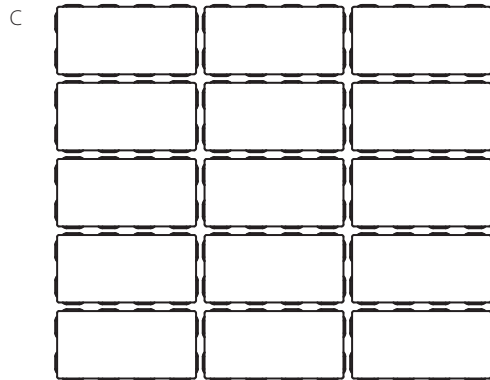
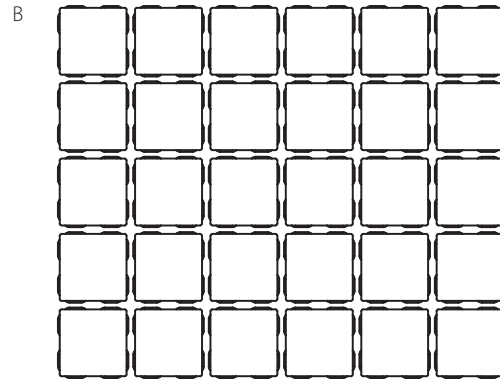
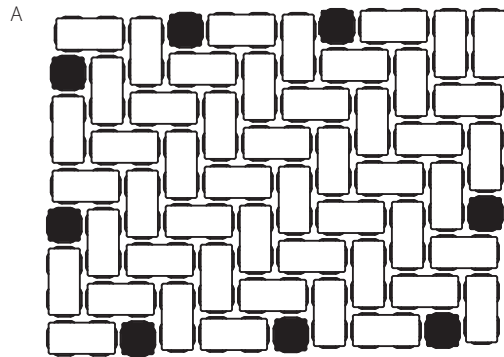
Note: Configurations are machine layable



H₂O PRO PAVERS

Layer Configurations

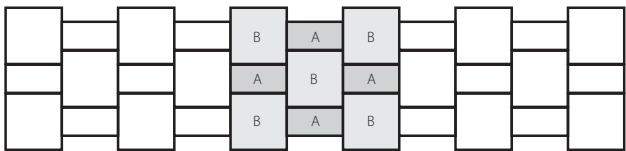
- Installed joint dimensions = 10 mm ($\frac{3}{8}$ ")
- Installed open area/layer = $\pm 9.1\%$ (depending on pattern)



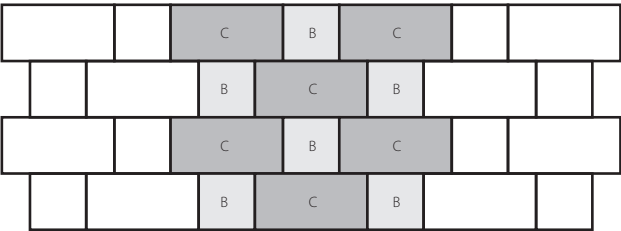
Note: The 4" x 8" size of H₂O PRO PAVERS are manufactured in a herringbone layer pattern that easily accommodates mechanical installation. Units can also be installed in many different patterns by hand.

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.

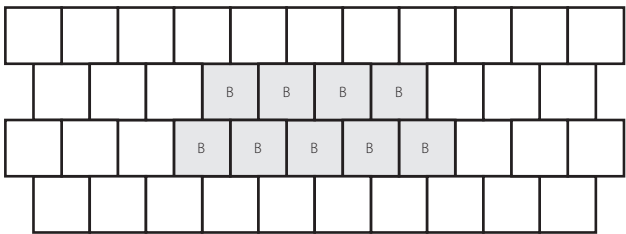
Installation Patterns



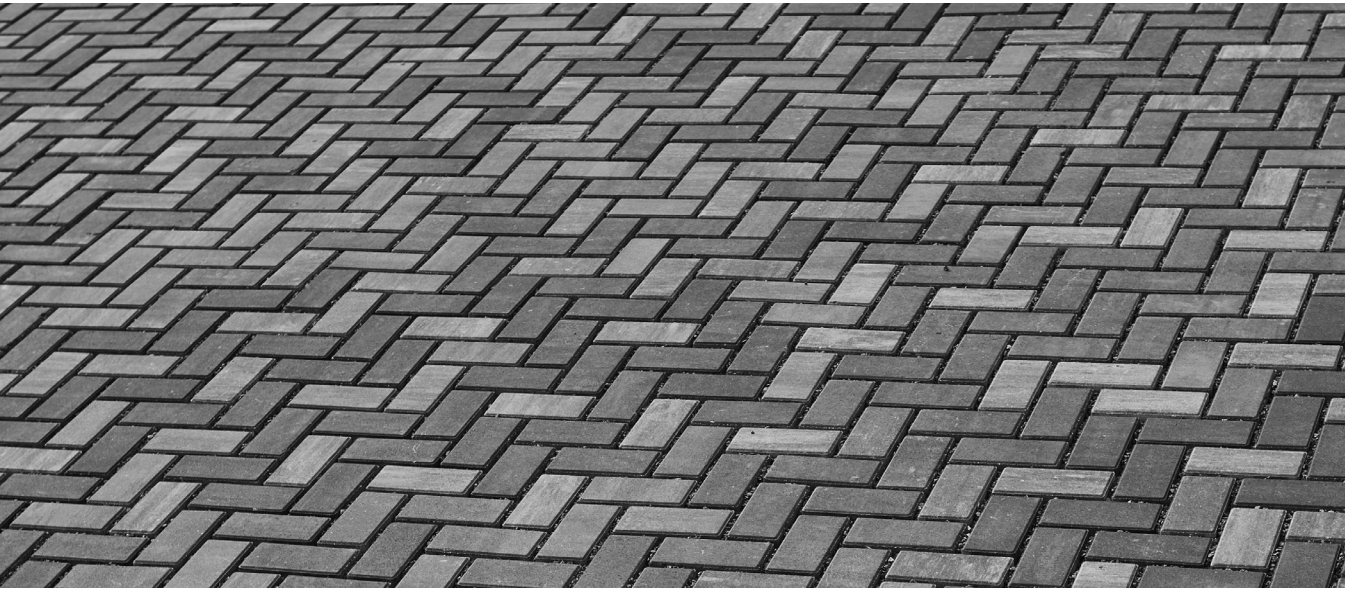
A & B Units #17
A-29% B-71%



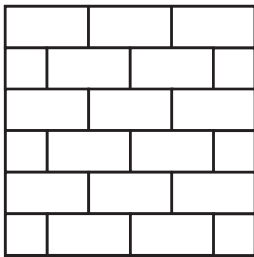
B & C Units #18
B-33% C-67%



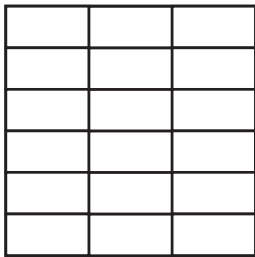
B Units #19



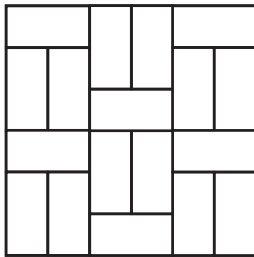
Installation Patterns



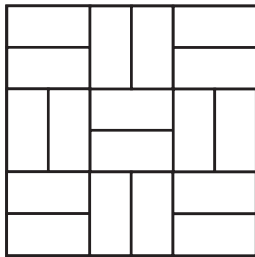
A or C Units Pattern #1



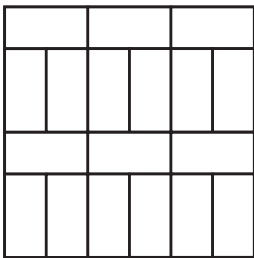
A or C Units Pattern #2



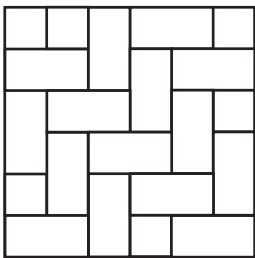
A or C Units Pattern #3



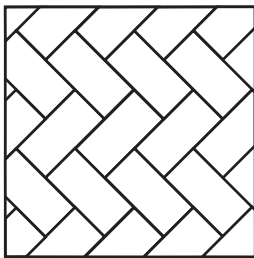
A or C Units Pattern #4



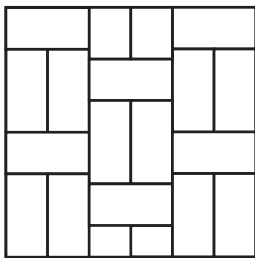
A or C Units Pattern #5



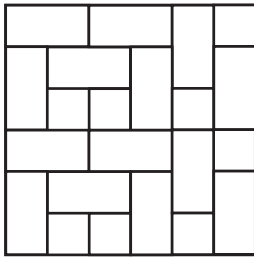
A or C Units Pattern #6



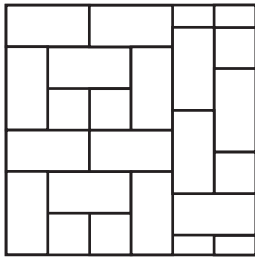
A or C Units Pattern #7



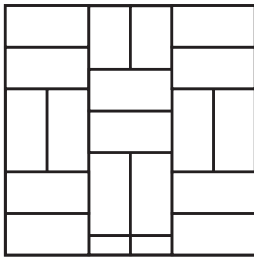
A or C Units Pattern #8



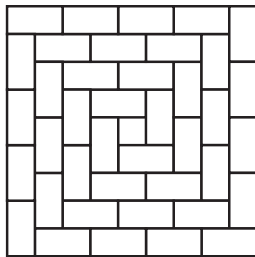
B or C Units Pattern #9



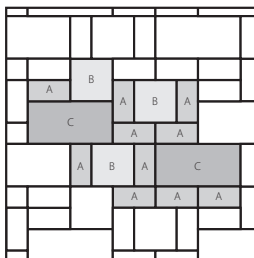
B or C Units Pattern #10



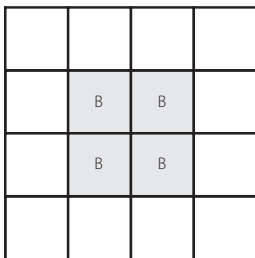
A or C Units Pattern #11



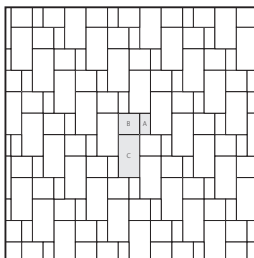
A or C Units Pattern #12



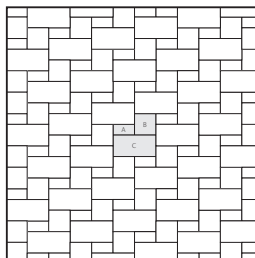
A, B & C Units #13
A-42% B-25% C-33%



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%

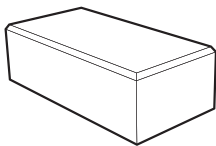
REJUVENATE PAVERS

SPECIAL ORDER PRODUCT, CALL FOR AVAILABILITY

REJUVENATE® 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



PRODUCT NUMBERS

Permeable Paver - Smooth Finish
– Can be Machine Laid

SPECIAL ORDER PRODUCT, CALL FOR AVAILABILITY

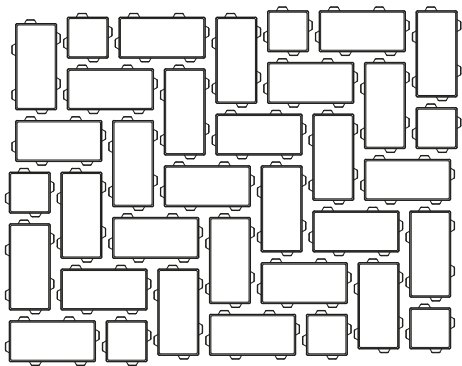


Specifications

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	
C all for color availability.	
Joint Dimensions	
11mm (.433") installed joint	
1.28 sq ft installed open area/layer	

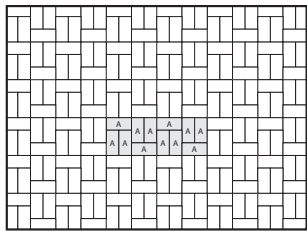
REJUVENATE PAVERS

Layer Configuration

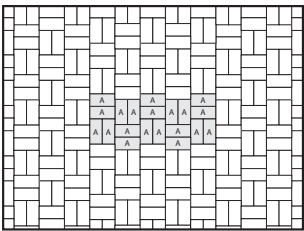


Installation Patterns

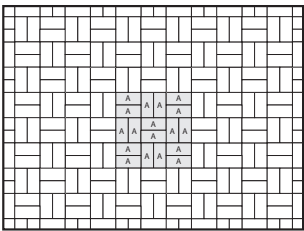
Note: Configurations are machine layable



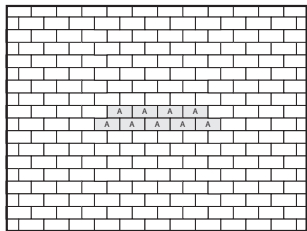
Single Basket Weave



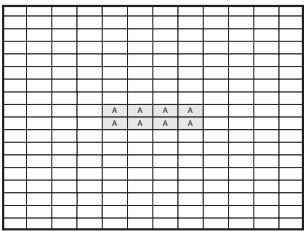
Double Offset Basket Weave



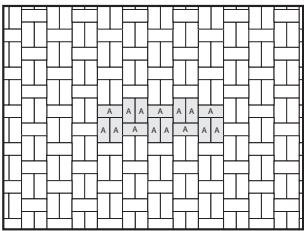
Parquet/Basket Weave



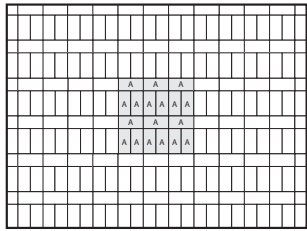
Running Bond



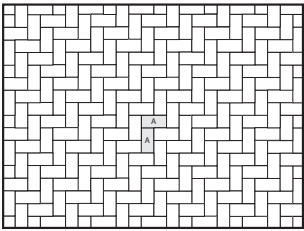
Stack Bond



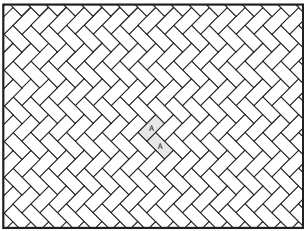
Single Offset Basket Weave



Stack Bond (Variant)



90° Herringbone



45° Herringbone

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

WALL SYSTEMS

Retaining Walls, Freestanding Walls,
Landscape Units, Wall & Pillar Caps

- 62 Smooth TRIBUTE® WALL SYSTEMS
- 66 Splitface TRIBUTE® WALL SYSTEMS
- 69 Smooth UNITY™ LANDSCAPE UNITS
- 70 Smooth SUMMIT STONE® LANDSCAPE UNITS
- 70 Tumbled SUMMIT STONE® LANDSCAPE UNITS
- 74 Straight Splitface WINSTON® WALL SYSTEM
- 75 Tri-Split WINSTON® WALL SYSTEM
- 76 Splitface INTEGRITY™ WALL SYSTEM
- 77 Splitface COUNTY BLOCK® WALL SYSTEM
- 78 RIB ROCK™ RETAINING WALL SYSTEM
- 84 MagnumStone® RETAINING WALL SYSTEM

Installation Guidelines | Retaining Wall Systems

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

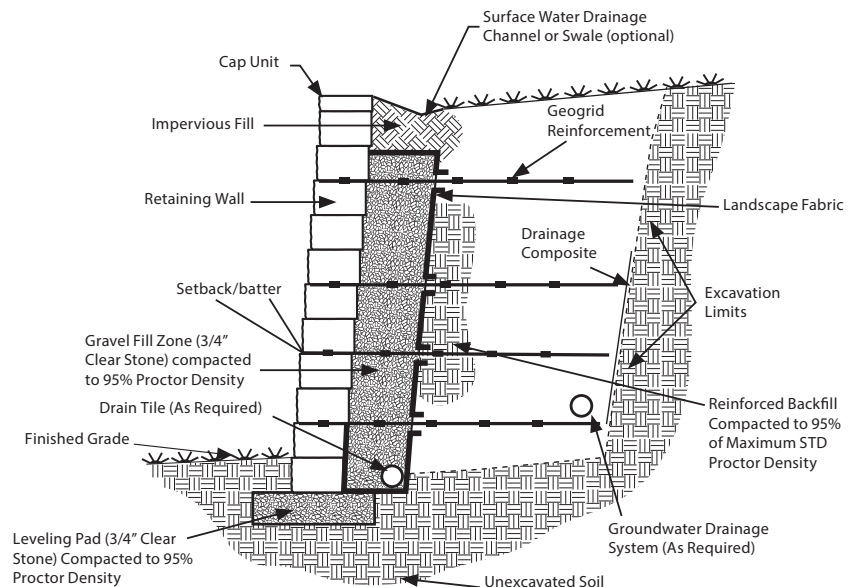
Develop a wall layout that will maximize drainage and direct the flow of water around the wall and away from buildings. Consider material and equipment access at the site, and try to minimize the excavation and hauling of soil and fill.

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



Installation Guidelines | Retaining Wall Systems

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.

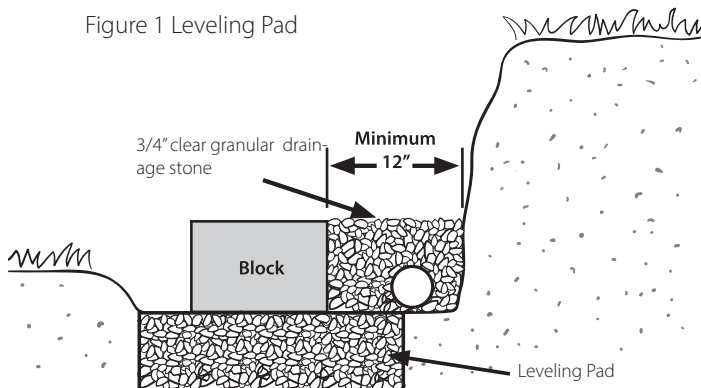
County Block and Tribute retaining walls with pins:

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



Installation Guidelines | Retaining Wall Systems

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).

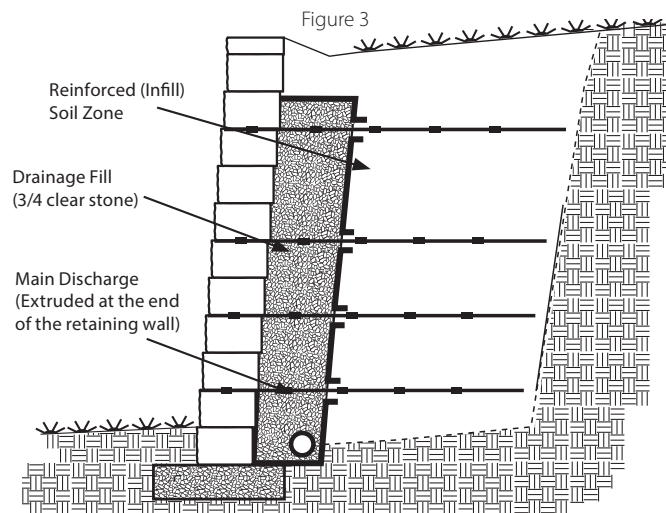
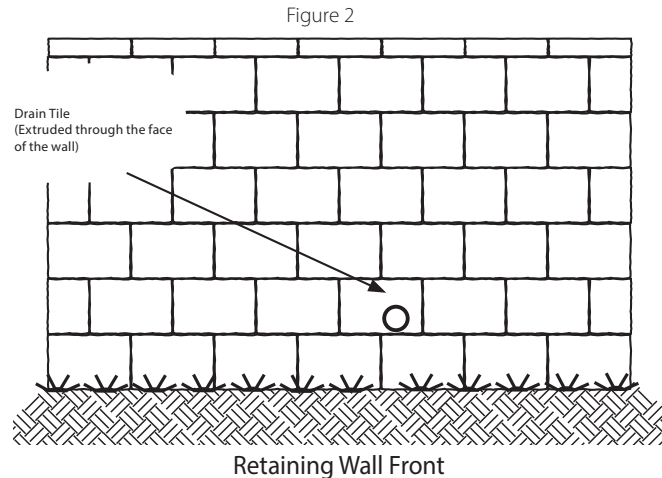
Unit Installation

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.

Installation Guidelines | Retaining Wall Systems

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.

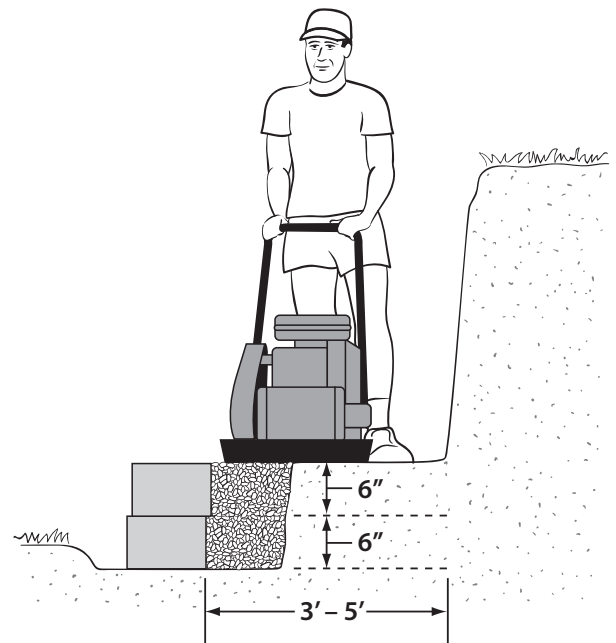
Geogrid Reinforcement

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.

Figure 4



Installation Guidelines | Retaining Wall Systems

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).

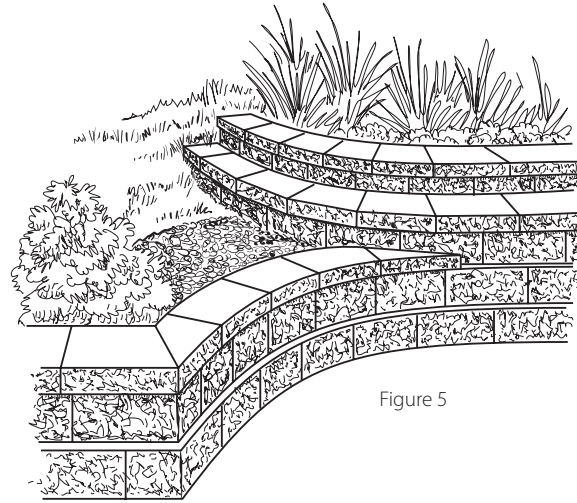


Figure 5

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.

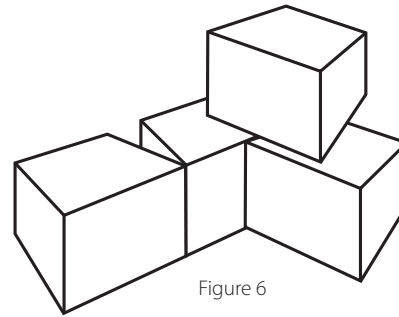


Figure 6

Installation Guidelines | Retaining Wall Systems

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.

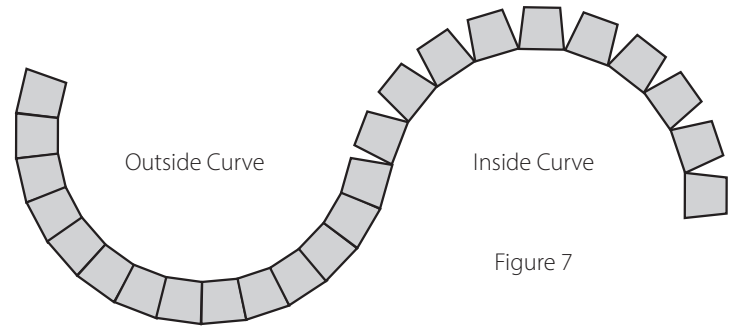
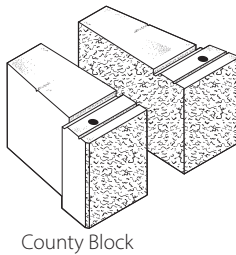
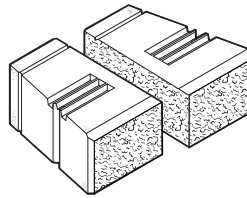


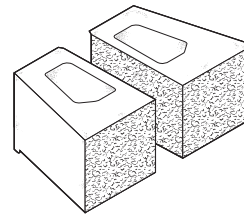
Figure 7



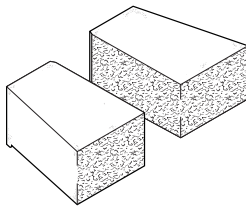
County Block



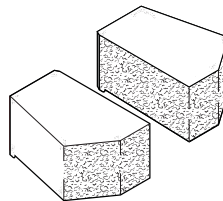
Tribute



Integrity



Winston (Straight)



Winston (Tri-split)

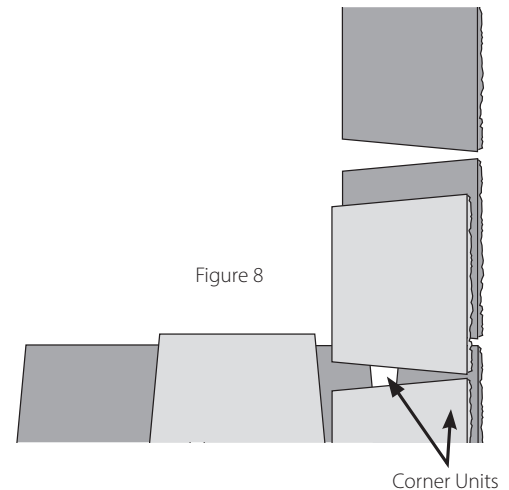


Figure 8

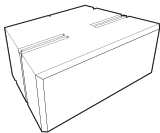
Corner Units

Smooth TRIBUTE

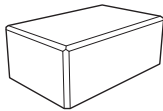
Smooth TRIBUTE® WALL SYSTEMS offer a clean aesthetic. Featuring multiple pin grooves on the top surface, these units allow a combination of retaining and freestanding wall options. Tribute Smooth units can be efficiently split in half in the field to construct pillars and wall accents.



Full Unit
(Front & back finish)
10 1/8 x 15 5/8 IN
6 HEIGHT



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



PRODUCT NUMBERS

Smooth Face

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

Smooth Face Corner

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.

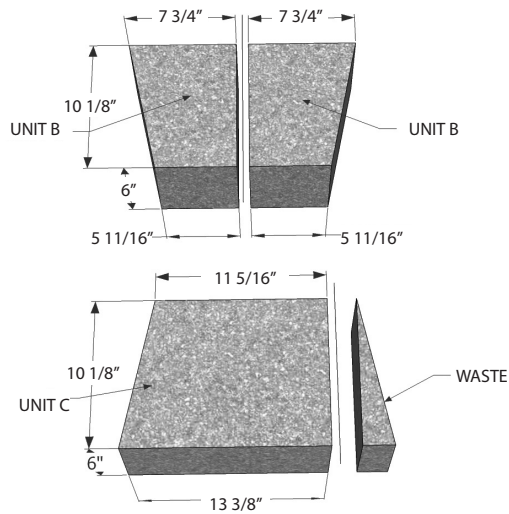
SPECIFICATIONS

	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		
Allure, Vision, Majestic, Timeless, Reflection, Enlighten		

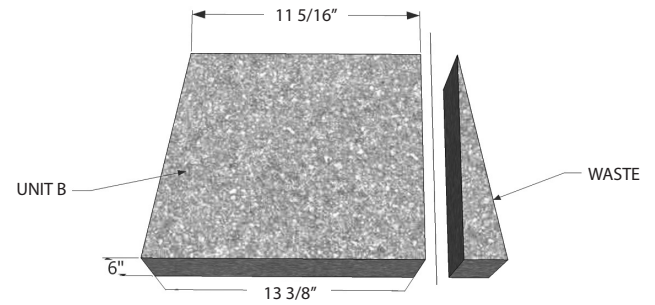
Smooth TRIBUTE

Cutting Guide

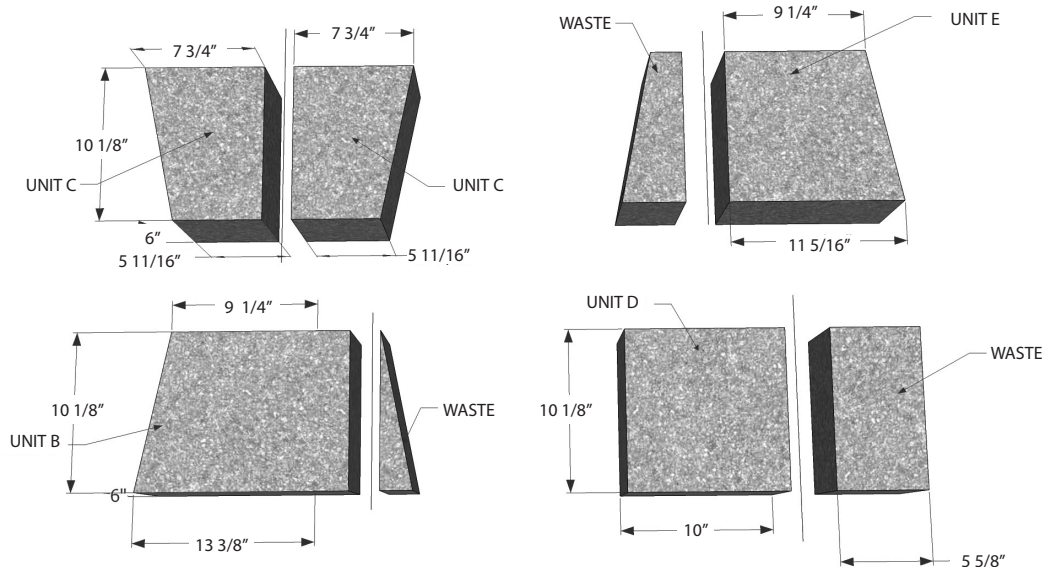
Wall Into Pillar



Wall Corner

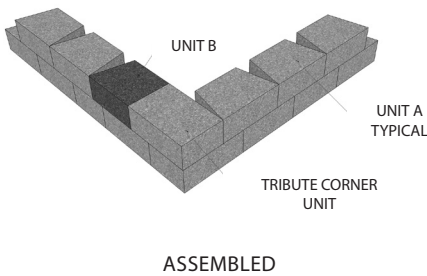
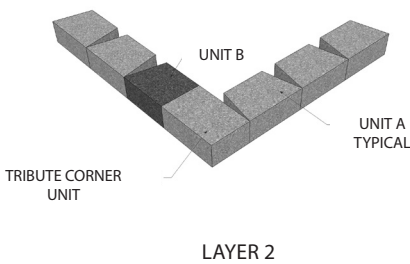
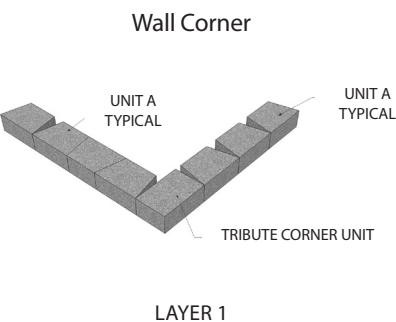
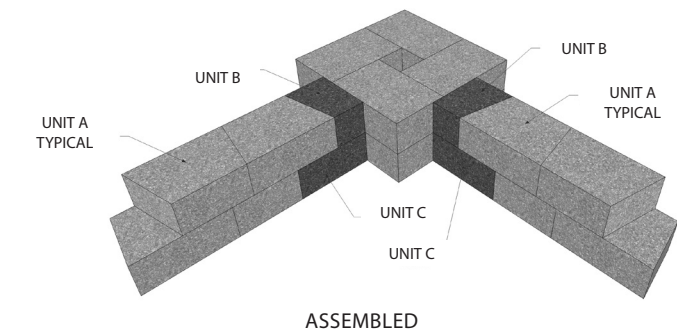
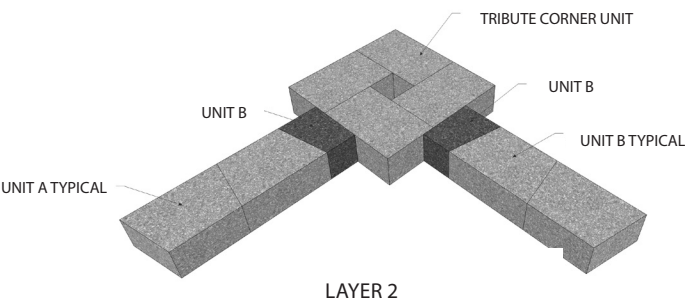
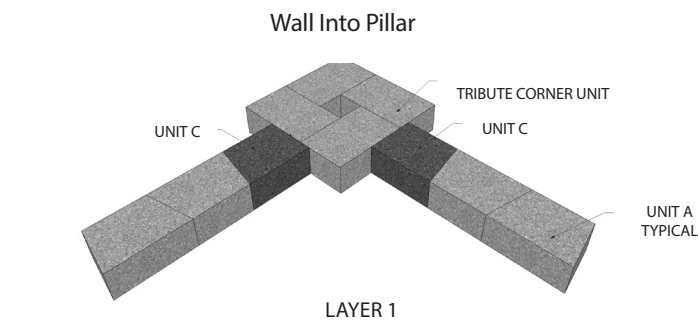


Wall End



Smooth TRIBUTE - Corner Column & Wall

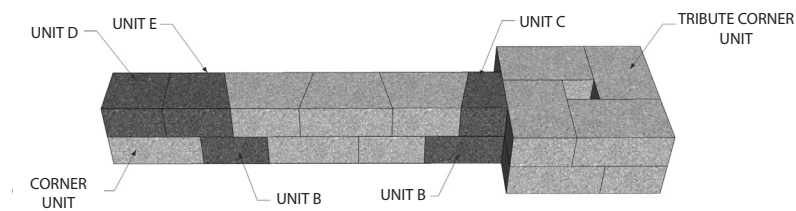
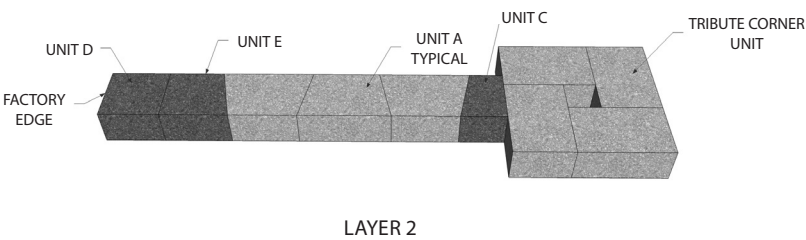
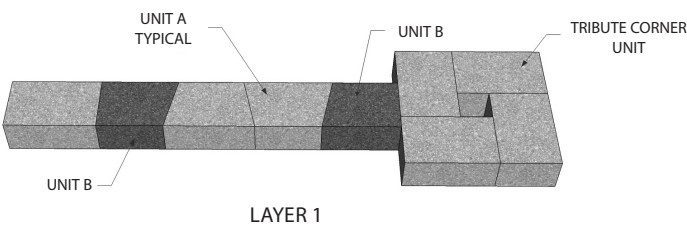
Assembly



Smooth TRIBUTE - Corner Column & Wall

Assembly

Wall End



ASSEMBLED

Splitface TRIBUTE

Splitface TRIBUTE® WALL SYSTEMS feature solid blocks with multiple pin grooves on the top surface that allow a combination of retaining and freestanding wall options.



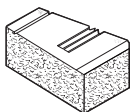
Full Unit*
12 x 16 IN
6 HEIGHT



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



Corner
12x 8 IN
6 HEIGHT



SPECIFICATIONS

	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 / Roberts	Janesville / Roberts	Janesville / Roberts
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
Layers	675	578.25	675
Pallet	2736	2736	2736
Colors			
Vision, Gray, Buff, October Oak, Silvertone, Graphite, Swiss Mocha, Timeless			

PRODUCT NUMBERS

Regular (1-Sided)

Janesville Colors

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

Roberts Colors

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

PRODUCT NUMBERS

Front & Back (2-Sided)

Janesville Colors

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

Roberts Colors

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

PRODUCT NUMBERS

Corner

Janesville Colors

Buff	0076052
Canyon Brown	0076006
Graphite	0076018
Gray	0076002
Silvertone	0076010
Timeless	0076026
Swiss Mocha	0076014

Roberts Colors

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

* SRW (Segmental Retaining Wall Unit)

* FSW (Free Standing Wall Unit)

• Rustic texture products are available in all colors (Made to Order).

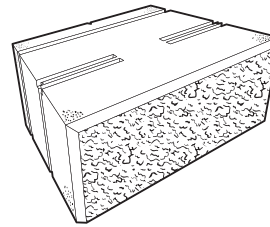
• Calculate the number of Tribute full units needed: SF x 1.5



Wall Configurations

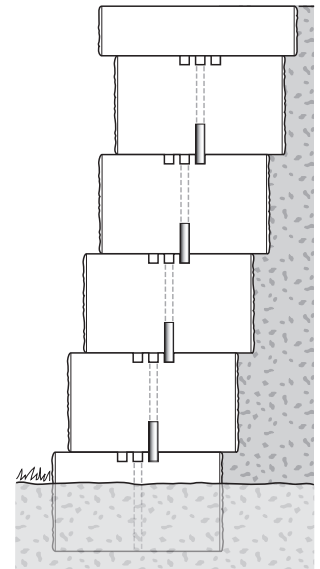
Tribute retaining walls with pins:

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.



TRIBUTE Retaining Wall System

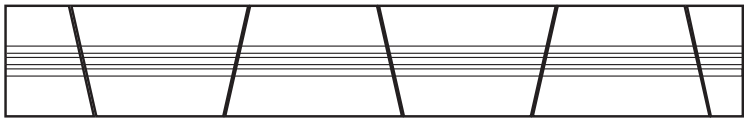
Seat Wall and Column Design

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.

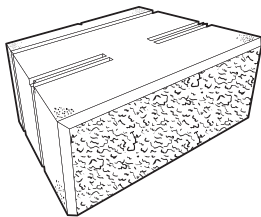
Figure 2 TRIBUTE Two-Sided Seat Wall



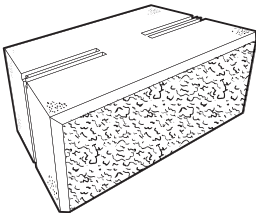
Courses 1,3,5...



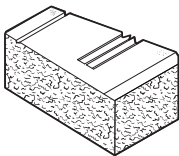
Courses 2,4,6...



Retaining Wall Block



Free-Standing



Two-Sided
Half Block

Smooth UNITY

Smooth 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.

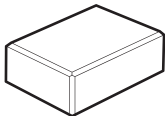


Medium

(All sides Smooth finish)

9 x 12 IN

4 HEIGHT

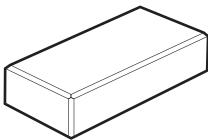


Large

(All sides Smooth finish)

9 x 18 IN

4 HEIGHT



PRODUCT NUMBERS

Smooth Block - Medium

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

PRODUCT NUMBERS

Smooth Block - Large

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



SPECIFICATIONS

	Medium	Large
Size (in.)	12 x 9	18 x 9
Pallet Type	Single	Single
Plant Production	Janesville	Janesville
Thickness (in.)	4	4
SQFT Per		
pc	.33	.5
Layer	5.25	5
Section	N/A	N/A
Pallet	42.24	40
Per Pallet		
Layers	8	8
Sections	N/A	N/A
UNITS per		
SqFt	3	3
Layer	16	10
Pallet	128	80
LBS per		
pc	24	47.3
Layer	494	494
Pallet	3072	3784
Colors		

Allure, Vision, Majestic, Timeless,
Reflection, Enlighten

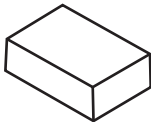
SUMMIT STONE

Smooth and Tumbled 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.



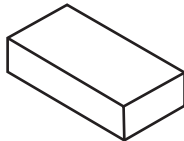
Medium

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



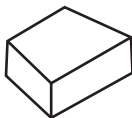
Large

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



Tapered

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



SPECIFICATIONS

	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			
	Vision Beckon Reflection Enlighten Timeless Majestic	Vision Beckon Reflection Enlighten Timeless Majestic	Vision Beckon Reflection Enlighten Timeless Majestic

PRODUCT NUMBERS

Medium

Tumbled Colors

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

Smooth Colors

Beckon	0072015
Enlighten	0072035
Majestic	0072019S
Reflection	0072016S
Timeless	0072001S
Vision	0072013S

PRODUCT NUMBERS

Large

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

Tapered

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



Smooth UNITY and SUMMIT STONE

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



Smooth UNITY and SUMMIT STONE

Pillar Construction

Decorative Pillars

Smooth and Tumbled SUMMIT STONE® LANDSCAPE UNITS is designed to let you build decorative pillars as individual accents or in combination with small decorative walls. No cutting or fitting is required.

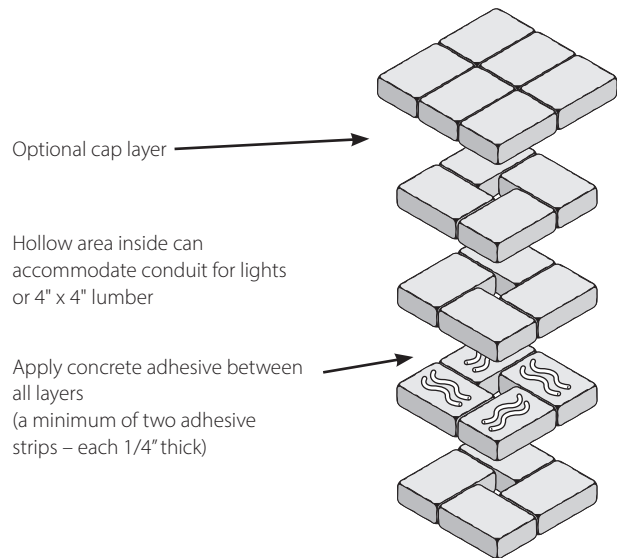
To make a pillar with SUMMIT STONE, place units in alternating layers as shown in the illustration below. Make sure you build on level and well compacted ground and recommended base pad. (Ask a SUMMIT STONE dealer for guidelines.)

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.

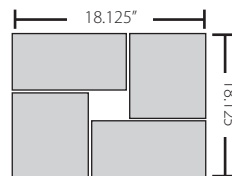
Pillars with Electrical Conduit

- 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.

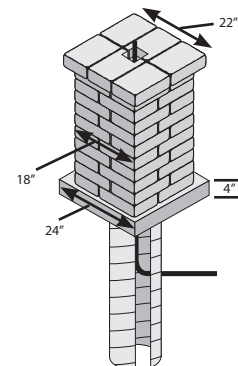
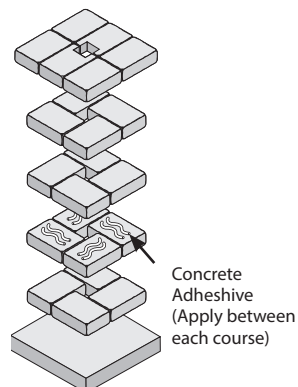
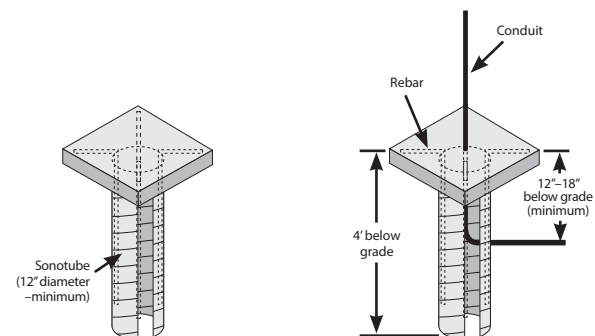
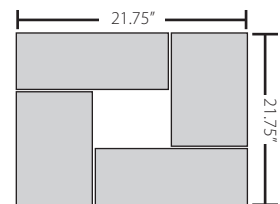


NOTE: Outside measurements of cap layer will be approximately 22"x 22". Post and wall heights should not exceed 36". For decorative walls, columns and steps, 1 to 2 layers of SUMMIT STONE units should be buried below grade for proper embedment.

Medium



Large



Smooth UNITY and SUMMIT STONE

Seat Walls, Alcoves and Tables

Seat Wall Patterns

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

Tables and Counters

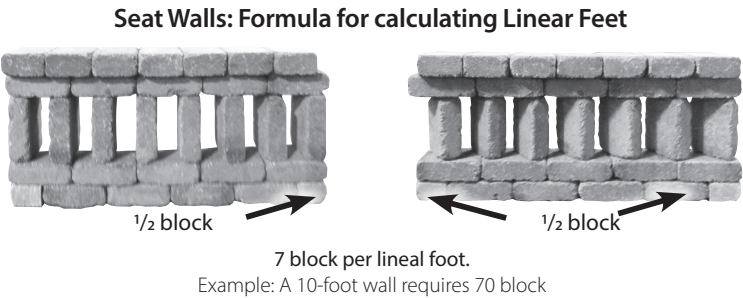
Add functionality to your outdoor living space with a Summit Stone constructed table, storage space, bar, etc.



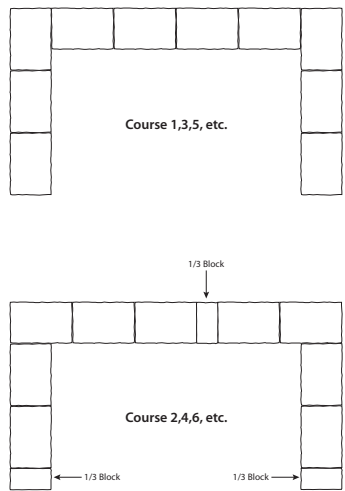
Special Features: Surrounds/Alcoves for Grills, Refrigerators, etc.

Enhance Your Outdoor Living Space

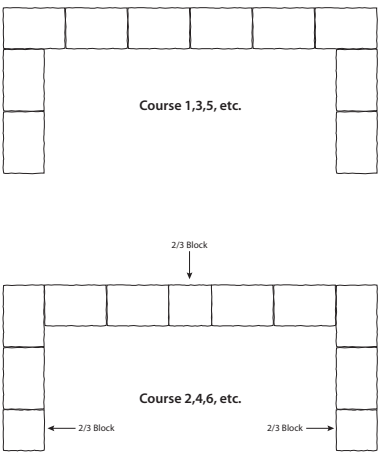
Outdoor kitchen appliances can be nestled into coves constructed of Summit Stone Landscape Units, giving your outdoor living space an attractive, completed appearance.



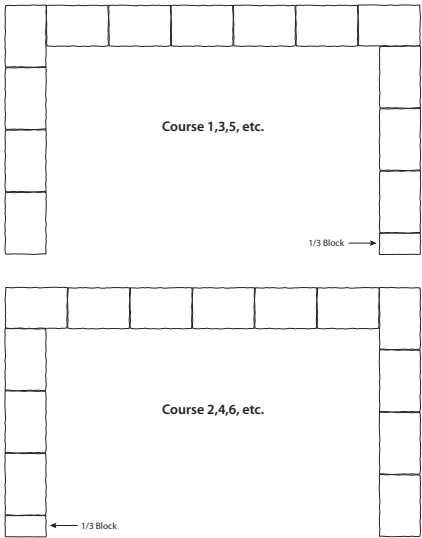
Alcove Layout #1



Alcove Layout #2



Alcove Layout #3

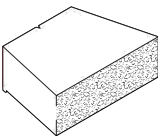


Straight Splitface WINSTON

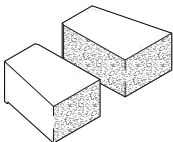
Straight Splitface WINSTON® WALL SYSTEM is manufactured with a rear lip, forming a setback design for simplified installations.



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



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



PRODUCT NUMBERS

Split Face Straight

Janesville Colors

Canyon Brown 0075550

Silvertone 0075552

Timeless 0075554

Roberts Colors

Canyon Brown 0047W06S

Graphite 0047W22S

Gray 0047W02S

Silvertone 0047W10S

October Oak 0047W18S

PRODUCT NUMBERS

Split Face Straight Corner

Janesville Colors

Canyon Brown 0075551

Silvertone 0075553

Timeless 0075555

Roberts Colors

Canyon Brown 0047W07S

Graphite 0047W23S

Gray 0047W03S

Silvertone 0047W11S

October Oak 0047W19S

SPECIFICATIONS

	Straight SRW Unit	Straight SRW Unit
Size (in.)	17 1/2 x 12	8 3/4 x 12
Pallet Type	Single	Single
Plant Production	Janesville / Roberts	Janesville / 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		

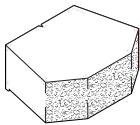
Gray*, Silvertone, Graphite*, Canyon Brown,
Timeless**, October Oak*

Tri-Split Splitface WINSTON

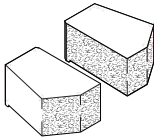
Tri-Split Splitface WINSTON® WALL SYSTEM offers a traditional aesthetic and features a rear lip system, forming a setback design for simplified installations.



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 90

PRODUCT NUMBERS

Tri-Split

Canyon Brown	0047W04S
Gray	0047W00S
Silvertone	0047W08S

Tri-Split Corner

Canyon Brown	0047W05S
Gray	0047W01S
Silvertone	0047W09S

SPECIFICATIONS

	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		

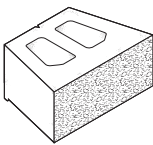
Canyon Brown, Gray, Silvertone

Splitface INTEGRITY

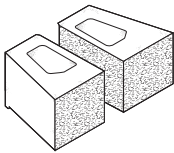
Splitface INTEGRITY™ WALL SYSTEM is a practical solution for even challenging applications, including multi-level terraces and slope protection. Splitface INTEGRITY™ WALL SYSTEM is manufactured to ensure efficient installation, increased stability, and lasting durability.



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 90.

PRODUCT NUMBERS

Split Face

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

Janesville Colors

Buff	0075402C
Gray	0075400C
Hush	0075406C
Silvertone	0075412C
Timeless	0075410C

Roberts Colors

Canyon Brown	0047810C
Graphite	0047807C
Gray	0047801C
Silvertone	0047808C

SPECIFICATIONS

	Stright SRW Unit	Stright Corner
Size (in.)	18 x 12	9 x12
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		

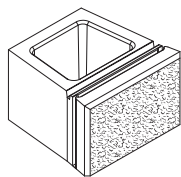
Gray, Buff, Silvertone, Hush, Canyon Brown,
Timeless, Graphite

Splitface COUNTY BLOCK

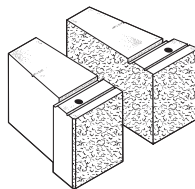
Splitface COUNTY BLOCK® WALL SYSTEM features a split face finish and offer an ideal solution for planting beds, steps, or multi-level terraces.



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 88.

PRODUCT NUMBERS

Split Face Standard Block

Canyon Brown	0075006B
Gray	0075000B
Silvertone	0075009B
Swiss Mocha	0075020B
Timeless	0075022B

Split Face Corner

Canyon Brown	0075006CB
Gray	0075000CB
Silvertone	0075009CB
Swiss Mocha	0075020CB
Timeless	0075022CB

SPECIFICATIONS

	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		
	0.66	0.33
pc	10.56	10.56
Layer	42	42
Pallet		
Per Pallet		
	4	4
Layers		
UNITS Per		
	1.5	3
SqFt	16	32
Layer	64	128
Pallet		
LBS Per		
	51	35.5
pc	741	1035
Layer	3264	4544
Pallet		
Colors		
Gray, Silvertone, Timeless, Swiss Mocha, Canyon Brown		

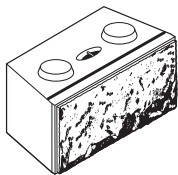
RIB ROCK

Special Order Rough Stack Product, Call for Availability

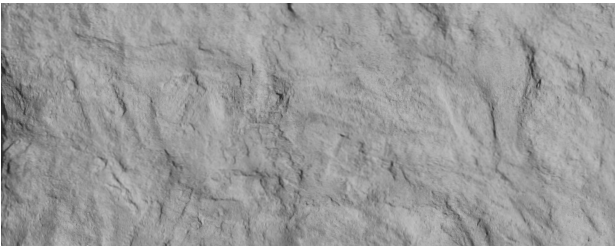
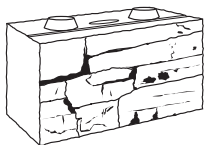
RIB ROCK™ RETAINING WALL SYSTEM can easily construct walls from 6 to 20 feet-high with additional site-specific engineering. Each block is manufactured with an interlocking design for simplified installation and enhanced security.



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

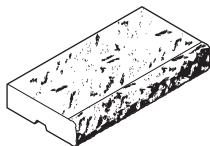


Dry Stack Texture
(Front finish)
23 x 48 IN
24 HEIGHT

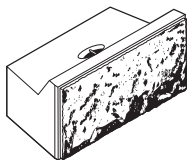


RIB ROCK Rough Texture

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

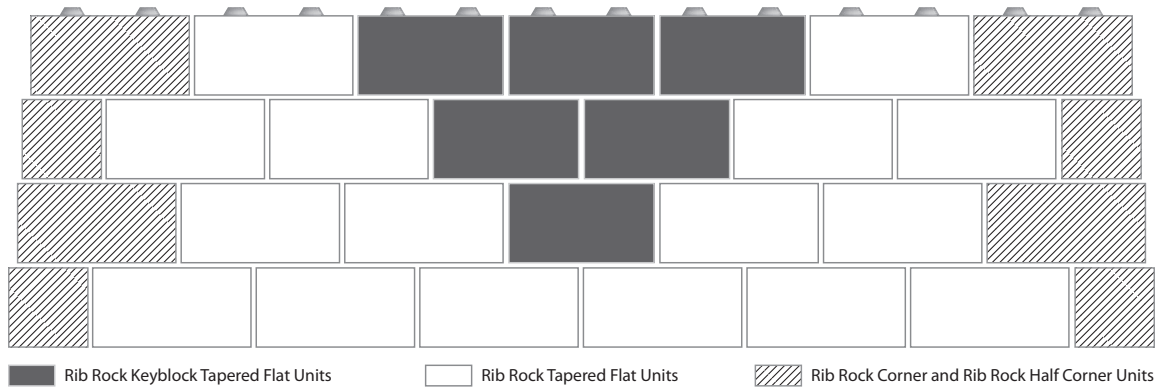
*The dimensions of all block do not include the face textures. The face textures extend away from the block and will vary from 1-3 inches.

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

RIB ROCK

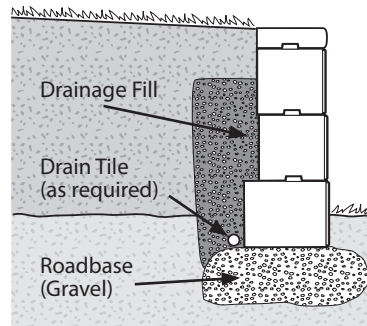
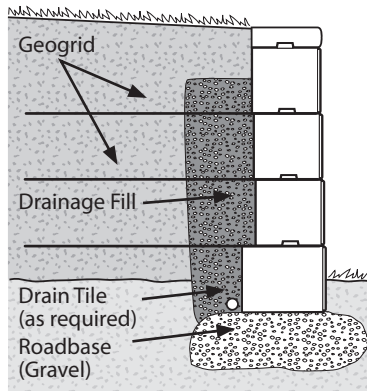
Installation

RIB ROCK Keyblock Installation

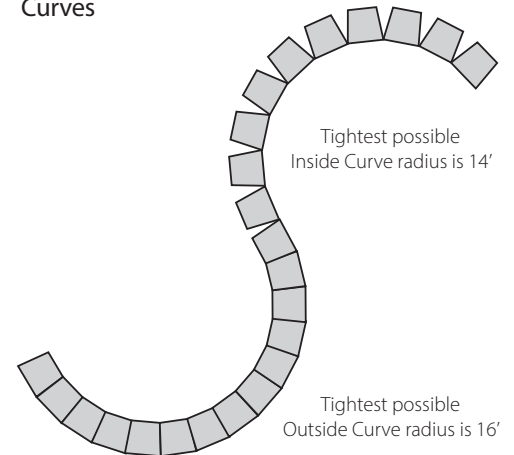


- Short Key Block are used on outside radius and on corners because you gain length due to the 2" set back on every block.
- Long Key Block are used on inside radius because you lose length due to the 2" set back on every block.

8 Foot Wall or Higher (RIB ROCK)



Curves



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

Engineering

RIB ROCK™ RETAINING WALL SYSTEM 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.

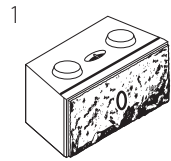
Engineering is available for oversize wall projects in the lower 48 states. Call a County Materials' representative at 800-289-2569 for information.

Units & Sizes

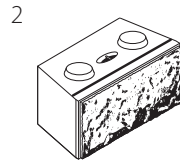
Available in Rough or Dry Stack Textures	D x H x L (Nominal Size) Inches	Face SF/Unit	Units/Pallet	Lbs/Pallet	Lbs/Unit	Dry Stack Face Product Number	Rough Face Product Number
1 – 6" PVC Drain Block 948 (PVC)	23 x 24 x 48	8	2	4,042	2,021	004194PVC	004184PVC
2 – 48" Regular Block (48T)	23 x 24 x 48	8	2	4,258	2,129	004194T	004184T
3 – 44" Short Key Block (44K)	23 x 24 x 44	7.32	2	3,610	1,805	004194T44	004184T44
4 – 52" Long Key Block (52K)	23 x 24 x 52	8.66	2	4,558	2,279	004194T52	004184T52
5 – Base Block (No Channel) (BB)	27 x 24 x 48	8	2	4,728	2,364	004195SB	004185SB
6 – Half Block (HB)	23 x 24 x 24	4	2	2,200	1,100	004196	004186
7 – Half Corner Block Left (24L)	23 x 24 x 24	8	2	2,628	1,314	004197HL	004187HL
8 – Half Corner Block Right (24R)	23 x 24 x 24	8	2	2,628	1,314	004197HR	004187HR
9 – Full Corner Block Left (48L)	27½ x 24 x 52	12	2	5,094	2,547	004197L	004187L
10 – Full Corner Block Right (48R)	27½ x 24 x 52	12	2	5,094	2,547	004197R	004187R
11 – Cap Regular	25 x 7 x 48	2.33	4	2,228	557	004198	004198
12 – Cap Corner Left	25 x 7 x 48	2.33	4	2,344	586	004198L	004198L
13 – Cap Corner Right	25 x 7 x 48	2.33	4	2,344	586	004198R	004198R
14 – Cap 2-Sided – Face & Back	25 x 7 x 48	2.33	4	2,172	543	004199	004199
15 – Cap 3-Sided – Face, Back & End	25 x 7 x 48	2.33	4	2,212	553	004199RL	004199RL
16 – TOP Block - 48" Regular (48TB)	23 x 24 x 48	8	2	3,380	1,690	00419900DT	00419900RT
17 – TOP Block - Half Block (24TB)	23 x 24 x 24	4	2	1,866	933	00419906DT	00419906RT
18 – TOP Block - Full Corner Right (48RTB)	27½ x 24 x 52	12	2	4,366	2,183	00419914DT	00419914RT
19 – TOP Block - Full Corner Left (48LTB)	27½ x 24 x 52	12	2	4,366	2,183	00419912DT	00419912RT
20 – TOP Block - Half Corner Left (24LTB)	23 x 24 x 24	8	2	2,320	1,160	00419908DT	00419908RT
21 – TOP Block - Half Corner Right (24RTB)	23 x 24 x 24	8	2	2,320	1,160	00419910DT	00419910RT
22 – TOP Block - 44" Short Key (44TB)	23 x 24 x 44	7.32	2	3,116	1,558	00419902DT	00419902RT
23 – TOP Block - 52" Long Key (52TB)	23 x 24 x 52	8.66	2	3,714	1,857	00419904DT	00419904RT

RIB ROCK

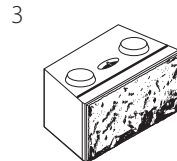
Units & Sizes



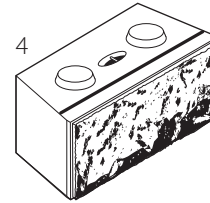
6" PVC Drain Block



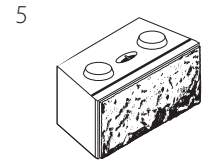
Regular Block



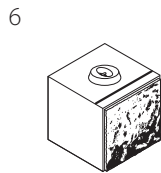
44" Short Key Block



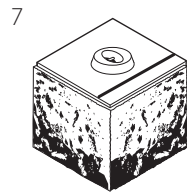
52" Long Key Block



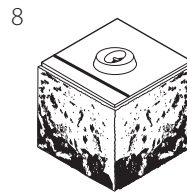
Base Block (No Channel)



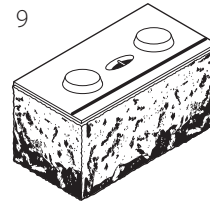
Half Block



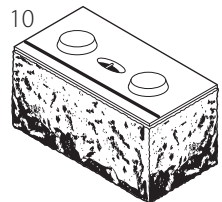
Half Corner Block LH



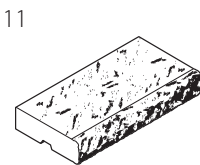
Half Corner Block RH



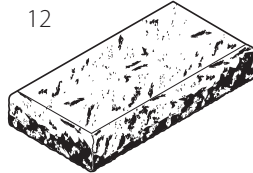
Full Corner Block Left



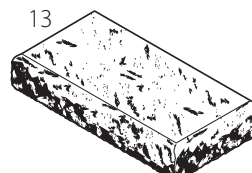
Full Corner Block Right



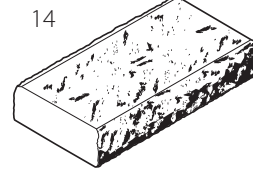
Regular Cap



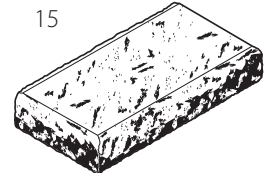
Corner Cap Left



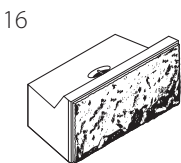
Corner Cap Right



Cap - 2 Sided
Face & Back

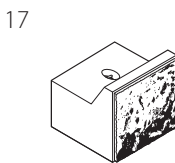


Cap - 3 Sided
Face, Back & End



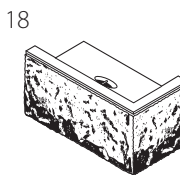
16

Half Corner
Top Block Left



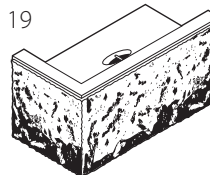
17

Half Corner
Top Block Right



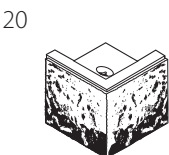
18

44" Short Key
Top Block

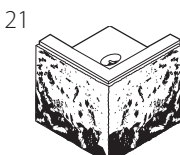


19

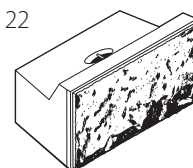
52" Long Key
Top Block



20

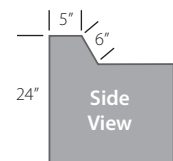


21



22

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



(Dimensions shown
are Nominal Sizes)

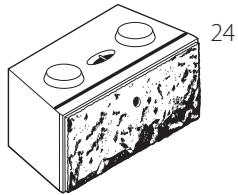
Units & Sizes

Rib Rock	D x H x L (Nominal Size) Inches	Face SF/Unit	Units/ Pallet	Lbs/Pallet	Lbs/Unit	Dry Stack Face Product Number	Rough Face Product Number
24 – Light Block (48LB)	23 x 24 x 48	8	2	4,128	2,064	004194LIT	004184LIT
24.5a - Inside Corner Left	23 x 24x 48	NA	2	4,024	2,012	004193L	004190L
24.5b - Inside Corner Right	23 x 24 x 48	NA	2	4,024	2,012	004193R	004190R
25 – Sloped Block Right (48SR)	23 x 24 x 48	NA	1	1,477	1,477	004194SR	004184SR
26 – Sloped Block Left (48SL)	23 x 24 x 48	NA	1	1,477	1,477	004194SL	004184SL
27 – Half High - 48" Regular Block (HH48)*	23 x 12 x 48	4	4	4,860	1,215	004194THH	N/A
28 – Half High - 44" Short Key Block (HH44)	23 x 12 x 44	3.66	4	3,560	890	004194T44HH	N/A
29 – Half High - 52" Long Key Block (HH52)*	23 x 12 x 52	4.33	4	4,372	1,093	004194T52HH	N/A
30 – Half High - Base Block (No Channel) (HHBB)*	27 x 12 x 48	4	4	4,868	1,217	004195SBHH	N/A
31 – Half High - Half Block (HHHB)**	23 x 12 x 24	2	4	2,228	557	004196HH	N/A
32 – Half High - Half Corner Block Left (HH24L)*	23 x 12 x 24	4	4	2,644	661	004197HLHH	N/A
33 – Half High - Half Corner Block Right (HH24R)*	23 x 12 x 24	4	4	2,644	661	004197HRHH	N/A
34 – Half High - Full Corner Block Left (HH48L)*	27½ x 12 x 52	6	4	5,072	1,268	004197LHH	N/A
35 – Half High - Full Corner Block Right (HH48R)*	27½ x 12 x 52	6	4	5,072	1,268	004197RHH	N/A
36 - Half High Top Block - 48" Regular Block*	23 x 12 x 48	4	4	3,380	845	00419918DT	N/A
37 - Half High Top Block - 44" Short Key*	23 x 12 x 44	3.65	4	3,116	779	00419919DT	N/A
38 - Half High Top Block - 52" Long Key*	23 x 12 x 52	4.35	4	3,716	929	00419920DT	N/A
39 - Half High Top Block - Half Block*	23 x 12 x 24	2	4	1,868	467	00419921DT	N/A
40 - Half High Top Block - Half Corner Left*	23 x 12 x 24	2	1/Pallet	580	580	00419922DT	N/A
41 - Half High Top Block - Half Corner Right*	23 x 12 x 24	2	1/Pallet	580	580	00419923DT	N/A
42 - Half High Top Block - Full Corner Left*	27 ^{1/2} x 12 x 52	6	4	4,368	1,092	00419924DT	N/A
43 - Half High Top Block - Full Corner Right*	27 ^{1/2} x 12 x 52	6	4	4,368	1,092	00419925DT	N/A

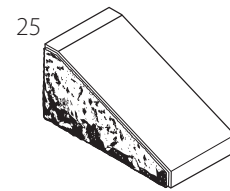
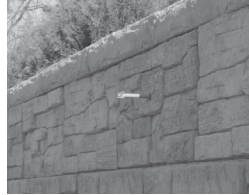
*Dry Stack Texture Only

RIB ROCK

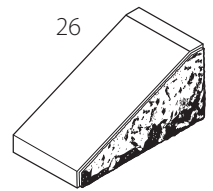
Units & Sizes



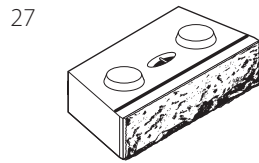
Light Block



Full Sloped
End Block Right



Full Sloped
End Block Left



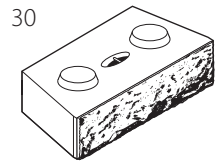
Half High Regular Block



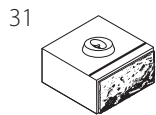
Half High 44\"/>



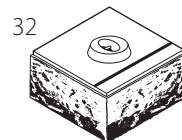
Half High 52\"/>



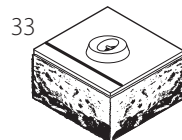
Half High Base Block
(No Channel)



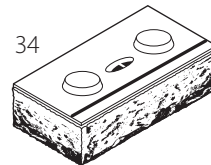
Half High
Half Block



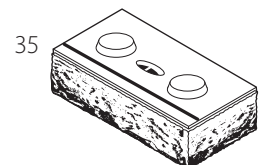
Half High
Half Corner Block LH



Half High
Half Corner Block RH



Half High
Full Corner Block Left

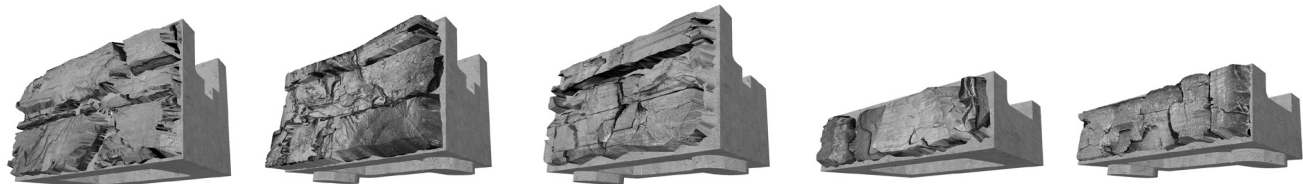


Half High
Full Corner Block Right

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

MagnumStone

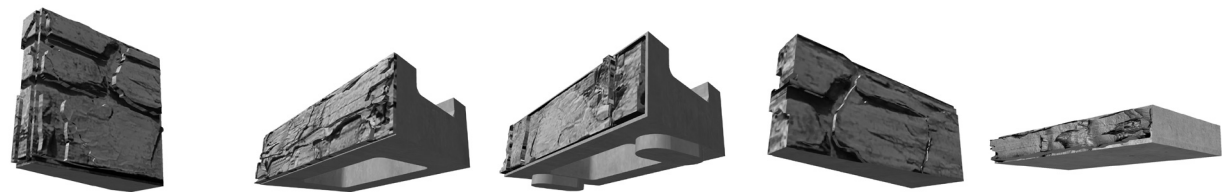
MagnumStone® RETAINING WALL SYSTEM
(NEW) MagnumStone Gravity Retaining Wall
Extenders replace Geogrid reinforcements by
using a tongue-and-groove concrete system
to meet or exceed the demands of engineers.
This system reduces the massive footprint of
traditional cantilevered gravity retaining walls
and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



SPECIFICATIONS

	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	Janesville/Roberts	Janesville/Roberts	Janesville/Roberts	Janesville/Roberts	Janesville/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

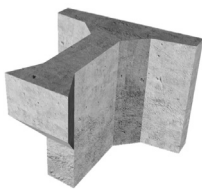
MagnumStone



	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	Janesville/Roberts	Janesville/Roberts	Janesville/Roberts	Janesville/Roberts	Janesville/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	
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 - Extensions

Contact your local representative for specifications



2ft Extender
24 x 30 IN



4ft Extender
48 x 30 IN

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 6'x150' (per roll)

Landscape Fabric

Product
Mirascape 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)

COPING

- 88 Wall & Pillar Caps
- 92 PRESTIGE™ COPING PAVERS
- 92 Demi PRESTIGE™ COPING PAVERS
- 92 Grand CREST™ COPING PAVERS



WALL & PILLAR CAPS



PRODUCT NUMBERS

Split Face Rectangle Cap - Double Sided

<i>Janesville</i>	
Buff	0076500
Canyon Brown	0076503
Silvertone	0076515
Swiss Mocha	0076518
Vision	0076524
Graphite	0076506
Gray	0076509

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

Split Face Trapezoid Cap - Double Sided

	<i>Janesville</i>	<i>Roberts</i>
Buff	0074303U	NA
Canyon Brown	0074304U	004C64W
Graphite	0074305U	004C65W
Silvertone	0074307U	004C66W
Swiss Mocha	0074308U	004C67W
Gray	0074302U	004C63W
Hush	0074306U	NA
Timeless	0074309U	NA
October Oak	NA	004C69W

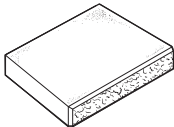
Compatibility: Tribute Wall Systems, Winston, Integrity, County Block, Unity, and Summit Stone

Smooth Rectangle Cap - Double Sided

<i>Janesville</i>	
Enlighten	0076038N
Majestic	0076032N
Timesless	0076029N
Vision	0076023WN
Reflection	0076035N
Allure	0076041N

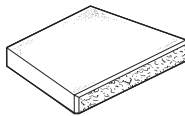
Compatibility: Tribute Wall Systems, Winston, Integrity, County Block, Unity, Summit Stone

Splitface Rectangle Cap Double sided



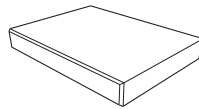
13 5/8 x 18 IN
3 HEIGHT

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

SPECIFICATIONS

	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	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 Timeless Silvertone Graphite Buff Swiss Mocha Canyon Brown Gray	Vision Timeless Silvertone Buff October Oak Swiss Mocha Canyon Brown Graphite Gray Hush	Allure Vision Majestic Timeless Reflection Enlighten
Compatibility			
Tribute Wall Systems, Winston, Integrity, County Block, Unity, Summit Stone			

WETCAST CAPS

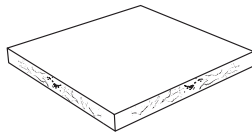


Wetcast Rectangle Cap



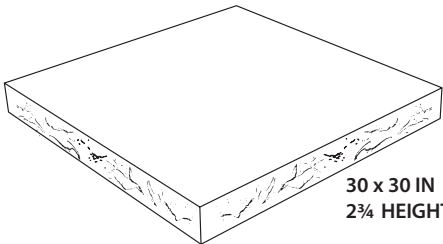
14 x 30 IN
2 3/4 HEIGHT

Wetcast 24"x24" Column Cap



24 x 24 IN
2 3/4 HEIGHT

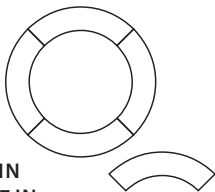
Wetcast 30"x30" Column Cap



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

Reflection 380710

Vision 380711

Column Cap

Reflection 380720

Vision 380721

Rectangle Cap

Reflection 380714

Vision 380715

Fire Pit Cap

Reflection 380716

Vision 380717

SPECIFICATIONS

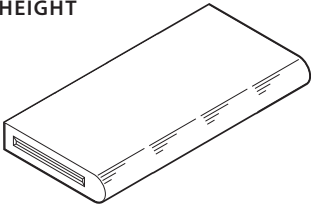
	Rectangle Cap	Column Cap	Column Cap	Fire Pit Cap
Size (in.)	14 x 30	24 x 24	30 x 30	4pcs = 39"
Pallet Type	Single	Single	Single	Single
Plant Production	NA	NA	NA	NA
Thickness (in.)	2 3/4	2 3/4	2 3/4	2 3/4
SQFT Per				
pc	2.5	N/A	N/A	N/A
Layer	N/A	N/A	N/A	N/A
Pallet	45	N/A	N/A	N/A
UNITS Per				
Inl ft	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 Reflection	Vision Reflection	Vision Reflection	Vision Reflection
Compatibility				
	Tribute Wall System Winston Integrity County Block Unity Summit Stone	Tribute Wall System Summit Stone	Tribute Wall System Unity Column	Summit Circle Fire Pit

COPING PAVERS

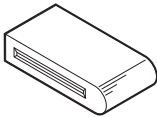
PRESTIGE, Demi PRESTIGE, & Grand CREST

PRESTIGE™ COPING PAVERS, Demi PRESTIGE™, and Grand CREST™ with their longer, bullnose shape, are uniquely suited for pool coping applications to finish pool edges with refined style. Units are also suitable for steps, freestanding wall caps, and more.

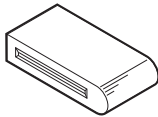
PRESTIGE
14 x 24
2 3/4" HEIGHT



Demi PRESTIGE
8 x 14
2 3/4" HEIGHT



Grand CREST
8 x 14
2 3/4" HEIGHT



PRODUCT NUMBERS

PRESTIGE™ COPING PAVERS Bullnose Burnished

Janesville Colors

Quiet Beach	0071200
Galaxy	0071202
Sea Salt	0071204



Demi PRESTIGE™ COPING PAVERS Bullnose Burnished

Janesville Colors

Quiet Beach	0071210
Galaxy	0071211
Sea Salt	0071212



Grand CREST™ COPING PAVERS Bullnose

Janesville Colors

Reflection	0071213
Vision	0071220
Majestic	0071215
Timeless	0071214



SPECIFICATIONS

	PRESTIGE Coping/Cap 14 x 24	DemiPRESTIGE Coping/Cap 8 x 14	Grand CREST Coping/Cape 8 x 14
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	8	8	8
UNITS per			
SqFt	0.5	1.5	1.5
Layer	4	18	18
Pallet	32	144	144
LBS per			
pc	73	24	24.30555
Layer	313.25	437	437
Pallet	2,336	3500	3500
Colors			
	Sea Salt Quiet Beach Galaxy	Sea Salt Quite Beach Galaxy	Vision Reflection Timeless Majestic
Compatibility			
Tribute Wall Systems, Winston, Integrity, County Block, Unity, Summit Stone			
Applications			
Single & Double Sided Walls, Steps & Treads, Pool Coping			

STEP Units

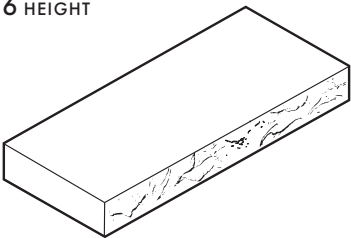
- 92 PASSAGEWAYS® STEP UNITS Landscape Step Units
- 93 Landscape Step Units
- 93 Oversize Landscape Step Units

PASSAGEWAYS

PASSAGEWAYS STEP UNITS feature 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



SPECIFICATIONS

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

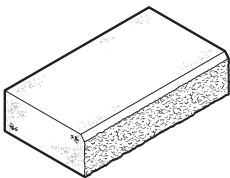
PRODUCT NUMBERS

PASSAGEWAYS Step Units	
Beckon	0070145
Reflection	0070141
Vision	0070143
Timeless	0070144
Majestic	0070146

PASSAGEWAYS® STEP with Glow Path Technology	
Reflection	007GP045
Vision	007GP046

LANDSCAPE STEP UNITS and OVERSIZE LANDSCAPE STEP UNITS

Landscape Step Units 14 x 24 IN 6 HEIGHT



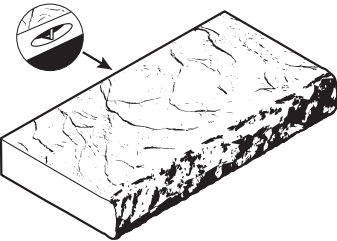
Landscape Step Units’ smooth stepping surface provides solid and safe footing. Their size speeds up step installation time and reduces the amount of retaining wall block needed.



PRODUCT NUMBERS

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

Oversize Landscape Step Units 25 x 48 IN 6 1/4 HEIGHT



Oversize Landscape Step 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	
Gray	004188G3
Camel	004188C3



SPECIFICATIONS

Landscape Step Unit	
Size (in.)	14 x 24 x 6
Plant Production	Roberts
UNITS per Pallet	10
LBS per Pallet	1680
Colors	Vision, Gray, October Oak, Silvertone, Graphite, Canyon Brown

Oversize Landscape Step Units	
Size (in.)	25 x 48 x 6 1/4
Plant Production	Marathon
UNITS per Pallet	4
LBS per Pallet	3085
Colors	Gray, Camel

Notes

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



FIRE PITS

- 95 Smooth TRIBUTE® Square Fire Pit Kit
- 96 Smooth UNITY™ Square Fire Pit Kit
- 98 SUMMIT STONE® Square Fire Pit Kits
- 99 SUMMIT STONE® Circle Fire Pit Kits
- 99 Circle Fire Pit Cap

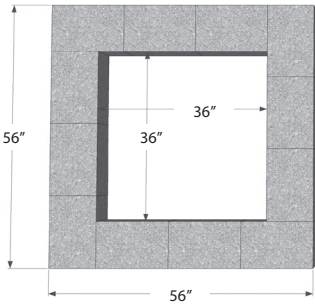
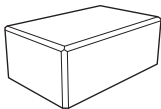
SMOOTH TRIBUTE

Achieve sophistication with our Smooth TRIBUTE® Square Fire Pit Kit. Kits include a 56" x 56" 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.

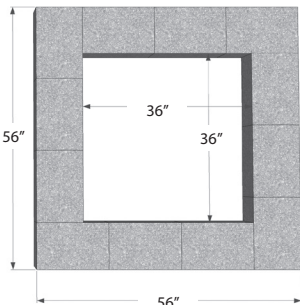


Full Unit

10 ¹/₈ x 15 ⁵/₈ IN
6 HEIGHT



LAYER 1



LAYER 2

PRODUCT NUMBERS

Square Fire Pit

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

36" x 36" Square Steel Insert
007263FPI

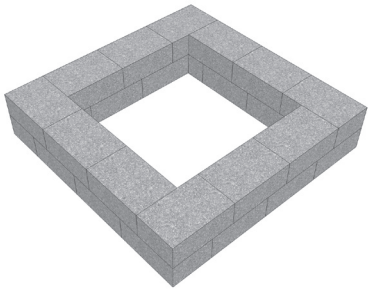
Add 24 Tribute Smooth Corner Units

Fire Pit Kit

Timeless	0073060
Reflection	0073062
Majestic	0073064
Enlighten	0073066
Allure	0073068

SPECIFICATIONS

Units	Square
Insert (in.)	24 36 x 36
Colors	Vision, Reflection, Majestic, Timeless, Enlighten, Allure



ASSEMBLED

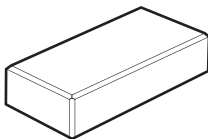


SMOOTH UNITY

Achieve sophistication with our Smooth UNITY™ Square Fire Pit Kit. Kits include a 54" x 54" 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.



Large
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

Large Fire Pit Kit	
Enlighten	0077006
Majestic	0077002
Timeless	0077004
Vision	0077000
Reflection	0077008
Allure	0077010

SPECIFICATIONS

Square	
Units	30
Insert (in.)	36 x 36
Colors	
Vision, Reflection, Majestic, Timeless, Enlighten, Allure	



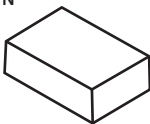
SUMMIT STONE

Our popular Smooth and Tumbled SUMMIT STONE® Square Fire Pit Kits make great fire features. Square fire pit kits include a 51" x 51" 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.



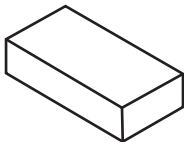
Medium

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



SPECIFICATIONS

Square Fire Pit	
Medium Units	24
Large Units	18
Insert (in.)	36 x 36
Colors	

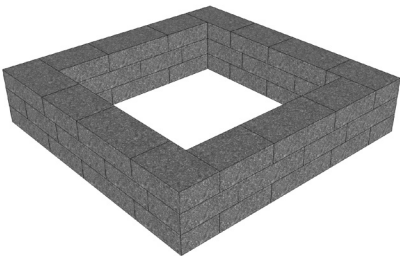
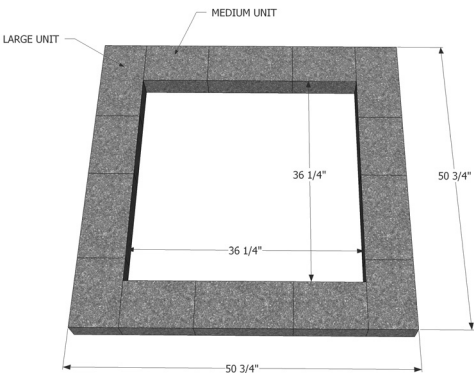
Vision, Enlighten, Beckon,
Majestic, Timeless, Reflection

PRODUCT NUMBERS

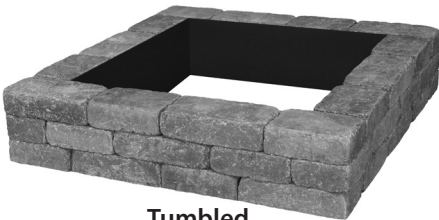
Square Fire Pit Kit
Requires (1) 36" Square Steel Insert and 24 Medium and 18 Large Summit Stone in Smooth or Tumbled Units
36" x 36" Square Steel Insert
007263FPI
Add 24 Medium & 18 Large Units

Square Smooth Kit	
Timeless	0073024
Vision	0073026
Reflection	0073040
Majestic	0073042
Enlighten	0073042
Beckon	0073034

Square Tumbled Kit	
Timeless	0073036
Vision	0073038
Reflection	0073040
Majestic	0073042
Enlighten	0073044
Beckon	0073046



Smooth



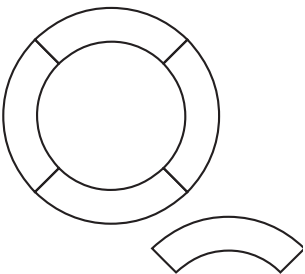
Tumbled

SUMMIT STONE

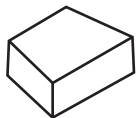
Smooth and Tumbled SUMMIT STONE® Circle Fire Pit Kits make great fire features. Kits include a 39" diameter steel ring. Top off with a specially designed fire ring cap.



Inside Diameter – 39
Outside Diameter – 57
Height – 2¾



Tapered
7 ¼ x 9 ⅞ IN
3 ⅝ HEIGHT



SPECIFICATIONS

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

PRODUCT NUMBERS

Circle Fire Pit Kit

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

Tapered Kit Smooth

Timeless 0073000

Vision 0073050

Reflection 0073004

Majestic 0073006

Enlighten 0073008

Beckon 0073010

Taper Tumbled Kit

Timeless 0073012

Vision 0073014

Reflection 0073016

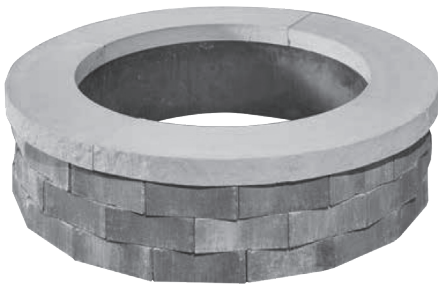
Majestic 0073018

Enlighten 0073020

Beckon 0073022



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 Warranty

LIMITED WARRANTY AND REMEDY-EXCLUSIVE LIMITED WARRANTY. Seller warrants that Products sold under this Agreement meet solely the description and specifications for the same set forth in the Order, if any, and conform subject to reasonable variance in accordance with normal industry practice, with the applicable ASTM Standard/Specifications. FOR RESIDENTIAL BUYERS, COUNTY MATERIALS WARRANTS ITS CONCRETE PAVERS THAT THE PRODUCTS MEET THE DESCRIPTION SET FORTH IN THE AGREEMENT FOR THE PERIOD OF BUYER'S HOME OWNERSHIP. FOR COMMERCIAL PROJECTS, COUNTY MATERIALS WARRANTS ITS CONCRETE PAVERS MEET THE DESCRIPTION SET FORTH IN THE AGREEMENT FOR 5 YEARS AFTER SUBSTANTIAL COMPLETION OF THE PROJECT. This warranty is not assignable or transferable. This limited warranty applies only if the products are installed as directed by the CMHA <https://www.masonryandhardscapes.org> and County Materials' applicable installation guidelines. Improper storage, abrasion, overloading, or misuse, such as delamination, splitting, chipping, or staining, voids this limited warranty. The original proof of purchase is necessary. Color matching cannot be guaranteed. THE FOREGOING WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WRITTEN OR ORAL WARRANTIES OR CONTRACTUAL AGREEMENTS, whether express or implied by law, including the Uniform Commercial Code as enacted in the State of Wisconsin or elsewhere, or otherwise, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. Buyer makes no representations or warranties regarding or relating to Buyer's or third parties' selection of this Product, or any storage, handling, maintenance, and/or application/installation of the Product.

PRODUCT Warranty - Terms and Conditions

LIMITED WARRANTY AND REMEDY-EXCLUSIVE LIMITED WARRANTY. Seller warrants that Products sold under this Agreement meet solely the description and specifications for the same set forth in the Order, if any, and conform, or exceed, subject to reasonable variance in accordance with normal industry practice, with the applicable ASTM Standard/Specifications for a period of thirty (30) days from delivery thereof. Acceptance by Buyer of the Products shall constitute confirmation that the Products meet the description set forth in this Agreement. THE FOREGOING WARRANTY IS IN LIEU OF AND EXCLUDES ALL OTHER WRITTEN OR ORAL WARRANTIES OR CONTRACTUAL AGREEMENTS, whether express or implied by law, including the Uniform Commercial Code as enacted in the State of Wisconsin or elsewhere, or otherwise, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY. Buyer makes no representations or warranties regarding or relating to Buyer's or third parties' selection of this Product, or any storage, handling, maintenance, and/or application/installation of the Product.

LIMITED WARRANTY AND REMEDY- BUYER'S EXCLUSIVE REMEDY FOR BREACH OF THE WARRANTY SET FORTH ABOVE OR OTHERWISE. Buyer's exclusive remedy shall be to require Seller, at Seller's option, to refund the Purchase Price for the Products sold hereunder or to repair or replace any nonconforming Products. Costs of return or redelivery of defective Products, labor, removal and reinstallation charges are not included in the remedy and shall be borne

by Buyer. NO OTHER REMEDY for breach of this warranty, express or implied including claims for any breach of the implied warranty of fitness for a particular purpose or the implied warranty of merchantability SHALL BE AVAILABLE TO BUYER. ANY CLAIM FOR INCIDENTAL AND/OR CONSEQUENTIAL DAMAGES for lost profits, income, interest, lost sales, injury to property, attorney fees, consultant's fees or any other incidental or consequential loss IS THEREFORE BARRED PURSUANT TO THE TERMS OF THIS EXCLUSIVE REMEDY; the above limitations do not include damages related to personal injury. Seller will not be liable for defects in this Product caused by improper installation, application, modification or alteration of this Product.

LIMITATION OF LIABILITY. SELLER'S LIABILITY ON ANY CLAIM for loss or damage arising out of the supplying of any Products to Buyer, or their sale, operation or use, whether based on contract, warranty, tort (including negligence) or other grounds, SHALL NOT EXCEED THE PRICE OF THE PRODUCTS ACTUALLY RECEIVED BY BUYER from Seller with regard to which such claim for loss or damage is made. IN NO EVENT SHALL SELLER BE LIABLE, whether as a result of breach of contract, warranty, tort (including negligence) or other grounds, FOR SPECIAL, CONSEQUENTIAL, INCIDENTAL, LIQUIDATED OR PENAL DAMAGES including, but not limited to, loss of profits or revenue, loss of use of the Products or any associated Product, cost of capital, cost of substitute Products, facilities, services, downtime costs, or claims of customers of the Buyer for such damages; the above limitations do not include damages related to personal injury.

County Materials Corporation **TECHNICAL DATA** Pavers, Slabs, Segmented Retaining Walls (SRW'S) and Free-Standing Retaining Walls (FSW'S)

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 Corporation recommends immediately verifying the Product and color upon receipt, and prior to opening pallets. For any discrepancies, contact your local County Materials Corporation representative before installation. Use of Product constitutes acceptance.

PROPER COLOR DISTRIBUTION AND INSTALLATION

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 masonry industry's best practices, according to CHMA standard specifications, and the manufacturer's instructions. County Materials Corporation is not liable or responsible for loss or damage resulting from improper storage, handling, maintenance, or installation. 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 Corporation 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 of the use of the joint materials selected with the concrete product selected. County Materials accepts no responsibility or liability for Buyer's use of joint material with our concrete pavers and slabs

CLEANING AGENTS

Always keep units clean during construction. Harsh cleaning methods after units have been installed might mar the surface of units. Concrete cleaning agents are not required but are an option for all County Materials Corporation concrete masonry units. There are many different cleaning agents specific to application requirements and desired results. Cleaning agent manufacturers recommended are PROSOCO, and EaCo Chem Inc. 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 wall panel not less than 4 feet by 4 feet prior to Buyer approval. County Materials Corporation accepts no responsibility or liability for the use of cleaning agents on our concrete masonry products.

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.

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 concrete masonry units 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 Corporation accepts no responsibility or liability for the occurrence of construction residue or concrete stains.

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.

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.

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, CMHA 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). County Materials Corporation is not liable or responsible for loss or damage resulting from improper storage, handling, maintenance, or installation. Follow all applicable warnings, advisories, and instructions.

****Aspect Ratio Disclaimer**:** County Materials Corporation unit "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 "slab(s)" are suitable for the specific project. County Materials Corporation recommends consulting with a qualified professional to assess suitability for the project. County Materials Corporation accepts no responsibility or liability for the use of unit "slab(s)" in a vehicular application.

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.

Buyer 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 buyer.

