



## SPECIFICATIONS GUIDE

Pavers, Retaining Walls, Outdoor Living & Landscape Accessories



## **RESOURCE GUIDE**

Our Company
Dimensional Compatibility
Genesis Face-Mix Technology®
Patio Paver Conversion Chart
Installation Guidelines   Pavers & Slabs

#### Pavers, Slabs & Permeable

VANTAGE PAVERS® 4x8
VANTAGE PAVERS®
Grand VANTAGE PAVERS®
DISCOVER PAVERS®
Grand DISCOVER PAVERS®
Grand XL DISCOVER PAVERS®
Grand TRANQUILITY PAVERS®
Grand FUSION PAVERS™
ELEMENTS™ Paving Stones
Glow Path Technology™
DESTINATION PAVERS®
INFLUENCE PAVERS®
ESSENCE® Wood Grain Plank Pavers
SKYLANDS™ Concrete Deck Pavers
H <sub>2</sub> O PRO <sup>®</sup> Permeable Pavers
REJUVENATE® Permeable Pavers

#### Wall Systems

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





















SCAN for full product offerings



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

Tim Sonnentag OWNER, COUNTY MATERIALS CORPORATION



Proud to be American based and American made since 1946



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

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

# **GOUNTY**<sup>®</sup> MATERIALS CORPORATION

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

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

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



Vantage

Pavers

Discover Pavers

Elements

Paving

Stones (4x8)

Elements

Paving

## What are **DIMENSIONALLY COMPATIBLE PAVERS?**

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

## **Offering Limitless Design Potential**

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



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



Dimensionally Compatible

# GENESIS **FACE-MIX**, what is it?

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

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

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



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



Face-Mix

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 highcompressive strength.

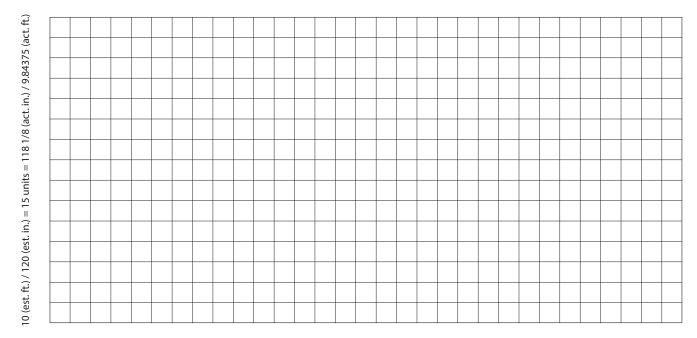
#### County Materials' pavers and slabs are backed by our customer warranty.

#### 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	77/8	.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	3857/8	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



## Equation Formulas $x(ft) \times 12 = x(in)$

7 1⁄8 = 1 unit x(in) ÷ 7 % = x(unites) x(units) x 7 ¾ = unit (in) unit (in)  $\div$  12 = unit (ft)

## Solve for 10x20 patio 10ft Convertion 10 ft x 12 in = 120 inch120 in ÷ 7 7/8 in = 15.23 units 15 units x 7 7/8 = 118.125 in 118.125 ÷ 12 in = 9.84375 in

## Answer:

## 10 x 20 Patio Example

20 (est. ft. / 240 est. in.) = 31 units = 244 1/8 (act. in.) / 20.34375 (act. ft)

## 20ft Convertion

20 ft x 12 in = 240 inch 240 in ÷ 7 1/8 in = 30.47 units 31 units x 7 ¾ = 244.125 in 244.125 ÷ 12 in = 20.34375 in

- 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 underaround 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).

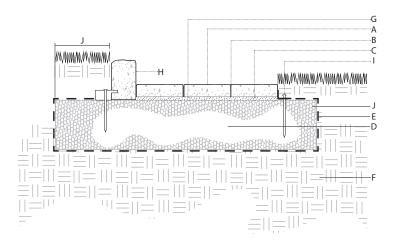
## **Base Material**

- 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



## 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**

- 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.

- When cutting paving stones, always wear personal protective equipment.
- must be reinforced using steel rods.



- 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

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

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 quillotine or a concrete saw.

D) Once you finish installing your paving stones, you can then install the specified edge restraint. In a vehicular traffic application, the concrete



## 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

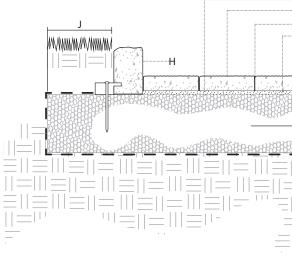
- A) Before excavating, call all local utility companies (e.g., phone, gas, electrical) to ensure that the area in which you plan to dig is clear of underground cables or wires. If any are found, please notify the appropriate companies before you continue.
- B) When excavating, it is important to achieve a slope in increments of 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 0-34" [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  $\pm 38''$  (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**

- by the pipes with concrete sand.
- distribution of color. Furthermore, you should proceed with the cubes from top to bottom.
- 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.



- A County Materials Concrete Slabs.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) (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
- J Base stone extends beyond edge of pavement to a minimum of 6" (150 mm) or equal to depth of base stone

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

B) Color of concrete products may vary significantly between production lots. Install concrete slabs from several pallets to ensure

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

Notes		

# PAVERS, SLABS & PERMEABLE

- 17 VANTAGE PAVERS<sup>®</sup> 4x8
- 18 VANTAGE PAVERS®
- 19 Grand VANTAGE PAVERS®
- 22 DISCOVER PAVERS®
- 23 Grand DISCOVER PAVERS®
- 4 Grand XL DISCOVER PAVERS®
- 26 Grand TRANQUILITY PAVERS<sup>®</sup>
- 27 Grand FUSION PAVERS™

29	ELEMENTS <sup>™</sup> Paving Stones
34	Glow Path Technology™
37	DESTINATION PAVERS®
39	INFLUENCE PAVERS®
41	ESSENCE <sup>®</sup> Wood Grain Plank Pave
43	SKYLANDS <sup>™</sup> Concrete Deck Pave
48	H <sub>2</sub> O PRO <sup>®</sup> Permeable Pavers
52	REJUVENATE <sup>®</sup> Permeable Pavers

## Paver Application, Palletization & Availability Table

Pavers & Slabs	Vehicular Traffic	Pool Deck	Commercial	Pedestrian	How Is This Product Pallet- ized?	Product Availability
Dimensionally Compatible Pav	/ers					
VANTAGE PAVERS® (70mm)	•	•	•	•	3 pc Combo	Stocked
VANTAGE PAVERS® 4x8 (70mm)	•	•	•	•	Individual sizes palletized separately	Stocked
Grand VANTAGE PAVERS® (70mm)		٠		•	3 pc Combo	Stocked
DISCOVER PAVERS® (70mm)	•	•	•	•	3 pc Combo	Stocked
Grand DISCOVER PAVERS® (70mm)		•		•	3 pc Combo	Stocked
Grand XL DISCOVER PAVERS® (70mm)		٠		•	Individually palletized / one size only	Stocked
Grand FUSION PAVERS™		•		•	3 pc Combo	Stocked
Grand TRANQUILITY PAVERS® (70mm)		•		•	3 pc Combo	Stocked
ELEMENTS <sup>™</sup> Paving Stones - 4x8 (70mm)	•	•	•	•	Individual sizes palletized separately	Stocked
ELEMENTS <sup>™</sup> Paving Stones - 8x16 (70mm)	•	•	•	•	Individual sizes palletized separately	Stocked
Unique Size & Finish Pavers						
DESTINATION PAVERS® (70mm)		٠		•	4 pc Combo (4 unique sizes / 9 face styles)	Stocked
INFLUENCE PAVERS® (80mm)	•	•	•	•	5 pc Combo	Stocked
ESSENCE® Wood Grain Plank Pavers (80mm)	•	•	•	•	5 pc Combo	Stocked
SKYLANDS™ Concrete Deck Pavers (51mm)		•		•	Individually palletized	Stocked
Permeable Pavers						
H <sub>2</sub> O PRO <sup>®</sup> Pavers Permeable Paver System - Unit A (80mm)	•	•	•	•	Individual sizes palletized separately	Stocked
REJUVENATE™ Permeable Pavers (80mm)	•	•	•	•	Individually palletized	Stocked

## VANTAGE PAVERS® 4x8

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



## **2**¾ height

 $\bigcirc$ 

#### PRODUCT NUMBERS

VANTAGE - Texture Fini	VANTAGE - Texture Finish 2 ¾″ H						
Beckon	0070372V4						
Vision	0070374V4						
Majestic	0070363V4						
Reflection	0070364V4						
Timeless	0070365V4						



Compatibilidad dimensional





## VANTAGE 4X8

Size (in.)	4x8
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 <sup>3/4</sup>
SQFT Per	·
Pallet	101.28
Layer	12.66
Section	N/A
Unit	0.214
Per Bundle	
Layers	8
Sections	N/A
Soldiers LNFT per	
рс	0.3275
Sections	N/A
Layer	19.32
Pallet	154.34
Sailor LNFT per	
рс	0.655
Section	N/A
Layer	38.64
Pallet	309.16
	* *
UNITS per	
SqFt	4.65
Layer	59
Pallet	472
LBS per	
Layers	420
Section	N/A
Pallet	3360
	*
Colors	



Vision, Reflection, Beckon, Timeless, Majestic

## **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<sup>3/4</sup> height

8 x 8 in 2 <sup>3/4</sup> height 8 x 12 IN

**2**<sup>3/4</sup> HEIGHT

Z



#### PRODUCT NUMBERS

VANTAGE	-

#### Texture Finish 2 ¾" H

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



Dimensionally Genesis Compatible Face-Mix



## VANTAGE

Size (in.) Pallet Type Plant Production Thickness (in.)	4x8, 8x8, 12x8 10 of each size per layer (80 sets of 3 per pallet) Janesville 2 <sup>3/4</sup>
SQFT Per	
Pallet	99.6
Layer	12.45
Section	N/A
Unit	N/A
	:
Per Pallet	
Layers Sections	8 N/A
Sections	
Soldiers LNFT per	·
рс	: N/A
Sections	N/A
Layer	N/A
Pallet	N/A
Sailor LNFT per	
pc	N/A
Section	N/A 19.55
Layer Pallet	156.4
Fallet	150.4
UNITS per	·
SqFt	: N/A
Layer	10 of each size
Pallet	80 of each size
	:
LBS per	
Layers Section	410
Pallet	N/A 3280
rallet	5280
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 × 16 in 2 <sup>3/4</sup> height 16 × 16 in 2<sup>3/4</sup> height

#### PRODUCT NUMBERS

Grand VANTAGE - Texture Finish 2 ¾" H		
Enlighten	0070390	
Exalt	0070389	
Allure	0070391	
Intention	0070382	
Majestic	0070383	
Timeless	0070385	

**2**<sup>3/4</sup> HEIGHT

Dimensionally G Compatible Fa





## **Grand VANTAGE**



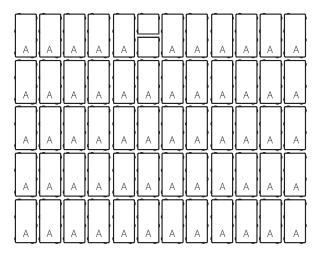
Size (in.)	8x16, 16x16, 16x24
	2 of each size per layer
Pallet Type Plant Production	Janesville
	2 <sup>3/4</sup>
Thickness (in.)	25,4
:	
SQFT Per	
Pallet	81.28
Layer	10.16
Section	
Unit	N/A
Unit	N/A
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
рс	N/A
Sections	N/A
Layer	N/A
Pallet	N/A
Sailor LNFT per	
рс	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
	. o o. eden 512e
LBS per	
Layers	332
Section	N/A
Pallet	2656
	2050
Colors	

Genesis Face-Mix

> Timeless, Majestic, Intention, Exalt, Enlighten, Allure

## Layer Configurations

#### VANTAGE PAVERS 4X8

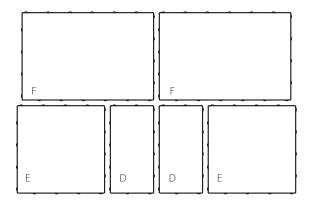


#### VANTAGE PAVERS

20

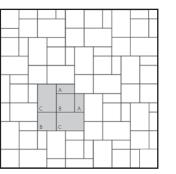
С	С	С	С	С	С
	В	В	В	в	
С	В	В	В	в	С
С	В	AA	AA	В	С
A	A	A	Â	A	A

Grand VANTAGE PAVERS

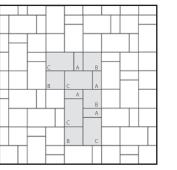


## VANTAGE and Grand VANTAGE PAVERS®

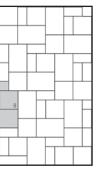
## Installation Patterns



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



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



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

			_		L
	в	A			
В		с			

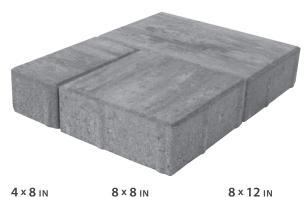
A, B & C Units Pattern #4 A-33% B-33% C-33%

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, soughtafter 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.



**2**<sup>3/4</sup> HEIGHT

4 x 8 IN **2**<sup>3/4</sup> HEIGHT

**2**<sup>3/4</sup> HEIGHT

 $\bigcirc$ 

PRODUCT NUMBERS

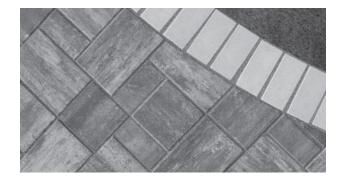
DISC	ov	'ER	-	
~				

Smooth Finish 2 ¾" H		
Enlighten	0070330	
Exalt	0070329	
Allure	0070331	
Intention	0070322	
Majestic	0070323	
Reflection	0070324	
Serenity	0070326	
Timeless	0070325	
DISCOVER -		
Tumbled Finish 2 ¾" H		
Majestic	0070323T	

0070325T



Dimensionally Genesis Compatible Face-Mix



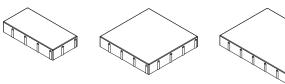
## DISCOVER

Size (in.)	4x8, 8x8, 12x8
Pallet Type	10 of each size per layer
Plant Production	Janesville
Thickness (in.)	2 <sup>3/4</sup>
THICKNESS (III.)	Ζ
SQFT Per	
Pallet	99.6
Layer	12.45
Section	N/A
Unit	N/A
onit	14/74
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
рс	N/A
Sections	N/A
Layer	N/A
Pallet	N/A
Sailor LNFT per	
рс	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
	5200
Colors	
	Reflection, Intention, Enlighten
	Timeless Serenity Allure Maiestic Exal

Timeless, Serenity, Allure, Majestic, Exalt

## **Grand DISCOVER PAVERS®**

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



8 × 16 IN **2**<sup>3/4</sup> HEIGHT

16 × 16 in **2**<sup>3/4</sup> HEIGHT 16 × 24 IN **2**<sup>3/4</sup> HEIGHT

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



#### PRODUCT NUMBERS

Grand DISCOVER – Smooth Finish 2 ¾" H		
Enlighten	0070350	
Exalt	0070349	
Intention	0070342	
Majestic	0070343	
Serenity	0070346	
Timeless	0070345	
Allure	0070352	
Vision	0070351	

Dimensionally Genesis Compatible Face-Mix

Timeless





## Grand DISCOVER







Size (in.) Pallet Type Plant Production Thickness (in.)	8x16, 16x16,16x24 2 of each size per Layer Janesville 2 <sup>3/4</sup>
60FT 0	•
SQFT Per	
Pallet	81.28
Layer Section	10.16 N/A
Unit	N/A N/A
Unit	IN/A
	:
Per Pallet	8
Layers Sections	N/A
Sections	IN/A
Soldiers LNFT per	
pc	N/A
Sections	N/A N/A
Layer	N/A N/A
Pallet	N/A N/A
railet	N/A
Sailor LNFT per	•
pc	N/A
Section	N/A
Layer	7.795
Pallet	62.36
runce	. 02.50
UNITS per	•
SqFt	: N/A
Layer	2 of each size
Pallet	16 of each size
LBS per	
Layers	340
Section	N/A
Pallet	2720
Colors	

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

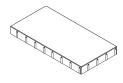
## Grand DISCOVER XL PAVERS®

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





Sold only in full pallets.



PRODUCT NUMBERS	

Grand XL DISCOVER -Smooth Finish 2 <sup>3</sup>/<sub>4</sub>" H

Enlighten	0070355
Majestic	0070356
Timeless	0070357
Vision	0070358
Allure	0070359



Dimensionally Genesis Compatible Face-Mix



## Grand DISCOVER XL

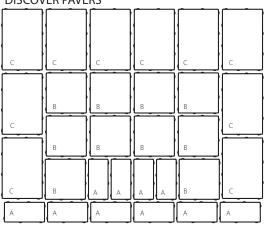
	16.2	12
Size (in.)	16 x 3	
Pallet Type	Singl	
Plant Production	Janesvill	
Thickness (in.)	2 <sup>3</sup>	5/4
SQFT Per		
Pallet	85.3	-
Layer	10.6	
Section	N/	A
Unit	3.5	5
Per Pallet	· ·	
Layers	6 6	8
Sections	N/	A
Soldiers LNFT per		
pc	. N/	A
Sections	N/	A
Layer	3.8	
Pallet	31.1	
runet	51.1	0
Sailor LNFT per		
pc	: N/	Α
Section	N/	
Layer		8
Pallet	•	54
Fallet		
UNITS per	:	
SqFt	: N/	^
Layer		3
Pallet		
Pallet	2	24
LBS per		
Layers	33	
Section	N/	
Pallet	264	0
Colors		
	Vision, Allure, Majesti	ic,

Enlighten, Timeless

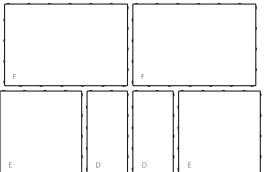
DISCOVER, Grand DISCOVER, and Grand XL DISCOVER PAVERS®

#### Layer Configurations

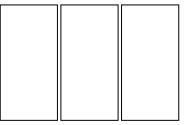
DISCOVER PAVERS



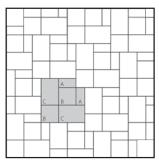
#### Grand DISCOVER PAVERS



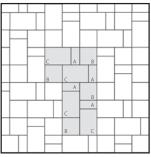
#### Grand XL DISCOVER PAVERS



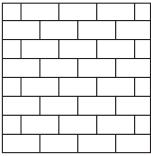
## Installation Patterns



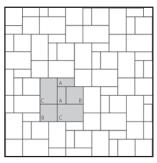
A, B & C Units Pattern #1 A-33% B-33% C-33%



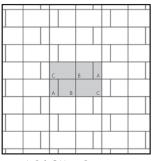
A, B & C Units Pattern #3 A-33% B-33% C-33%



Running Bond



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



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

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

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

## **Grand TRANQUILITY PAVERS®**

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

16 × 16 IN

**2**<sup>3/4</sup> HEIGHT

8 × 16 in

**2**<sup>3/4</sup> HEIGHT



16 × 24 IN

**2**<sup>3/4</sup> HEIGHT

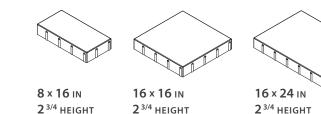


## **Grand TRANQUILITY**

Size (in.)	8x16, 16x16,16x24
Pallet Type	2 of each size per Layer
Plant Production	Janesville
Thickness (in.)	2 <sup>3/4</sup> 2 <sup>3/4</sup>
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
- unet	
Sailor LNFT per	:
pc	N/A
Section	N/A
Layer	7.795
Pallet	62.36
1 unet	02.50
UNITS per	:
SqFt	N/A
Layer	2 of each size
Pallet	16 of each size
- unce	
LBS per	·
Layers	330
Section	N/A
Pallet	2640
Colors	
	Allure, Majestic, Enlighten, Timeless
	, and e, majestic, Emigrical, Hilleless

## Grand FUSION PAVERS<sup>™</sup>

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.



#### PRODUCT NUMBERS

Grand Fusion – Modified Texture Finish 2 ¾" H				
Beckon	0070410			
Exalt	0070411			
Intention	0070412			
Vision	0070413			



Dimensionally Compatible

Enlighten 0070090 0070099 Allure Majestic 0070094 0070098 Timeless

PRODUCT NUMBERS Grand TRANOUILITY – Texture Finish 2 <sup>3</sup>/<sub>4</sub>" H







## **Grand FUSION**

Size (in.) Pallet Type Plant Production Thickness (in.)	8x16, 16x16,16x24 2 of each size per Layer Janesville 2 <sup>3/4</sup>
SQFT Per	
Pallet	81.28
Layer	10.16
Section	N/A
Unit	N/A
Per Pallet	•
Layers	: 8
Sections	N/A
Soldiers LNFT per	
рс	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	N/A
SqFt Laver	2 of each size
Pallet	16 of each size
railet	i o or each size
LBS per	
Layers	332
Section	N/A
Pallet	2656
	2000
Colors	·





Face-Mix

Vision, Beckon, Intention, Exalt

## Grand TRANQUILITY PAVERS® and Grand FUSION PAVERS™

## **ELEMENTS<sup>™</sup> Paving Stones**

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



## 4 x 8 IN **2** <sup>3/4</sup> HEIGHT $\bigcirc$

#### PRODUCT NUMBERS

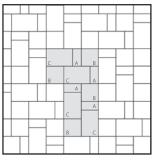
ELEMENTS 4x8 Paver – Smooth Finish 2 ¾" H							
Beckon	00702941						
Enlighten	00702900						
Majestic	00702850						
Serenity	0070270						
Timeless	0070260						
Vision	0070230						
Reflection	0070200						
Allure	0070296						
ELEMENTS 4x8 Paver – Tumbled Finish 2 ¾" H							
Reflection	0070200T1						
Timeless	0070260T1						
Vision	0070230T1						



	•	
		-

Dimensionally Compatible

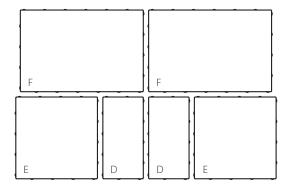
### Installation Patterns



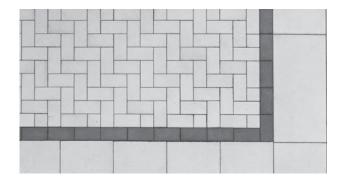
A, B & C Units Pattern #3 A-33% B-33% C-33%

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

Layer Configurations







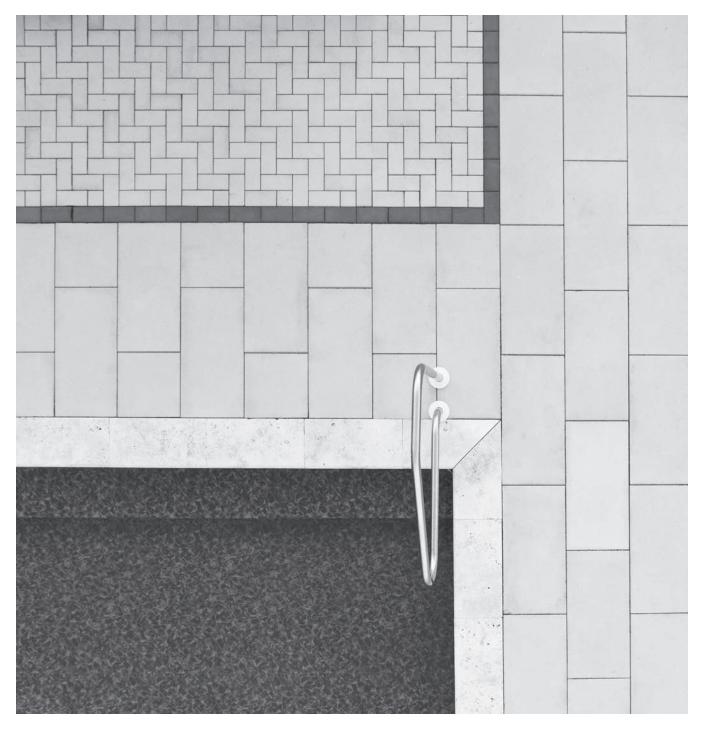
## **ELEMENTS<sup>™</sup> 4x8**

Size (in.)	4 x 8
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	2 <sup>3/4</sup>
SQFT Per	
Pallet	101.28
Layer	12.66
Section	N/A
Unit	0.214
	• •
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
рс	0.3275
Sections	N/A
Layer	19.32
Pallet	154.58
	e 
Sailor LNFT per	
рс	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



## **ELEMENTS<sup>™</sup> Paving Stones**

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





#### PRODUCT NUMBERS

ELEMENTS 8x16 Paver – Smooth Finish 2 ¾" H						
Beckon	0070294L					
Reflection	0070204L					
Vision 0070234L						
VISION	0070234L					
ELEMENTS	8x16 Paver –					
ELEMENTS	8x16 Paver –					
ELEMENTS Tumbled Fir	8x16 Paver – nish 2 ¾″ H					



Compatible





## ELEMENTS<sup>™</sup> 8x16

Size (in.) Pallet Type Plant Production Thickness (in.)	8 x 16 Single Janesville 2 <sup>3/4</sup>
SQFT Per	
Pallet	106.64
Layer	13.33
Section	N/A
Unit	0.89
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
рс	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	
Colors	

Face-Mix

Vision, Beckon, Reflection

## Layer Configurations

#### Installation Patterns

(C) 4 x 8 Units (NEW)

A	A	A	A	A		A	A	A	A	A	A
A	A	A	A	A	A	A	A	A	A	A	A
A	A	A	A	A	A	A	A	A	A	A	A
A	A	A	A	A	A	A	A	A	A	A	A
A	A	A	A	A	A	A	A	A	A	A	A

(B) 8 x 16 Units

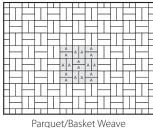
\_\_\_\_\_

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

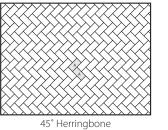
32

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	TTT		
		· · · · · ·	

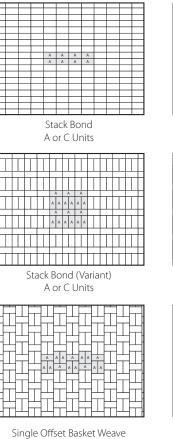
Running Bond A or C Units



A or C Units

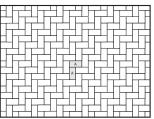


A or C Units



A or C Units

$\square \square \square$	ЦТ		ШT	Ήт	Ш
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FILT				ШĤ	
[ ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ] ]	A A	A A A A	A A		
FIIT		ΤŤ	ШT	ШŤ	
$[] \downarrow \downarrow ]$				ШŤ	
Si		Basket or C Ur		/e	



90° Herringbone A or C Units

|--|

Double Offset Basket Weave A or CUnits

## Glow Path Technology<sup>™</sup>

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.



PRODUCT NUMBERS

ELEMENTS 4x8 Glow Paver –

Smooth	h Fin	ish 2	<i>3</i> ⁄4″	Н

Reflection	007GP011L
Vision	007GP013L

Dimensionally Genesis Compatible Face-Mix



## **Glow Path 4X8 - Smooth**

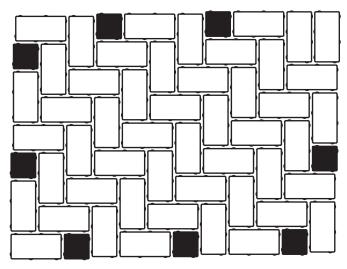
Size (in.) Pallet Type Plant Production Thickness (in.)	4 x 8 old configuration Single Janesville 2 <sup>3/4</sup>
SQFT Per	
Pallet	88
Layer	11
Section	N/A
Unit	0.22
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	
рс	0.33
Sections	N/A
Layer	15.7
Pallet	125.67
Sailor LNFT per	
рс	0.66
Section	N/A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

## Glow Path Technology™

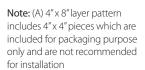
### Layer Configurations

ELEMENTS Pavers with Glow Path Technology

(A) 4 x 8 Units

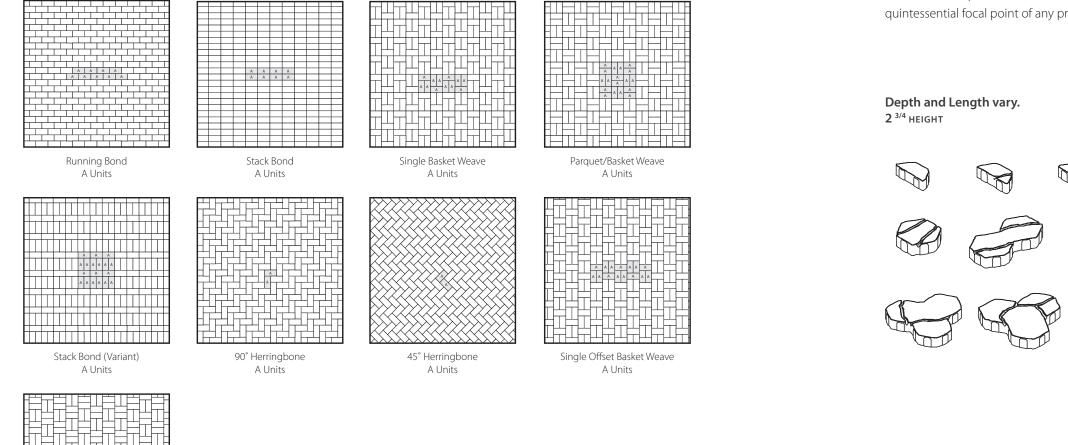


Note: When pavers are exposed to 20 minutes of sunlight you can observe 6-8 hours of glow after sunset. The glow is best seen in dark areas where ambient light is not present. If pavers are installed in shaded areas, the intensity of the glow will vary. However the glow chip is charged by UV rays, this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



## Installation Patterns

#### 4 x 8 ELEMENTS Pavers with Glow Path Technology



## **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.

PRODUCT NUMBERS

Intention

Timeless

Destination – Texture Finish 2 ¾" H

0070112

0070115

36

Double Offset Basket Weave A Units







## DESTINATION

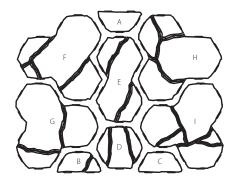
	4 1:55
Size (in.)	4 different
Pallet Type	Multiple
Plant Production	Janesville
Thickness (in.)	2 <sup>3/4</sup>
SQFT Per	¢
Pallet	88.88
Layer	11.11
Section	N/A
Unit	N/A
	•
Per Pallet	
Layers	8
Sections	N/A
Soldiers LNFT per	9
pc	N/A
Sections	N/A
Layer	N/A
Pallet	N/A
	• •
Sailor LNFT per	
pc	N/A
Section	N/A
Layer	N/A
Pallet	N/A
	· •
UNITS per	4
SqFt	N/A
Layer	9
Pallet	72
1.00	
LBS per	
Layers	337.5
Section	N/A
Pallet	2700
Calana	• •
Colors	

Intention, Timeless

## DESTINATION PAVERS®

Units & Sizes	D x H x L (Nominal Size) Inches • Millimeters
А	2¾ H • 70H (D & L Vary)
В	2¾ H • 70H (D & L Vary)
С	2¾ H • 70H (D & L Vary)
D	2¾ H • 70H (D & L Vary)
E	2¾ H • 70H (D & L Vary)

## Layer Configuration

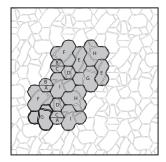


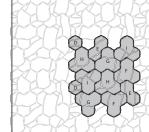
Note: Textured paver and patio stone surfaces require a buffer between the plate compactor and the paver surface to prevent scuffing. Refer to County Materials' Interlocking Concrete Paver or Slab Installation Guidelines, or contact County Materials for information.

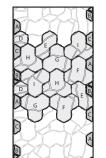
	D x H x L (Nominal Size) Inches • Millimeters
F	2¾ H • 70H (D & L Vary)
G	2¾ H • 70H (D & L Vary)
Н	2¾ H • 70H (D & L Vary)
I	2¾ H • 70H (D & L Vary)

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

## Installation Patterns



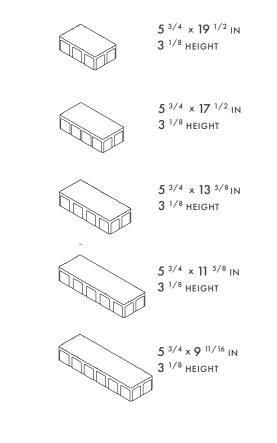




Sidewalk Installation Pattern \* Approximately 57.5" in width

## INFLUENCE PAVERS® Special Order Product

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.

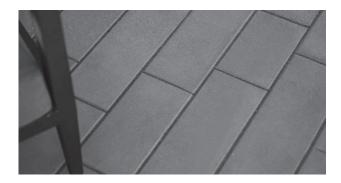


PRODUCT NUMBERS

Influence Smooth Plank 3 <sup>1</sup>/<sub>4</sub>" H SPECIAL ORDER PRODUCT, CALL FOR AVAILABILITY





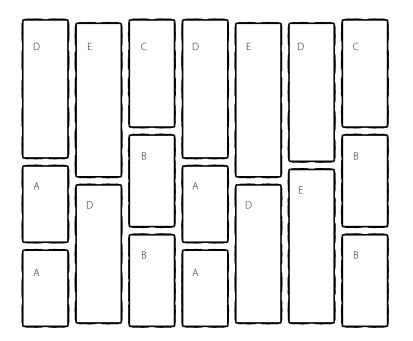


## INFLUENCE

Size (in.)	Multiple
Pallet Type	mixed
Plant Production	Janesville
Thickness (in.)	3 <sup>1/8</sup>
SQFT Per	
Pallet	85.92
Layer	10.74
Section	N/A
Unit	N/A
	6 6
Per Pallet	
Layers	8
Sections	N/A
	6 6 6
Soldiers LNFT per	
рс	N/A
Sections	N/A
Layer	N/A
Pallet	N/A
	6 6 6
Sailor LNFT per	
рс	N/A
Section	N/A
Layer	21.54
Pallet	172.33
	•
UNITS per	
SqFt	N/A
Layer	•
Pallet	144
	- - -
LBS per	
Layers	402
Section	N/A
Pallet	3216
	·
Colors	

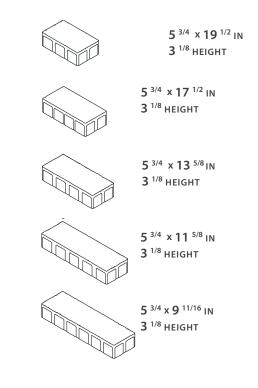
Vision, Reflection, Majestic

## Layer Configuration



## ESSENCE<sup>®</sup> Wood Grain Plank Pavers

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



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



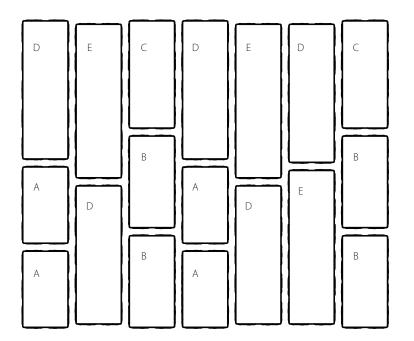




## ESSENCE

Size (in.)	Multiple
Pallet Type	Mixed
Plant Production	Janesville
Thickness (in.)	3 <sup>1/8</sup>
•	
SQFT Per	
Pallet	85.92
Layer	10.74
Section	N/A
Unit	N/A
Per Pallet	•
Layers	: 8
Sections	NA
Soldiers LNFT per	
рс	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
- unet	
LBS per	
Layers	402
Section	
Pallet	3216
	5210
Colors	
	Timeless, Pride
- - -	nineless, Phue

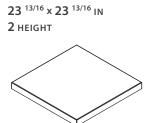
## Layer Configuration



## SKYLANDS<sup>™</sup> Concrete Deck Pavers

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

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



#### PRODUCT NUMBERS

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

Dream	008248	
Majestic	008278	
Reflection	008254	
Timeless	008275	
Vision	008260	



42





## **SKYLANDS - Vertical** (Rooftoop Applications)

Size (in.)	23 <sup>13/16</sup> x 23 <sup>13/16</sup>
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	

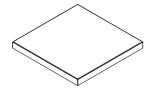
Vision, Dream, Reflection, Timeless, Majestic

## **SKYLANDS<sup>™</sup> Concrete Deck Pavers**

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

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

23 <sup>13/16</sup> x 23 <sup>13/16</sup> IN **2** HEIGHT



PRODUCT NUMBERS

#### SKYLANDS Horizontal Stack on Pallet – Smooth Finish 23 <sup>13</sup>/<sub>16</sub>" x 23 <sup>13</sup>/<sub>16</sub>", 2" H

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

008260H



Face-Mix



## **SKYLANDS - Horizontal**

(Landscape Applications)

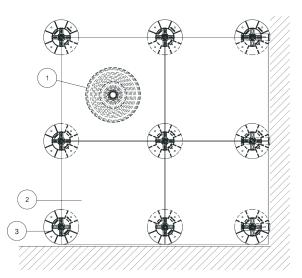
Size (in.)	23 <sup>13/16</sup> x 23 <sup>13/16</sup>
Pallet Type	2 of each size per layer
Plant Production	Janesville
Thickness (in.)	2
,	
SQFT Per	
Pallet	: 80
Layer	8
Section	N/A
Stone	4
Per Pallet	
Layers	5
Sections	N/A
Soldiers LNFT per	
рс	1
Sections	N/A
Layer	4
Pallet	40
Sailor LNFT per	
рс	1
Section	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<sup>™</sup> Concrete Deck Pavers

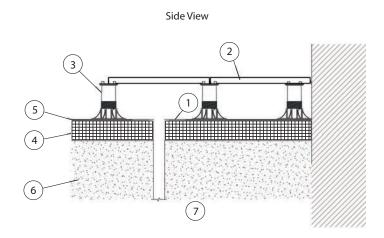
### **Typical Pedestal Installation**

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

**Top View** 



Vision

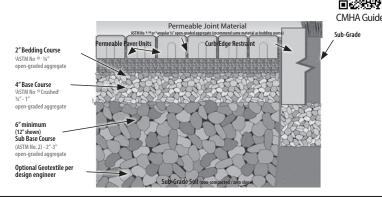


- 1 Roof Drain
- 2 Paver
- 3 Adjustable Paving Support
- 4 Insulation or Protection Board
- 5- Waterproofing Membrane
- 6 Concrete Slab
- 7 Pipes

#### **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.

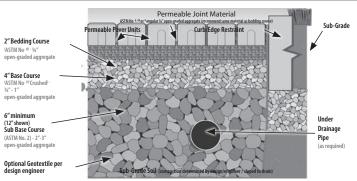


Sub-Grade

#### **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).

#### Permeable Joint Materia 2" Bedding Course (ASTM No. 8) - 3%" open-graded aggregat 4" Base Course (ASTM No: 57 Crushed open-graded aggregate 6" minimum (12" shown) Sub Base Course (ASTM No. 2) - 2"-3" open-graded aggrega liner (as require

**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

#### 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.



(https://www.masonryandhardscapes.org).



## 6 Deflectometer

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.

Calculate stiffness-related parameters of an aggregate pavement structure.



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:



Our H<sub>2</sub>O PRO Permeable 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.

8 x 8 in

**3** <sup>1/8</sup> HEIGHT

8 × 16 in **3** <sup>1/8</sup> HEIGHT





## $H_2$ O PRO 4x8

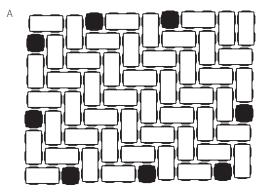
Size (in.)		4 x 8
Pallet Type		Single
Plant Production		Janesville
Thickness (in.)		3 <sup>1/8</sup>
SQFT Per		
Pallet		88
Layer		11
Stone	*	N/A
Per Pallet		
Layers		8
Sections		N/A
	•	
Soldiers LNFT per	÷	
рс		0.333
Sections		N/A
Layer		16.65
Pallet		133.2
	:	
Sailor LNFT per		
рс		0.667
Section		N/A
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
Joint Dimensions		·
		10mm (25/64") installed joint

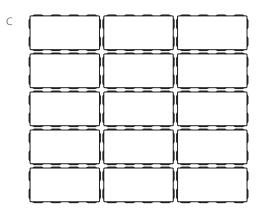
oize (in.)		4 X 8
Pallet Type		Single
Plant Production		Janesville
hickness (in.)		3 <sup>1/8</sup>
menness (mi)		3
FT Per		
Pallet		88
ayer		11
itone	:	N/A
	:	
Pallet		
ayers		8
ections		N/A
	-	
diers LNFT per		
ос		0.333
ections		N/A
.ayer		16.65
Pallet		133.2
lor LNFT per	•	
		0.667
)C	•	0.667
ection		N/A
ayer		33.35
Pallet		266.8
ITS per		
qFt	•	4.5
ayer		50
allet		400
unce	•	100
5 per		
ayers		387.5
ection		N/A
Pallet		
allet		3100
	•	
ors		
		Reflection, Timeless, Majestic

10mm (25/64") installed joint +9.1% installed open area/Layer (varies on pattern used)

## H<sub>2</sub>O PRO<sup>®</sup> Pavers

## Layer Configurations





0070529L Majestic 0070501L Timeless

Smooth Finish 3 1/8" H

PRODUCT NUMBERS

Smooth Finish 3 1/8" H

Majestic

Reflection

Timeless

H<sub>2</sub>O Pro Permeable 4x8 Paver –

H<sub>2</sub>O Pro Permeable 8x8 Paver –

0070528L 0070520L

0070500L

4 x 8 IN

**3** <sup>1/8</sup> HEIGHT

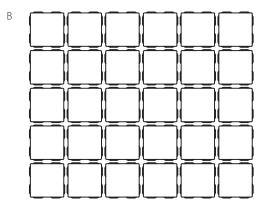
## H<sub>2</sub>O Pro Permeable 8x16 Paver – Smooth Finish 3 1/8" H

Majestic	0070530L	
Timeless	0070502L	

**Note:** Configurations are machine layable

Genesis Face-Mix • Installed joint dimensions =  $10 \text{ mm} (^{25}_{4})$ 

• Installed open area/layer =  $\pm 9.1\%$  (depending on pattern)

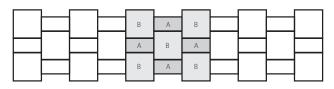


Note: The 4" x 8" size of H<sub>2</sub>O PRO Pavers are manufactured in a herringbone layer pattern that easily accommodates mechanical installation. Units can also be installed in many different patterns by hand.

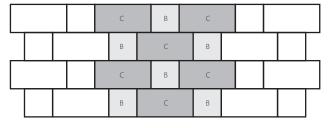
Note: (A) 4" x 8" layer pattern includes 4" x 4" pieces which are included for packaging purpose only and are not recommended for installation.

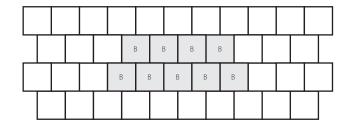
H<sub>2</sub>O PRO<sup>®</sup> Pavers

#### Installation Patterns



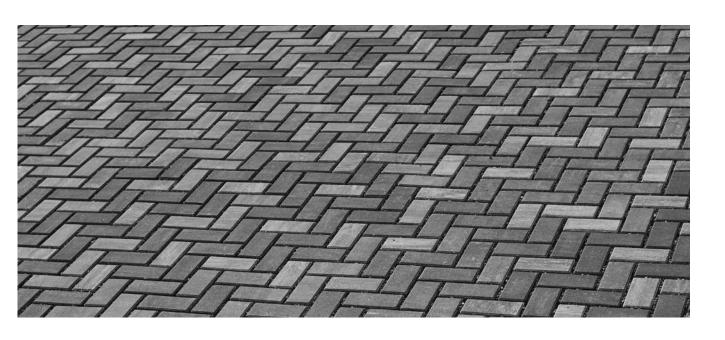






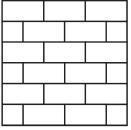
B Units #19

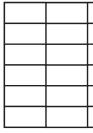
#### B & C Units #18 B-33% C-67%



## H<sub>2</sub>O PRO<sup>®</sup> Pavers

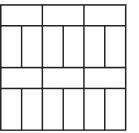
Installation Patterns





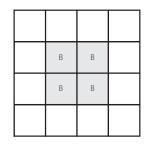
A or C Units Pattern #1

A or C Units Pattern #2



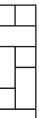
A or C Units Pattern #5

B or C Units Pattern #9

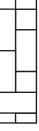


A, B & C Units #13 A-42% B-25% C-33% B Units #14

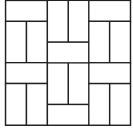




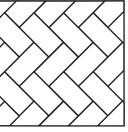
A or C Units Pattern #6



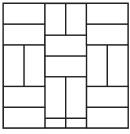
B or C Units Pattern #10



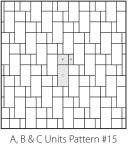
A or C Units Pattern #3



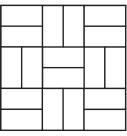
A or C Units Pattern #7



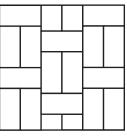
A or C Units Pattern #11



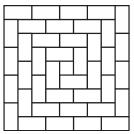
A-17% B-29% C-57%



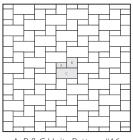
A or C Units Pattern #4



A or C Units Pattern #8



A or C Units Pattern #12



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

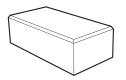
## REJUVENATE® Permeable Pavers

Special Order Product

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







PRODUCT NUMBERS

Rejuvenate 5x10 Permeable Paver - Smooth Finish 3 ¼" H – Can be Machine Laid

SPECIAL ORDER PRODUCT, CALL FOR AVAILABILITY



FOR Genesis Face-Mix

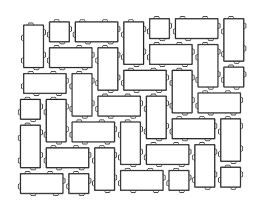


## REJUVENATE

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

## **REJUVENATE®** Permeable Pavers

Layer Configuration



#### **Installation Patterns**

**Note:** Configurations are machine layable

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Single Basket Weave

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1	A A	A A		
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Running Bond

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						_		_	_	_	
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			A	A	A	A	А	A			
			,	1	,	1		1			
			A	A	A	A	A	A			
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Stack Bond (Variant)

|--|

Double Offset Basket Weave



		A	Α	A	A		
		A	Α	A	A		
_							

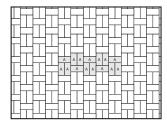
Stack Bond



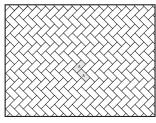

90° Herringbone

|--|

Parquet/Basket Weave



Single Offset Basket Weave



45° Herringbone

53

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# SYSTEMS

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WALL

76

62 Tribute<sup>®</sup> Smooth Wall Systems 66 Tribute<sup>®</sup> Splitface Wall Systems 69 Unity<sup>™</sup> Landscape Units 70 Summit Stone<sup>®</sup> Landscape Units 74 Winston<sup>®</sup> Straight Retaining Wall System 75 Winston<sup>®</sup> Tri-Split Retaining Wall System Integrity<sup>™</sup> Retaining Wall System 77 County Block<sup>®</sup> Retaining Wall System 78 Rib Rock<sup>™</sup> Retaining Wall System 84 MagnumStone<sup>®</sup> Retaining Wall System

#### 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'

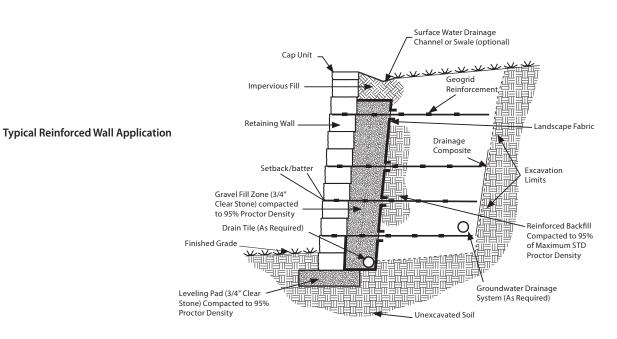
#### **Finalize Design**

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.



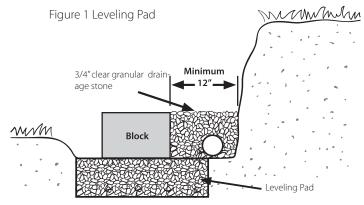
#### Leveling Pad

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 onefoot 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.

#### 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).

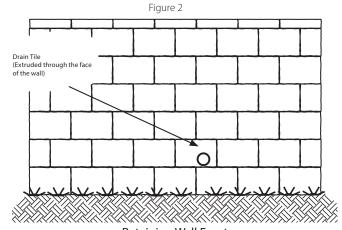
#### **Unit Installation**

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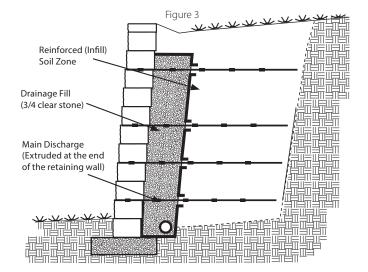
After placing and leveling the first course, install drain tile behind the block as necessary. If applicable, fill voids in and between block and a minimum of 12" behind block with clean granular drainage rock. Replace enough fill in front of the base course to secure it. Fill behind block with drainage 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 onefoot rise.



**Retaining Wall Front** 



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 overcompaction and result in localized bulging. It can also damage geogrid reinforcement materials.

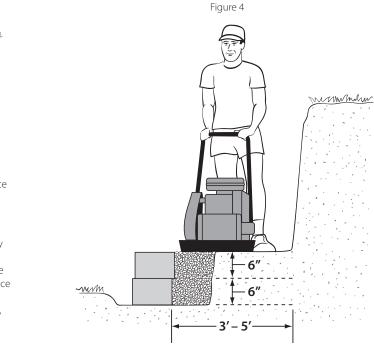
#### **Geogrid Reinforcement**

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

Lay geogrid, cut to appropriate sizes and with the strength direction perpendicular to the wall, on top of units. The cut ends should nearly touch the front edge of the units but not extend past the front face. Extend the grid pieces to the back of the slope. Place the next course of units on top of the geogrid and be sure the units are locked in place by pins

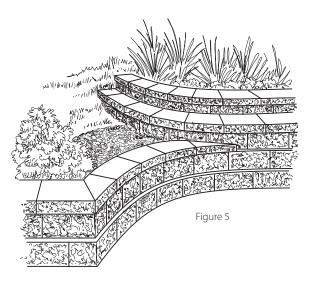
(if applicable) or the concrete locking mechanism. Pull units forward, making sure they are secure. Place granular drainage rock in cores (if applicable) between block and 1' behind units. Pull geogrid taut staking is recommended – before placing backfill material. Compact backfill in 6" lifts behind wall.

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



#### Ending and Capping a Retaining Wall

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



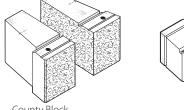
## Installation Guidelines | Retaining Wall Systems

#### Curves

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

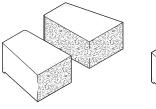
#### Tribute retaining walls with curves:

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



# Tribute

County Block

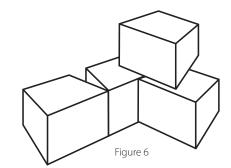


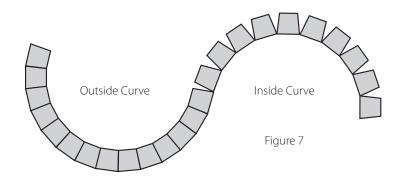
Winston (Straight)

Winston (Tri-split)

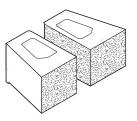
#### Inside Corners

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.



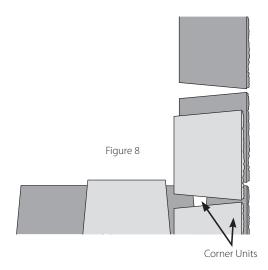






Integrity





## Tribute<sup>®</sup> Smooth Retaining Wall Systems

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



Corner / Column Unit (4 sides finish) 10<sup>1/8</sup>× 15<sup>5/8</sup> IN **6** HEIGHT



#### PRODUCT NUMBERS

Smooth Face –	
10 ½″ x 6″ x 15 ½″	

Enlighten	0076036N	
Majestic	0076030N	
Reflection	0076033N	
Timeless	0076027N	
Vision	0076023N	
Allure	0076039N	
Smooth Fa 10 1/8" x 6" x	ce Corner – ( 15 %"	
	(15 /0	
Enlighten	0076037N	
Enlighten Majestic	,.	
	0076037N	
Majestic	0076037N 0076031N	

0076040N

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



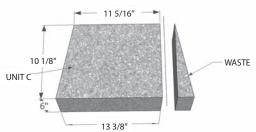
## **Tribute - Smooth**

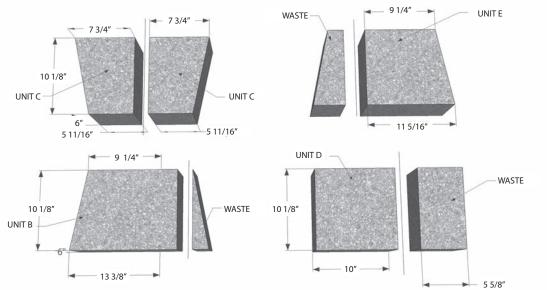
	SRW/FSW Unit	Corner/FSW Unit
Size (in.)	16 x 10 <sup>1/8</sup>	16 x 10 <sup>1/8</sup>
Pallet Type	Single	Single
Plant Production	Janesville	Janesville
Thickness (in.)	6	6
Per Pallet		
Layers	5	5
Sections		
UNITS per		
SqFt	1.5/1.7	1.5
Layer	8	
Pallet	40	40
LBS per		
Layers	520	
Pallet	2600	
рс	65	65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

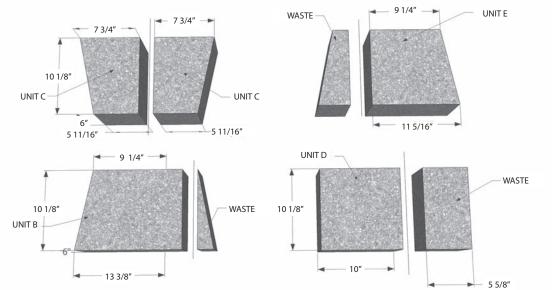
## Tribute<sup>®</sup> Smooth Retaining Wall Systems

## **Cutting Guide**

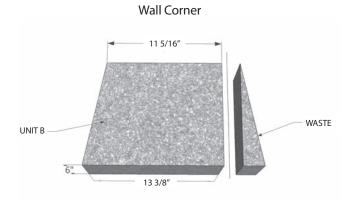
Wall Into Pillar - 7 3/4" - 7 3/4" -10 1/8" UNIT B UNIT B 6" 5 11/16" 5 11/16" 11 5/16" -



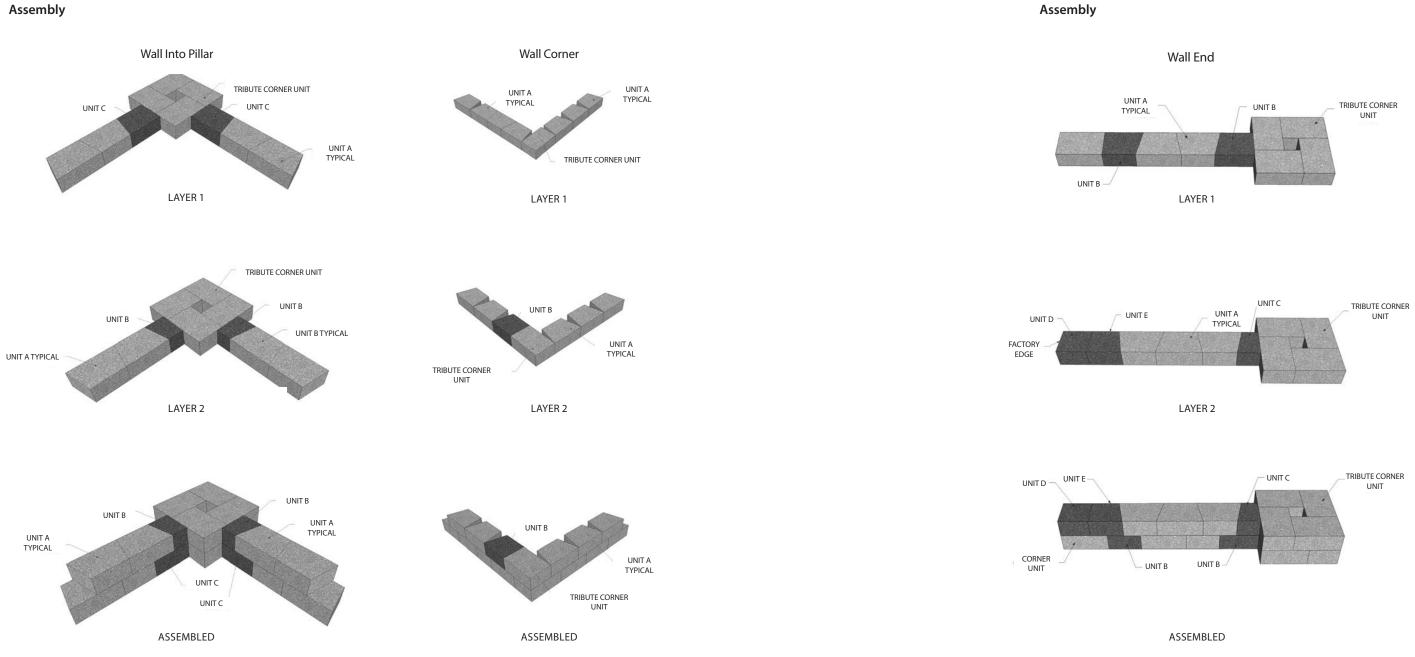




Allure



Wall End



## Tribute<sup>®</sup> Splitface Retaining Wall Systems

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



Full Unit*					
12 × 16 IN					
<b>6</b> HEIGHT					

FSW (2 sided)\* Corner 12×8 IN **6** HEIGHT

Split Face Front & Back

Janesville Colors

Buff

Graphite

Silvertone

Timeless

**Roberts** Colors

Vision Swiss Mocha

Graphite

Silvertone

Gray

Vision

Gray

(2-Sided) – 10" x 6" x 16"

Canyon Brown 0076005

Canyon Brown 0048003W2

October Oak 0048009W2

Swiss Mocha 0048012W2



10 × 16 IN

**6** HEIGHT

#### PRODUCT NUMBERS

Split Face Regular (1-Sided) 12" x 6" x 16"					
Janesville Coloi	rs				
Buff	0076050				
Canyon Brown	0076004				
Graphite	0076016				
Gray	0076000				
Silvertone	0076008				
Timeless	0076024				
Vision	0076020				
Swiss Mocha	0076012				
Roberts Colors					
Canyon Brown	0048003W				
Graphite	0048016W				
Gray	0048000W				
October Oak	0048009W				
Silvertone	0048006W				
Swiss Mocha	0048012W				
Vision	0048019W				

#### PRODUCT NUMBERS

0076051

0076017

0076001

0076009

0076025 0076021

0076013

0048016W2 0048000W2

0048006W2

0048019W2

	Split Face Corr 12″ x 6″ x 8″	ner
	Janesville Color	s
_	Buff	0076052
_	Canyon Brown	0076006
_	Graphite	0076016
_	Gray	0076002
_	Silvertone	0076010
_	Timeless	0076026
_	Vision	0076022
_	Swiss Mocha	0076014
_	Roberts Colors	
_	Canyon Brown	0048004W
_	Graphite	0048017W
_	Gray	0048001W
_	October Oak	0048010W
	Silvertone	0048007W
_	Swiss Mocha	0048014W
_	Vision	0048020W

PRODUCT NUMBERS

## **Tribute - Splitface**

	Full Unit - SRW	FSW (2-sided)	Corner
Size (in.)	16 x 12	16 x 10	16 x 10 <sup>1/8</sup>
Pallet Type	Single	Single	Single
Plant Production	Janesville	Janesville	Janesville
Thickness (in.)	6	6	6
SQFT Per			
рс	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			
рс	76	76 :	38
Layers	675	578.25	675
Pallet	2736	2736	2736
Colors			

Vision, Gray, Buff, October Oak, Silvertone,

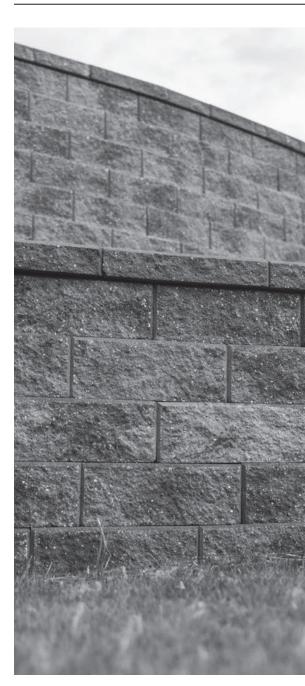
Graphite, Swiss Mocha, Timeless

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

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

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

## Tribute<sup>®</sup> Splitface Retaining Wall Systems





## Wall Configurations

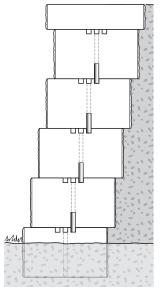
#### Tribute retaining walls with pins:

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



#### Tribute Set Back Retaining Wall Installation

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



## Seat Wall and Column Design

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

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

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

#### Figure 2 Tribute Two-Sided Seat Wall

	7	7	
		1	

Courses 1,3,5...



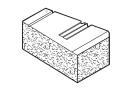
Courses 2,4,6...



**Retaining Wall Block** 



Free-Standing



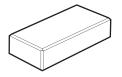
Two-Sided Half Block

## Unity<sup>™</sup> Landscape Units

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

#### Rectangular (All sides Smooth finish)

9 × 18 in **4** HEIGHT



#### PRODUCT NUMBERS

Unity Landso 9″ x 18″ x 4″	ape Smooth Block –
Enlighten	0077006
Majestic	0077002
Timeless	0077004
Vision	0077000
Reflection	0077008
Allure	0077010





## Unity

	10.0
Size (in.)	18 x 9
Pallet Type	Single
Plant Production	Janesville
Thickness (in.)	4
SQFT Per	
pc	: .5
Layer	
Section	N/A
Pallet	40
Fallet	40
Dev Dellet	•
Per Pallet	
Layers	8
Sections	N/A
	:
UNITS per	
SqFt	3
Layer	10
Pallet	80
LBS per	
рс	47.3
Layer	494
Pallet	3784
	•
Colors	

Allure, Vision, Majestic, Timeless, Reflection, Enlighten

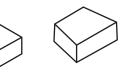
## Summit Stone® Landscape Units

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

Large



7<sup>1/4</sup> × 14<sup>1/2</sup>IN **3** <sup>5/8</sup> HEIGHT



Tapered

**7** <sup>1/4</sup> x **9** <sup>7/8</sup> IN

**3** <sup>5/8</sup> HEIGHT

## **Summit Stone** - Smooth and Tumbled

	Medium	Large	Tapered
Size (in.)	10 <sup>7/8</sup> x 7 <sup>1/4</sup>	14 <sup>1/2</sup> x 7 <sup>1/4</sup>	9 <sup>7/8</sup> x 7 <sup>1/4</sup>
Pallet Type	Single	Single	Single
Plant Production	Janesville	Janesville	Janesville
Thickness (in.)	35/8	35/8	35/8
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	Vision	Vision
	Beckon	Beckon	Beckon
	Reflection	Reflection	Reflection
	Enlighten Timeless	Enlighten Timeless	Enlighten Timeless
	Majestic	Majestic	Majestic
	. iviajestic	wajestic.	wajestic

## Unity<sup>™</sup> and Summit Stone<sup>®</sup> Landscape Units

## **Palletization Table**

Product
Summit Stone® Landscape Units - Medium
Summit Stone <sup>®</sup> Landscape Units - Large
Summit Stone <sup>®</sup> Landscape Units - Tapered



#### PRODUCT NUMBERS

Summit Stone – Medium 7 ¼″ x 3 5%″ x 10 %″		
Tumbled Cold	ors	
Beckon	0072021	
Enlighten	0072023	
Majestic	0072019	
Reflection	0072016	
Timeless	0072001	
Vision	0072013	
Smooth Color	rs	
Beckon	0072021S	
Enlighten	00720235	
Majestic	0072019S	
Reflection	0072016S	
Timeless	0072001S	
Vision	0072013S	

PRODUCT NUMBERS Summit Stone – Large Summit Stopp Taporod 7 ¼″ x 3 5⁄8″ x 14 ½″ Tumbled Colors 0072022 Beckon Enlighten 0072024 Majestic 0072020 Reflection 0072017 0072002 Timeless Vision 0072014 Smooth Colors 00720225 Beckon 0072024S Enlighten 0072020S Majestic 0072017S Reflection 0072002S Timeless 0072014S Vision

#### PRODUCT NUMBERS

5ummit Stone – Tapered 7 ¼″ x 3 5⁄8″ x 7 ¼″ -10″		
Tumbled Colors		
Beckon	0072107	
Enlighten	0072108	
Majestic	0072106	
Reflection	0072105	
Timeless	0072100	
Vision	0072104	
Smooth Colors		
Beckon	0072107S	
Enlighten	0072108S	
Majestic	0072106S	
Reflection	00721055	
Timeless	0072100S	
Vision	0072104S	



How Is This Product Palletized?
Individual sizes palletized separately
Individual sizes palletized separately
Individual sizes palletized separately

# **Pillar Construction**

# **Decorative Pillars**

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

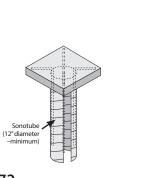
To make a pillar with Summit Stone, place units in alternating layers as shown in the illustration below. Make sure you build on level and well compacted ground and recommended base pad. (Ask a Summit Stone dealer for guidelines.)

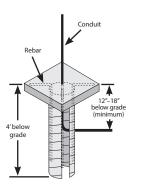
Apply concrete adhesive between each course as you construct the pillar. Place adhesive on the touching ends and undersides of each cap unit.

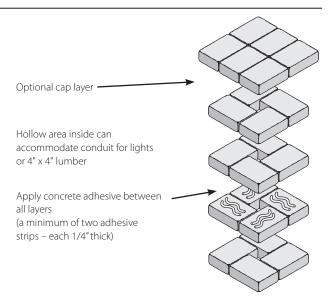
The hollow area inside of each pillar can accommodate electrical conduit for a light or a wood 4" x 4" to support a trellis, a lamp post or a garden gate.

# **Pillars with Electrical Conduit**

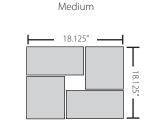
- Sonotube must be placed 4' below grade.
- 24" x 24" x 4" concrete base is joined to the sonotube column with rebar.
- Conduit is placed 12" 18" below grade (min.).
- Place units in alternating layers as shown below.
- Build on level and well-compacted ground and recommended base pad.
- Apply concrete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







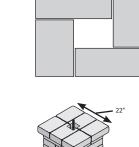
NOTE: Outside measurements of cap layer will be approximately 22"x 22". Post and wall heights should not exceed 36". For decorative walls, columns and steps, 1 to 2 layers of Summit Stone units should be buried below grade for proper embedment.



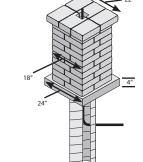
Concrete

Adheshive

(Apply between each course)



Large



# Unity<sup>™</sup> and Summit Stone<sup>®</sup> Landscape Units

# Seat Walls, Alcoves and Tables

# Seat Wall Patterns

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

# **Tables and Counters**

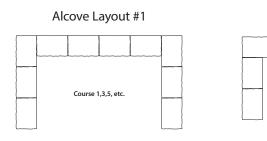
Add functionality to your outdoor living space with a Summit Stone constructed table, storage space, bar, etc.

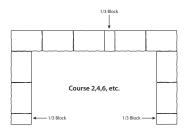


# Special Features: Surrounds/Alcoves for Grills, Refrigerators, etc.

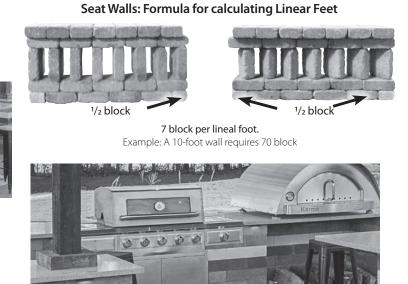
# Enhance Your Outdoor Living Space

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

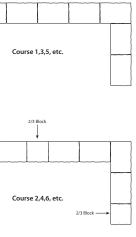




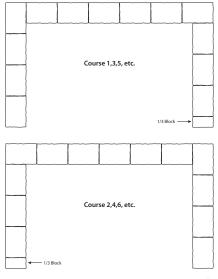




# Alcove Layout #2



Alcove Layout #3



73

# Winston<sup>®</sup> Straight Retaining Wall System

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





Corner (Front and corner finish) 8<sup>3/4</sup> × 12IN

**6** HEIGHT





# PRODUCT NUMBERS

Split Face Straight
12″ x 6″ x 17 ½″

Canyon Brown	0075550
Graphite	0047W22S
Gray	0047W02S
October Oak	0047W18S
Silvertone	0075552
Timeless	0075554
Split Face Stra 12" x 6" x 8 ¾"	5
	5
12" x 6" x 8 ¾"	
12" x 6" x 8 ¾" Canyon Brown	0075551
12" x 6" x 8 ¾" Canyon Brown Graphite	0075551 0047W23S
12" x 6" x 8 34" Canyon Brown Graphite Gray	0075551 0047W23S 0047W03S



# Winston Straight

-	Straight SRW Unit	Straight SRW Unit
Size (in.)	17 <sup>1/2</sup> x 12	8 <sup>3/4</sup> x 12
Pallet Type	Single	Single
Plant Production	Roberts	Roberts
Thickness (in.)	6	6
	•	*
SQFT Per		
рс	0.73	0.36
Layer	9	18
Pallet	32.85	90
Per Pallet		
Layer	5	5
Layer	: 5	
UNITS per		
SqFt	1.36	
Layer	6.57	N/A
Pallet	45	N/A
LBS per		
рс	73	36
Layer	657	657
Pallet	3340	3340
Colors		
		ilvertone, Graphite, Brown, October Oak

# Winston<sup>®</sup> Tri-Split Retaining Wall System

Winston Tri-Split Retaining Wall System offers a traditional aesthetic and features a rear lip system, forming a setback design for simplified installations.

# Full Unit (Front finish) 12 × 16 in **6** HEIGHT

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





Note: Compatible caps on page 89.

PRODUCT	NUMBERS
111000001	NONIDENS

# Tri-Split 12″ x 6″ x 16″ Canyon Brown 0047W04S 0047W00S Gray 0047W08S Silvertone Tri-Split Corner 12″ x 6″ x 8″

12 X0 X0	
Canyon Brown	0047W05S
Gray	0047W01S
Silvertone	0047W09S







# Winston Tri-Split

-	Tri Split SRW Unit	Tri Split Corner
Size (in.)	16 x 12	8 x 12
Pallet Type	Single	Single
Plant Production	Roberts	Roberts
Thickness (in.)	6	6
	e e	
	•	÷
SQFT Per		
рс	0.67	0.36
Layer	9	18
Pallet	45	90
Per Pallet		
Layer	5	5
UNITS per		
SqFt	1.5	
Layer	6.03	
Pallet	30.15	N/A
LPC por		
LBS per	65	31
pc Layer	595	558
Pallet	2975	2790
rallet	: 2975	: 2790
Colors		

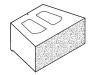
Canyon Brown, Gray, Silvertone

# Integrity™ Retaining Wall System

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



Corner (Front and corner finish) 9×12 IN



8 HEIGHT

Note: Compatible caps on page 89.

# PRODUCT NUMBERS

Split Face – 12" x 8" x 18" Split Face Corner – 12" x 8" x		rner – 12″ x 8″ x 9″				
Janesville Colors		Janesville Col	Janesville Colors			
Buff	0075402B	Buff	0075402C			
Gray	0075400B	Gray	0075400C			
Hush	0075406B	Hush	0075406C			
Silvertone	075412B	Silvertone	0075412C			
Timeless	075410B	Timeless	0075410C			
Roberts Colors	5	Roberts Color	S			
Canyon Browr	n 0047810	Canyon Brow	n 0047810C			
Graphite	0047807	Graphite	0047807C			
Gray	0047801	Gray	0047801C			
Silvertone	0047808	Silvertone	0047808C			
Canyon Browr Graphite Gray	0047810 0047807 0047801	Canyon Brow Graphite Gray	n 0047810C 0047807C 0047801C			



# Integrity

	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		
рс	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		
рс	77	38.5
Layer	720	720
Pallet	2772	2772
	•	:
Colors		
	Grav Ruff Silverto	ne Huch Canvon Brown

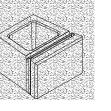
Gray, Buff, Silvertone, Hush, Canyon Brown, Timeless, Graphite

# County Block<sup>®</sup> Retaining Wall System

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

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

Corner (Front and corner finish) 6<sup>1/4</sup> × 12 IN



**7** <sup>5/8</sup> HEIGHT 

Note: Compatible caps on page 89.

# PRODUCT NUMBERS

Swiss Mocha

Timeless

Split Face Standard Block 12″ x 7 5%″ x 12 ½″					
Canyon Brown	0075006				
Gray	0075000				
Silvertone	0075009				
Swiss Mocha	0075020				
Timeless	0075022				
Split Face Corner 12" x 7 %" x 6 ¼"					
Canyon Brown	0075006C				
Gray	0075000C				
Silvertone	0075009C				

0075020C 0075022C





# **County Block**

	Straight SRW Unit	Stright Corner
Size (in.)	12 <sup>1/2</sup> x 12	6 <sup>1/4</sup> x 12
Pallet Type	Single	Single
Plant Production	Janesville	Janesville
Thickness (in.)	75/8	7 <sup>5/8</sup>
: Thickness (III.)		1
	· · · · · ·	
SQFT Per	• •	
pc	0.66	0.33
Layer	10.56	10.56
Pallet	42	42
Per Pallet	9 9 9	
Layers	4	4
UNITS Per		
SqFt	1.5	3
Layer	16	32
Pallet	64	128
	• • •	
LBS Per		
рс	51	35.5
Layer	741	1035
Pallet	3264	4544
	:	
Colors	: :	cil ( <b>T</b> i (

Gray, Silvertone, Timeless,

Swiss Mocha, Canyon Brown

# **Rib Rock**<sup>™</sup> Landscape Block Special Order Rough Stack Product, Call for Availability

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





# **Rough Texture** (Front finish) 23 × 48 IN **24** HEIGHT



Dry Stack Texture

(Front finish)

23 × 48 IN

24 HEIGHT

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

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







**Rib Rock Rough Texture** 



Rib Rock Dry Stack Texture

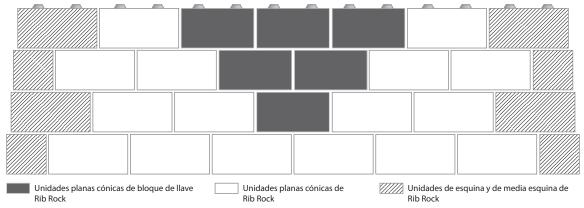
\* The dimensions of all block do not include the face textures. The face textures extend away from the block and will vary from 1-3 inches.

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

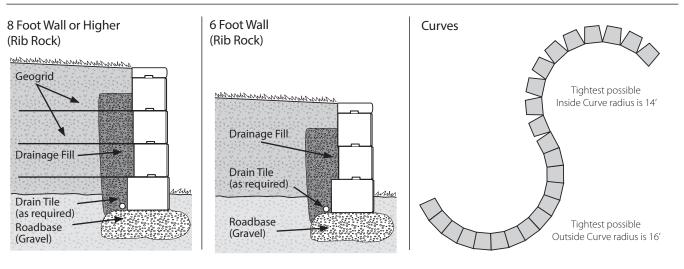
# Rib Rock<sup>™</sup> Landscape Block

# Installation

# **Rib Rock Keyblock Installation**



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



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

# Engineering

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

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

# **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)	27 <sup>1</sup> / <sub>2</sub> x 24 x 52	12	2	5,094	2,547	004197L	004187L
10 – Full Corner Block Right (48R)	27 <sup>1</sup> / <sub>2</sub> 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)	27 <sup>1</sup> / <sub>2</sub> x 24 x 52	12	2	4,366	2,183	00419914DT	00419914RT
19 – TOP Block - Full Corner Left (48LTB)	27 <sup>1</sup> / <sub>2</sub> 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™ Landscape Block

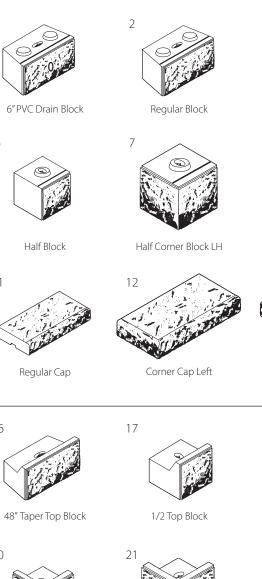
**Units & Sizes** 

6

11

16

20





Half Corner Top Block Left

Half Corner Top Block Right

80



3

44" Short Key Block



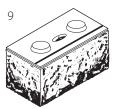
Half Corner Block RH



Corner Cap Right



52" Long Key Block



Full Corner Block Left



Cap - 2 Sided Face & Back



Base Block (No Channel)



Full Corner Block Right

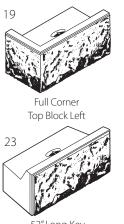


Cap - 3 Sided Face, Back & End

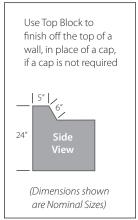




44" Short Key Top Block



52" Long Key Top Block



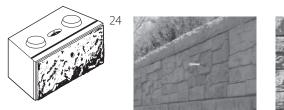
# **Units & Sizes**

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	4	2,320	580	00419922DT	N/A
41 - Half High Top Block - Half Corner Right*	23 x 12 x 24	2	4	2,320	580	00419923DT	N/A
42 - Half High Top Block - Full Corner Left*	27 <sup>1/2</sup> x 12 x 52	6	4	4,368	1,092	00419924DT	N/A
43 - Half High Top Block - Full Corner Right*	27 <sup>1/2</sup> x 12 x 52	6	4	4,368	1,092	00419925DT	N/A

\*Dry Stack Texture Only

# Rib Rock™ Landscape Block

**Units & Sizes** 



Light Block

27





Half High Regular Block

Half High 44" Short Key Block





Half High Half Block

Half High Half Corner Block LH

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





Full Sloped End Block Right



Full Sloped End Block Left





Half High 52" Long Key Block



Half High Base Block (No Channel)



Half High Full Corner Block Right





Half High Half Corner Block RH



Half High Full Corner Block Left

# MagnumStone® Retaining Wall System

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



# MagnumStone<sup>®</sup> Retaining Wall System





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

# Magnum Stone



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

# MagnumStone<sup>®</sup> Retaining Wall System - Extensions

Contact your local representative for specifications









# Related Retaining Wall Products

# Adhesive

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

# Geogrid

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

# Landscape Fabric

Product
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)

# CAPS & COPING

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



# WALL & PILLAR CAPS

# **PRODUCT NUMBERS**

# Split Face Rectangle Cap -Double Sided Japosvillo Colo

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

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

# Split Face Trapezoid Cap -Double Sided

# Janesville Colors

	-
Buff	0074303U
Canyon Brown	0074304U
Graphite	0074305U
Silvertone	0074307U
Swiss Mocha	0074308U
Gray	0074302U
Hush	0074306U
Timeless	0074309U
Vision	0074310U
	de la Mall Contana a

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

# Smooth Rectangle Cap -Double Sided

# Janesville Colors

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

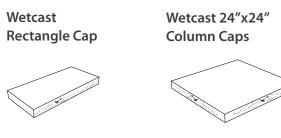
Compatibility: Tribute Wall Systems, Winston, Integrity, County Block, Unity, Summit Stone

# 

Splitface Rectangle Cap Double sided	Splitface Trapezoid Double sided	al Cap Smooth Double	
3 <sup>5/8</sup> × 18 IN	13 <sup>5/8</sup> x 18-14 <sup>1/4</sup> IN	13 <sup>5/8</sup> X 1	18 IN
3 HEIGHT	3 HEIGHT	3 HEIG	HT
Wall &			
Pillar Caps	Splitface Rectangle Cap Double Sided	Splitface Trapezoidal Cap Double Sided	Smooth Rectangle Cap Double Sided
Size (in.)	13 <sup>5/8</sup> x 18	13 <sup>5/8</sup> x 18-14	13 <sup>5/8</sup> x 18
Pallet Type	Single	Single	Single
Plant Production	Janesville / Roberts	Janesville / Roberts	Janesville
Thickness (in.)	3	3	3
SQFT Per	•		
pc	1.5	1.33	1.5
Layer	9	11.97	9
Pallet	99	83.78	72
Per Pallet			
Layers	11	7	8
UNITS Per	*	•	
SqFt	0.67	0.75	0.67
Layer	6	9	6
Pallet	66	63	48
LBS Per		•	
pc	55.6	47	55.58
Layer	323	423	300
Pallet	3669.6	2961	2667.84
Colors			
	Vision	Vision	Allure
•	Timeless	Timeless	Vision
	Silvertone	Silvertone	Majestic
- - -	Graphite	Buff : October Ock	Timeless
- - 	Buff Swiss Mocha	October Oak Swiss Mocha	Reflection Enlighten
•	Canyon Brown	Canyon Brown	Linighten
	Gray	Graphite	
		Gray	
•		Hush	
Compatibility			

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

# WETCAST CAPS



14 x 30 IN 2¾ HEIGHT

24 x 24 IN 2¾ HEIGHT

# Fire Pit Cap

4 pieces assembled (in.)



# Outside - 57 IN 2 3/4 HEIGHT

PRODUCT NUMBERS		
Column Cap	- 24″ x 24″ x 2¾″	
Reflection	380710	
Vision	380711	

Column Cap - 30" x 30" x 2¾"		
Reflection	380720	
Vision	380721	

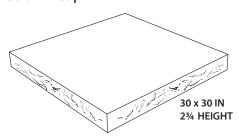
# **Rectangle Cap**

14" x 30" x 2¾"	
Reflection	380714
Vision	380715

88



Wetcast 30"x30" **Column** Cap



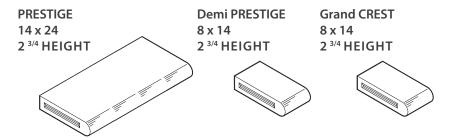
# Wetcast Caps

	• •	:	:	
	Rectangle Cap	Column Cap	Column Cap	Fire Pit Cap
Size (in.)	14 x 30	24 x24	30 x 30	4pcs = 39"
Pallet Type	Single	Single	Single	Single
Plant Production	NA	NA :	NA	ŇA
Thickness (in.)	2 3/4	2 3/4	2 3/4	2 3/4
		:	*	
	* * * * *		*	
SQFT Per				
рс	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	1 14 1			
	Vision	Vision	Vision	Vision
	Reflection	Reflection	Reflection	Reflection
		:	•	
Compatibility				
	Tribute Wall	Tribute Wall	Tribute Wall	Summit Circle
	System	System	System	Fire Pit
	Winston	Summit Stone	Unity Column	
	Integrity		*	
	County Block		*	
	Unity Summit Stone		*	
	Summit Stone	*		
	- •	*	*	00

# **COPING PAVERS** | Prestige, Demi Prestige, & Grand Crest

Applications

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



# PRODUCT NUMBERS

Prestige Coping - Bullnose Burnished 14 x 24		
Janesville Colo	rs	
Quiet Beach	0071200	
Galaxy	0071202	
Sea Salt	0071204	

# Demi Prestige Coping -Bullnose Burnished 8 x 14 Janesville Colors

Quiet Beach	0071210
Galaxy	0071211
Sea Salt	0071212

Grand Crest - Bullnose 8 x 14		
Janesville Cold	ors	
Pofloction	0071213	

Reflection	00/1215	
Vision	0071220	
Majestic	0071215	
Timeless	0071214	

		Coping/Cap	Coping/Cap	Grand Cres
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				
рс	:	2	0.667	0.66
Layer	:	8	12	1.
Pallet		4	96.04	96.04
	:			
Per Pallet				
Layers	:	8	8	
UNITS per				
SqFt	-	0.5		
Layer		4 :	18	1
Pallet	:	32	144	14
LBS per		•		
рс	:	73		
Layer	:	313.25	437	43
Pallet	:	2,336	3500	350
Colors				
		Sea Salt	Sea Salt	Visio
		Quiet Beach	Quite Beach	Reflectio
		Galaxy	Galaxy	Timeles
				Majest
Compatibility				
Tribute Wall S	system	s, Winston, Integ	arity, County Block, Ui	nity, Summit Ston

Singe & Double Sided Walls, Steps & Treads, Pool Coping

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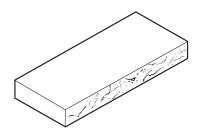
# UNITS

eways® Step Units upe Step Units e Landscape Step Units

# Passageways<sup>®</sup> Step Units

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





Passageways Step Unit 20″ x 6″ x 48″		
Beckon	0070145	
Reflection	0070141	
Vision	0070143	
Timeless	0070144	

**PRODUCT NUMBERS** 

# Passageways Step Units with Glow Path Technology™

20" x 6" x 48"	57
Reflection	007GP045
Vision	007GP046



# Passageways **Step Units**

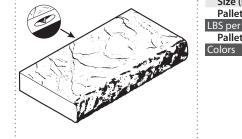
* *	•	Standard	Glow Path
Size (in.)		20 x 6 x 48	20 x 6 x 48
UNITS per			
Pallet	0 6 6	3	3
LBS per			
Pallet	:	1491	1491
рс		497	497
Colors			
	:	Vision	Vision
:	:	Beckon	Reflection
*		Reflection	
•	0 0 0	Timeless	

# LANDSCAPE STEP **UNITS AND OVERSIZE** LANDSCAPE STEP UNITS

Landscape Step Units 14 × 24 IN **6** HEIGHT



**Oversize Landscape Step Units** 25 × 48 in **6**<sup>1/4</sup> 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.



Vision



**PRODUCT NUMBERS** 

Landscape Step Unit – 14" x 6" x 24" Canyon Brown 002688R 002694R Graphite 002696R Gray 002692R October Oak 002690R Silvertone

002699R

# PRODUCT NUMBERS

Oversize Landscape Step Unit -25" x 6 ¼" x 48" Gray 004188G3 Camel 004188C3

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ч	
-	~







Colors



installation and labor costs.





Vision, Gray, October Oak, Silvertone, Graphite, Canyon Brown

# **Oversize Landscape Step Units**

	Overbize
Size (in.)	25 x 48 x 6 ¼
Pallet	4
LBS per	
Pallet	3085
Colors	
	Contra Contra I

Gray, Camel

Oversize

10

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Notes

# RE PITS

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e<sup>®</sup> Smooth Square Fire Pit Kits <sup>™</sup> Square Fire Pit Kits

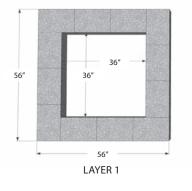
nit Stone<sup>®</sup> Square Fire Pit Kits

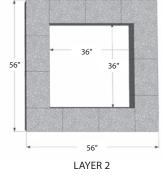
nit Stone<sup>®</sup> Circle Fire Pit Kits

# Tribute<sup>®</sup> Smooth Square Fire Pit Kits

Achieve sophistication with our Tribute Smooth Fire Pit Kits. 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 <sup>1/8</sup> × 15 <sup>5/8</sup> in 6 height



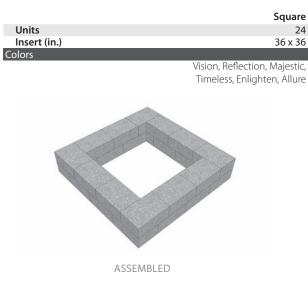


PRODUCT NUMBERS

Square Fire Pit using Tribute Smooth Requires (1) 36" Square Steel Insert & (24) Tribute Smooth Corners 36" x 36" Square Steel Insert 007263FPI Add 24 Tribute Smooth Corner Units



# **Tribute Smooth Fire Pit Kit**

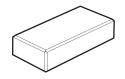




# Unity<sup>™</sup> Square Fire Pit Kit

Achieve sophistication with our Unity Square Fire Pit Kits. 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.

# Rectangular 9 × 18 IN 4 HEIGHT (All sides finish)



PRODUCT NUMBERS

Square Fire Pit Kit using Unity Landscape Block Requires (1) 36" Square Steel Insert & (3) Unity Landscape Block 36" x 36" Square Steel Insert 007263FPI Add 30 Unity Landscape Block





# **Unity Fire Pit Kit**

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

Vision, Reflection, Majestic, Timeless, Enlighten, Allure

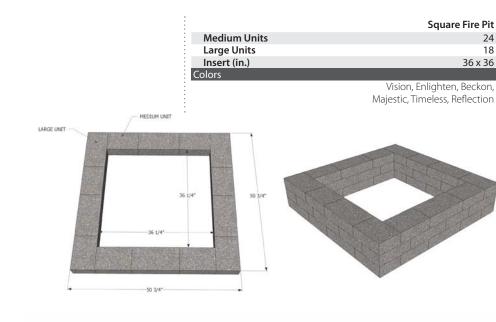


# Summit Stone® Square Fire Pit Kit

Our popular Summit Stone Landscape Units make great fire features. Square fire pit kits include a 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.



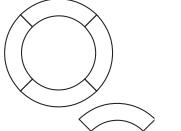
# **Summit Stone Square Fire Pits**



# Summit Stone® Circle Fire Pit Kit

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

Inside Diameter – 39 Outside Diameter – 57 Height –2<sup>3</sup>⁄<sub>4</sub> Tapered 7<sup>1/4</sup> x 9<sup>7/8</sup> IN 3<sup>5/8</sup> HEIGHT



 $\bigcirc$ 

PRODUCT NUMBERS

Circle Fire Pit Kit using Summit Stone Requires (1) 39" Circle Steel Insert and 51 Tapered Summit Stone in Smooth or Tumbled Units 39" Circle Steel Insert 0072539 Add 51 Tapered Units

PRODUCT NUMBERS

Medium

7<sup>1/4</sup> x 10<sup>7/8</sup> IN

**3** <sup>5/8</sup> HEIGHT

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

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









# Summit Stone Circle Fire Pits

# **Circle Fire Pit**

Tapered Units				51
Insert (in.)				39 Circle
Colors				
	\/ieiee	Enlinhton	Deelien	Mainstin

Vision, Enlighten, Beckon, Majestic, Timeless, Reflection



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 WARRANTIES 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 WARRANTIES 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 WARANTIES 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 WARANTIES 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. Buver 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 arounds, 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 DISTRUBIION 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.

# IOINT 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, CONSE-QUENTIAL 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 CON-TRACTORS 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.

Buver 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.

RESPONSIVE
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Our commitment to quality derives from our talented team of people who believe in delivering unparalleled craftsmanship, attention to detail, and customer service. Our customers trust that when they choose County Materials, they are partnering with an experienced, devoted team that is willing to go the extra mile for lifelong satisfaction.







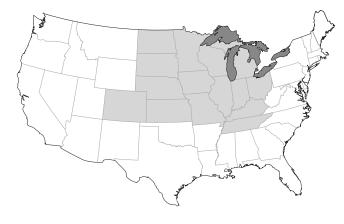
**OUR LOCATIONS & DEALERS** Scan to find a list of County Materials retail locations and Dealers



CUSTOMER SERVICE Scan to request customer service or Contact Customer Service at (800) 242-7733



# **SERVICE**



States with **County Materials Dealer Locations** 



Proud to be American based and American made since 1946















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

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