



## LIFETIME TRANSFERABLE LIMITED WARRANTY

Oldcastle® APG, Inc. ("Belgard") is proud to inform you that all of our interlocking concrete paver and retaining walls ("Products") meet and/or exceed the requirements of ASTM C-936 and ASTM C-1372. Belgard® guarantees its Products against these standards for the lifetime of the Product defined by ICPI. This guarantee does not apply to splitting, chipping or other breakage that could be caused by impact, abrasion or overloading. This warranty is transferable. The original proof of purchase is required.

This warranty is only valid if the material is installed under the guidelines of the ICPI ([www.ICPI.org](http://www.ICPI.org)), The NCMA ([www.ncma.org](http://www.ncma.org)) or the Belgard Installation Guideline Manual. Improper installation voids this warranty. This warranty is for residential applications only and does not apply to commercial applications. It is recommended that the job be installed by a Belgard Contractor Program participant who guarantees their workmanship for a minimum of 3 years from the date of install. For warranty service, contact Belgard at 877-BELGARD. A service representative will investigate your claim within 10 business days. If the Belgard product fails to meet the specifications, Belgard will replace the defective product at no charge. Color matching cannot be guaranteed. Belgard will not be responsible for any replacement labor, consequential damages or incidental damages. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow for the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

For specific information regarding warranty coverage and exclusions in regards to the Elements™ and Porcelain Paver products, please visit: [Belgard.com/Warranty](http://Belgard.com/Warranty).

# ABOUT US

At Belgard®, we take our role as industry leaders seriously. Our rigorous research and development program is centered on innovation and quality. We never take it for granted that our products are the best in the business and constantly strive to improve and take the industry to the next level. Our overarching goal is to continue to find new and exciting ways to create beautiful outdoor spaces while maintaining incredibly high standards for product quality and performance.

Since 1995, our locally made and nationally backed products have transformed thousands of residential and commercial properties across North America. With more shapes, styles and textures than any other brand, Belgard's Outdoor Living paving and wall products aren't just functional, they infuse outdoor spaces with distinctive atmosphere and style.

Every day, our network of Belgard Authorized Dealers and Contractors helps customers realize their outdoor dreams. And every year, we strive to improve our product and service offerings by dedicating more than 20,000 hours to research and development. By staying ahead of design trends, we are able to provide design-forward products that homeowners envision for their backyard spaces.

All of our outdoor products—when installed by a Belgard Authorized Contractor—are covered by a transferable lifetime limited warranty. That's just part of our commitment to lasting outdoor beauty.

# PAVERS & SLABS

## PAVERS & SLABS INSTALLATION GUIDE

### 4 Interlocking Concrete Pavement

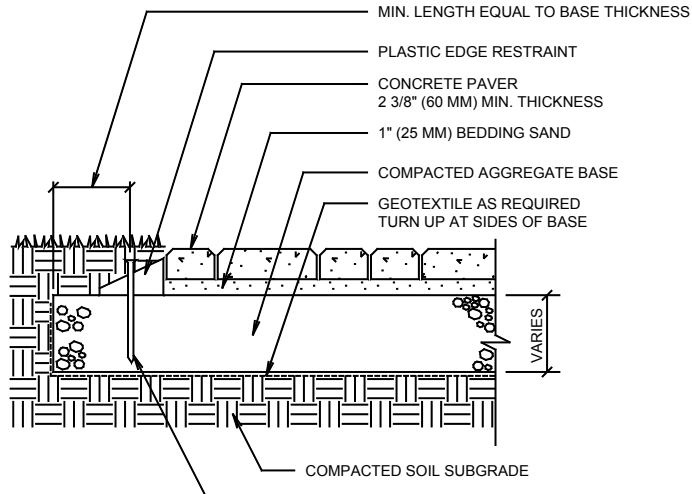
#### PAVERS & SLABS

5	Belgian Cobble®	26	Old York™
7	Brikstone™ Flat Colonial	27	Origins™ 6
11	Dimensions™ 6	27	Origins™ 12
11	Dimensions™ 12	27	Origins™ 18
11	Dimensions™ 18	27	Origins™ Accent
11	Dimensions™ Slab		
11	Dimensions™ Accent		
17	Holland Stone		
18	Mega-Arbel®		
20	Melville™ Plank		

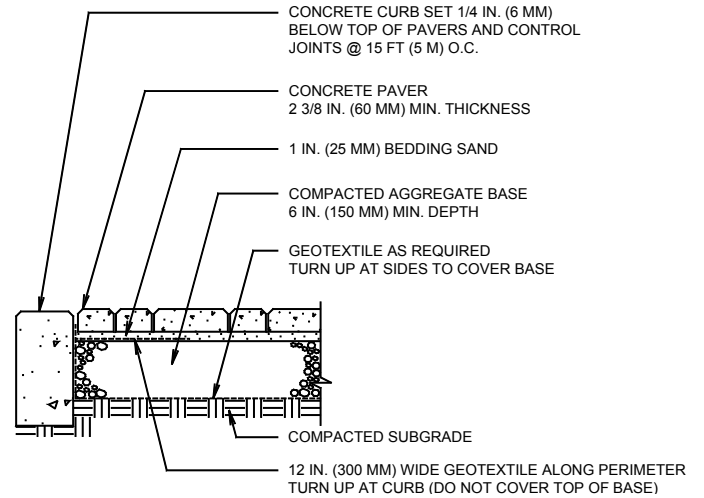
For basic paver installation information  
visit [icpi.org](http://icpi.org)

# INTERLOCKING CONCRETE PAVEMENT (ICP)

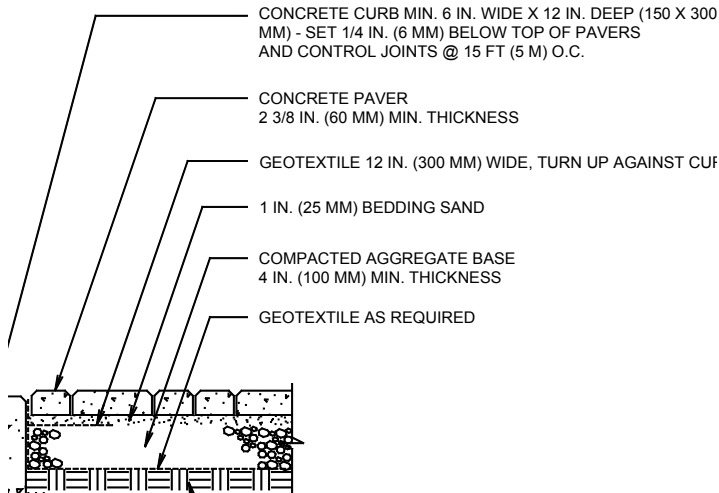
**PATIO/WALK/RESIDENTIAL DRIVEWAY WITH PLASTIC EDGE RESTRAINT CROSS SECTION**



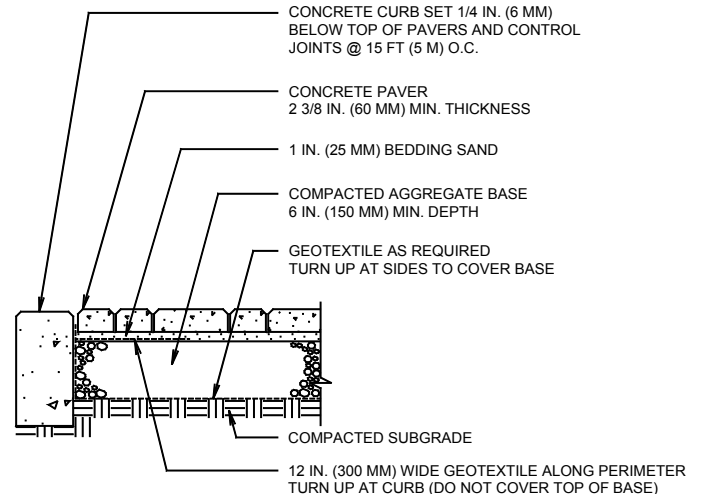
**RESIDENTIAL DRIVEWAY WITH CONCRETE EDGES CROSS SECTION**



**PATIO/SIDEWALK ON COMPACTED AGGREGATE BASE CROSS SECTION**








**SWIMMING POOL DECK AND COPING CROSS SECTION**





Scan for additional  
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓	✓		✓	

## SHAPES & SIZES

### Multi-Piece



Variable x 2<sup>3</sup>/<sub>8</sub>

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	-----------------	----------------	-------------------

### MULTI-PIECE

VARIABLE X 2 <sup>3</sup> / <sub>8</sub>	68	-	-	320	-	-	1640
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Lay pavers at random.

### ITEM CODES

#### MULTI-PIECE

MIDNIGHT	10503352
MOONLIGHT	10503353

**NOTES:**

AutoCAD® hatch pattern files can be downloaded from [belgard.com](http://belgard.com) for use in architectural drawings.

Some patterns may not necessarily reflect the percentages of stone sizes within a particular pallet. In some cases you may have extras in one or more of the sizes. This must be accounted for in your planning and design.

Percentages are based on area by paver.









# BRIKSTONE™ FLAT COLONIAL

LEGACY  
COLLECTION 

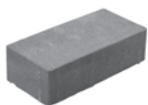


Scan for additional  
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA	TEXTUREGUARD PROCESS
					
✓	✓				✓

## SHAPES & SIZES

60mm



4 x 8 x 2<sup>3</sup>/<sub>8</sub>

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
60mm							
4 X 8 X 2 <sup>3</sup> / <sub>8</sub>	116.25	11.625	10	540	–	–	3406

### ITEM CODES

#### MULTI-PIECE

MAHOGANY	10503271
ROSECREEK	10503272
TERRA COTTA	10503273

## BRIKSTONE™ FLAT COLONIAL



1-PIECE RUNNING BOND PATTERN

100% 3<sup>15</sup>/<sub>16</sub> x 7<sup>7</sup>/<sub>8</sub>

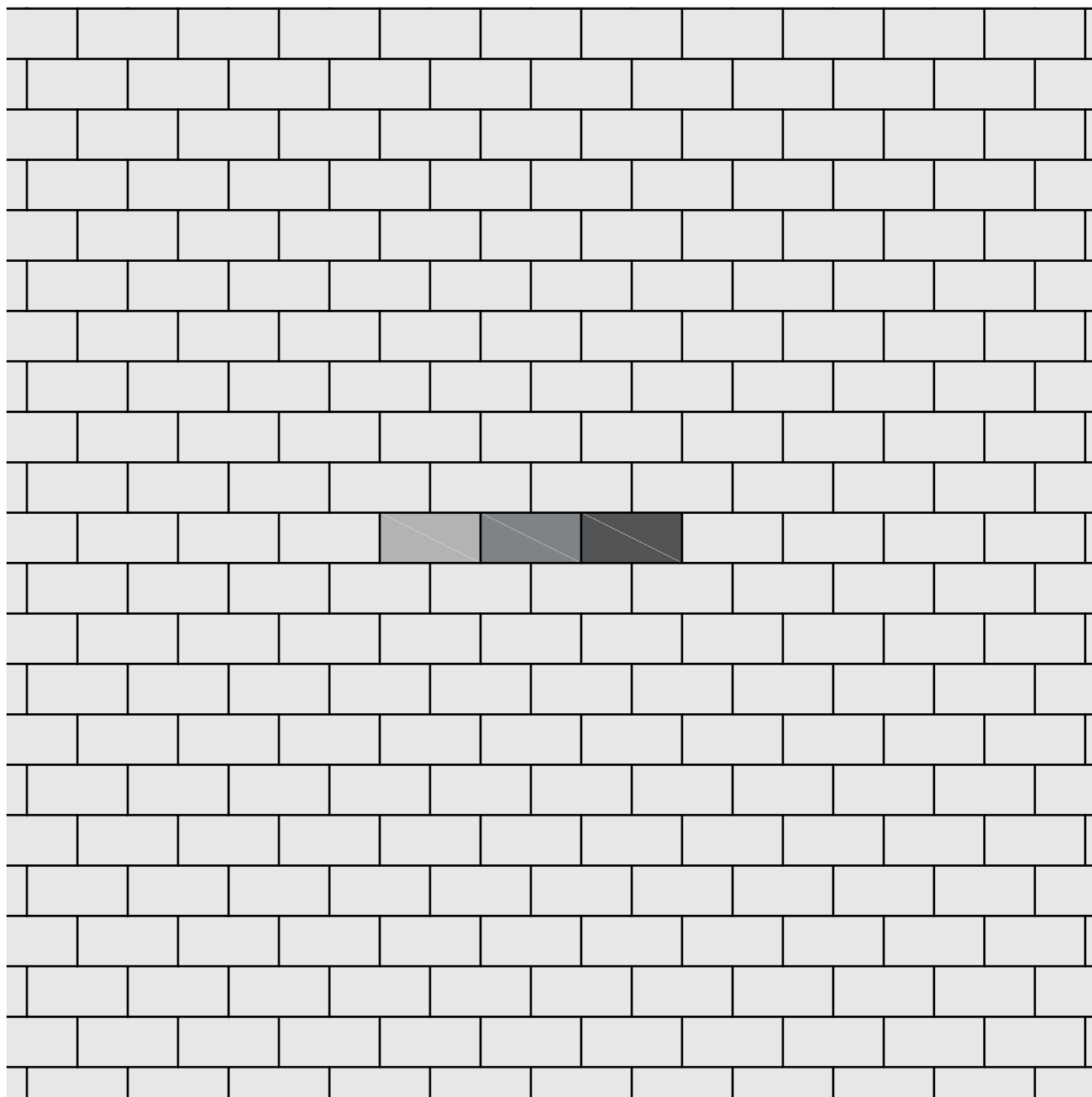
### NOTES:

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Some patterns may not necessarily reflect the percentages of stone sizes within a particular pallet. In some cases you may have extras in one or more of the sizes. This must be accounted for in your planning and design.

Percentages are based on area by paver.

Pattern can also used for Holland Stone, found on page 17, Old York found on page 26 and Aqualine found on page 31.



## BRIKSTONE™ FLAT COLONIAL



1-PIECE HERRINGBONE PATTERN

### NOTES:

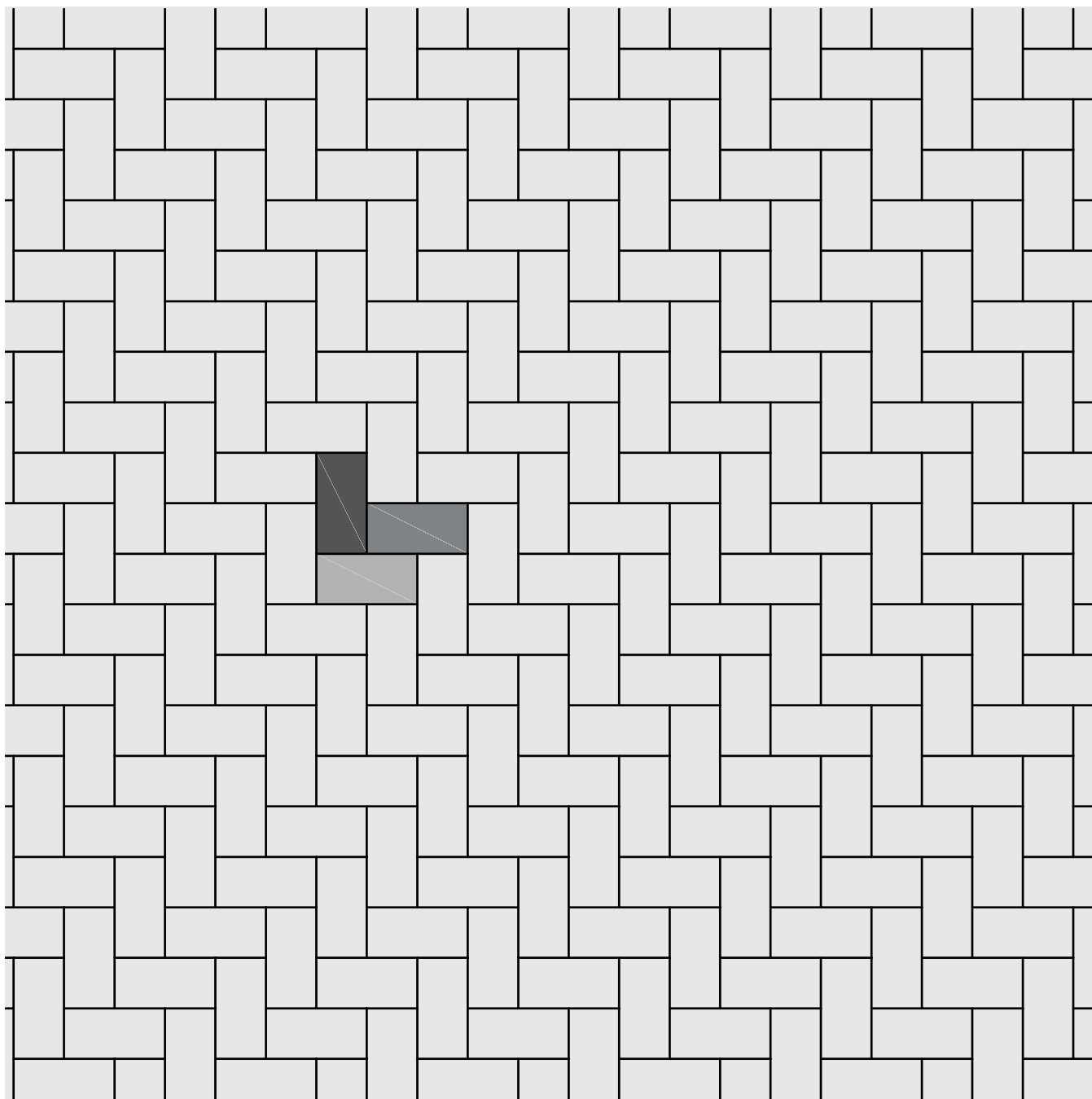
AutoCAD® hatch pattern files can be downloaded from [belgard.com](http://belgard.com) for use in architectural drawings.

Some patterns may not necessarily reflect the percentages of stone sizes within a particular pallet. In some cases you may have extras in one or more of the sizes. This must be accounted for in your planning and design.

Percentages are based on area by paver.

100% 3<sup>15</sup>/<sub>16</sub> x 7<sup>7</sup>/<sub>8</sub>

**Pattern can also used for Holland Stone, found on page 17, Old York found on page 26 and Aqualine found on page 31.**



## BRIKSTONE™ FLAT COLONIAL



1-PIECE BASKET WEAVE PATTERN

### NOTES:

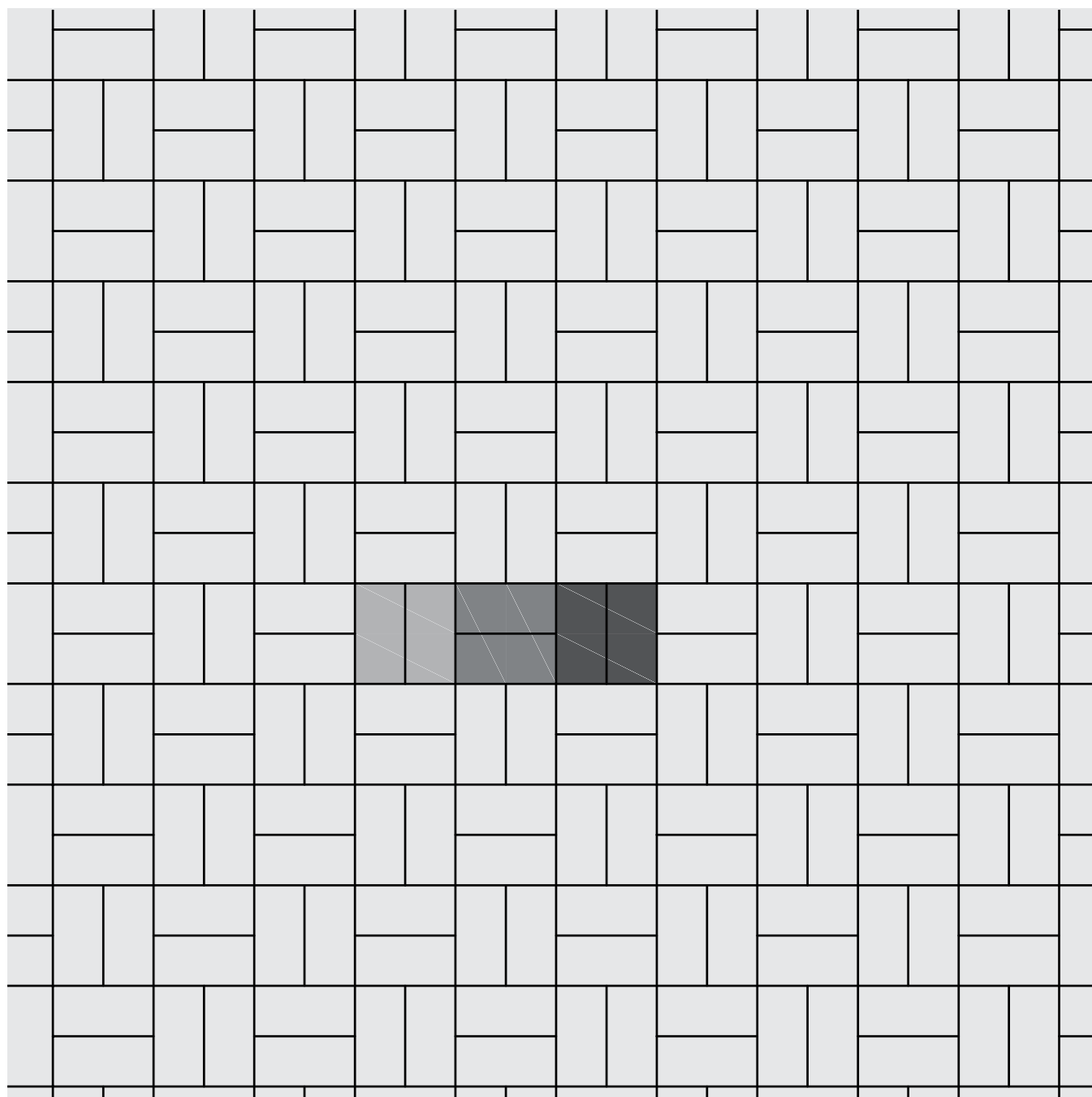
AutoCAD® hatch pattern files can be downloaded from [belgard.com](http://belgard.com) for use in architectural drawings.

Some patterns may not necessarily reflect the percentages of stone sizes within a particular pallet. In some cases you may have extras in one or more of the sizes. This must be accounted for in your planning and design.

Percentages are based on area by paver.

100% 3<sup>15</sup>/<sub>16</sub> x 7<sup>7</sup>/<sub>8</sub>

Pattern can also used for Holland Stone, found on page 17, Old York found on page 26 and Aqualine found on page 31.





Scan for additional  
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA	TEXTUREGUARD PROCESS
✓	✓*			✓	✓

\*Only applicable for Dimensions 6 and accents.

## SHAPES & SIZES

### Dimensions 6



3 x 6 x 2<sup>3</sup>/<sub>8</sub>



6 x 6 x 2<sup>3</sup>/<sub>8</sub>



6 x 9 x 2<sup>3</sup>/<sub>8</sub>

### Dimensions 12



6 x 12 x 2<sup>3</sup>/<sub>8</sub>

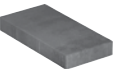


12 x 12 x 2<sup>3</sup>/<sub>8</sub>



18 x 12 x 2<sup>3</sup>/<sub>8</sub>

### Dimensions 18



9 x 18 x 2<sup>3</sup>/<sub>8</sub>



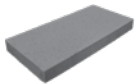
18 x 18 x 2<sup>3</sup>/<sub>8</sub>



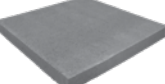
27 x 18 x 2<sup>3</sup>/<sub>8</sub>

### 60mm Slabs

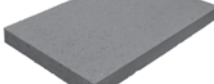
Slabs are sold separately.



12 x 24 x 2<sup>3</sup>/<sub>8</sub>



24 x 24 x 2<sup>3</sup>/<sub>8</sub>



24 x 36 x 2<sup>3</sup>/<sub>8</sub>

### Accents

Accents are sold separately.



3 x 9 x 2<sup>3</sup>/<sub>8</sub>



3 x 12 x 2<sup>3</sup>/<sub>8</sub>



6 x 6 x 2<sup>3</sup>/<sub>8</sub>



6 x 9 x 2<sup>3</sup>/<sub>8</sub>

### ITEM CODES

#### DIMENSIONS 6

COTSWOLD MIST 10151298

DANVILLE BEIGE 10151409

#### DIMENSIONS 12

AMBER BEIGE 10150695

CHESWICK 10151248

COTSWOLD MIST 10150913

DANVILLE BEIGE 10150914

SCANDINA GRAY 10150692

#### DIMENSIONS 18

AMBER BEIGE 10151720

CHESWICK 10151247

COTSWOLD MIST 10151298

DANVILLE BEIGE 10151409

PEWTER 10151297

### ITEM CODES

#### DIMENSIONS ACCENTS 3 X 9

MIDNIGHT 10151372

#### DIMENSIONS ACCENTS 3 X 12

MIDNIGHT 10992111

#### DIMENSIONS ACCENTS 6 X 6

BOURBON 10150987

MIDNIGHT 10150988

MOONLIGHT 10150989

#### DIMENSIONS ACCENTS 6 X 9

BOURBON 10150992

MIDNIGHT 10150993

MOONLIGHT 10150994

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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## DIMENSIONS 6

3 X 6 X 2 <sup>3</sup> / <sub>8</sub> 6 X 6 X 2 <sup>3</sup> / <sub>8</sub> 6 X 9 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	480	—	240	3325
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## DIMENSIONS 12

6 X 12 X 2 <sup>3</sup> / <sub>8</sub> 12 X 12 X 2 <sup>3</sup> / <sub>8</sub> 18 X 12 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	120	—	120	3516
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## DIMENSIONS 18

9 X 18 X 2 <sup>3</sup> / <sub>8</sub> 18 X 18 X 2 <sup>3</sup> / <sub>8</sub> 27 X 18 X 2 <sup>3</sup> / <sub>8</sub>	112.5	11.3	10	50	—	—	3152
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## SLABS

12 X 24 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	60	60	120	3384
24 X 24 X 2 <sup>3</sup> / <sub>8</sub>	80	12	10	20	40	40	2256
24 X 36 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	20	40	60	3325

## ACCENTS

3 X 9 X 2 <sup>3</sup> / <sub>8</sub>	103	10.3	10	550	-	-	2805
3 X 12 X 2 <sup>3</sup> / <sub>8</sub>	110	11	10	440	-	-	3002
6 X 6 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	480	-	-	3312
6 X 9 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	320	-	-	3328

## ITEM CODES

### DIMENSIONS SLABS 12 X 24

AMBER BEIGE	10991047
CHESWICK	10993298
FOUNDRY	10992603
LINEN	10992596
SCANDINA GRAY	10252377

### DIMENSIONS SLABS 24 X 24

AMBER BEIGE	10991050
CHESWICK	10993299
FOUNDRY	10992666
LINEN	10992659
SCANDINA GRAY	10991049

### DIMENSIONS SLABS 24 X 36

AMBER BEIGE	10150696
CHESWICK	10151427
FOUNDRY	10151254
LINEN	10151277
SCANDINA GRAY	10150697

#### NOTES:

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Some patterns may not necessarily reflect the percentages of stone sizes within a particular pallet. In some cases you may have extras in one or more of the sizes. This must be accounted for in your planning and design.

Percentages are based on area by paver.

21% 3 x 6

23% 6 x 6

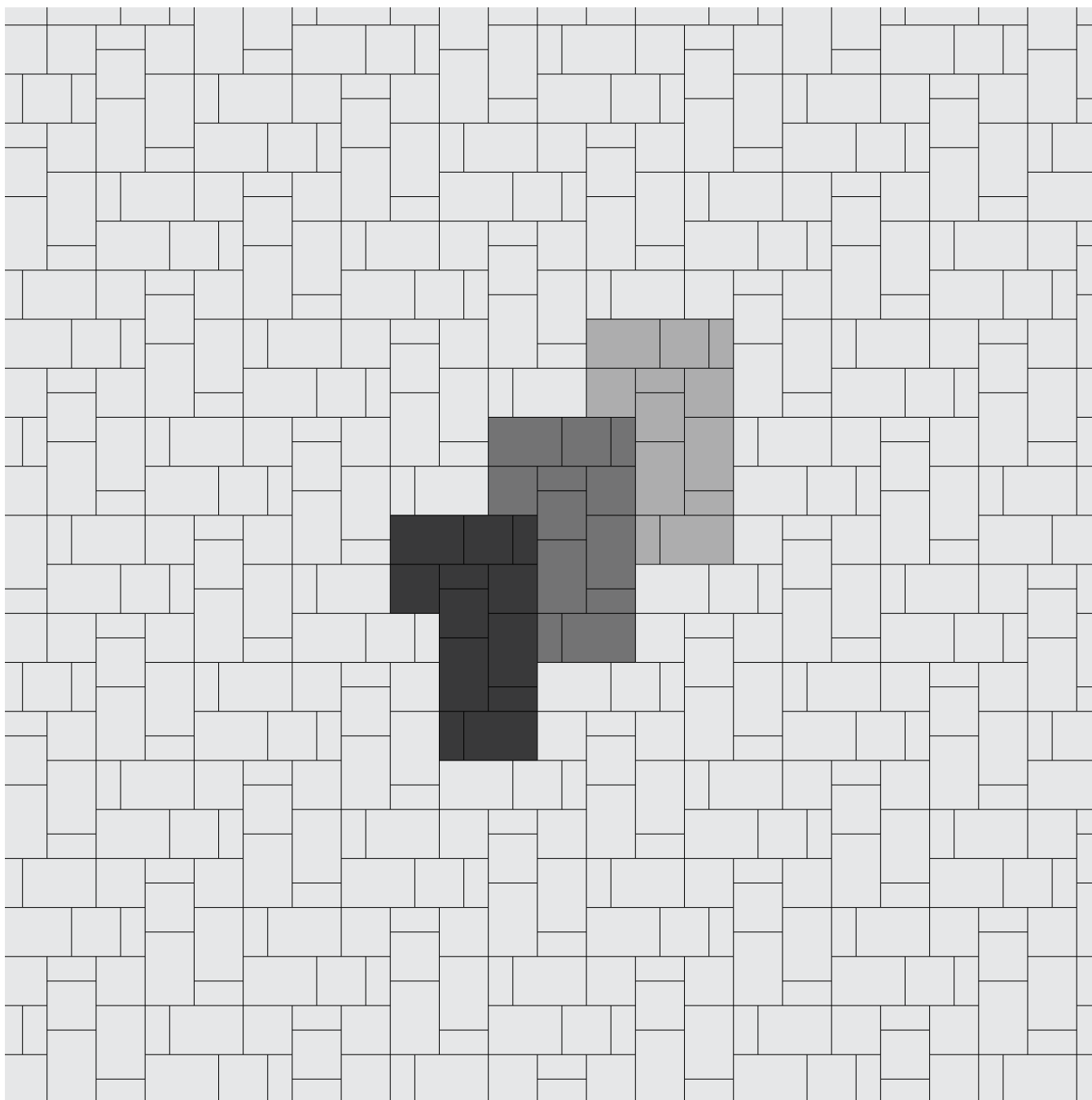
56% 6 x 9

21% 6 x 12

23% 12 x 12

56% 12 x 18

**Pattern can also be used for Origins 3-Piece, found on page 27.**



### NOTES:

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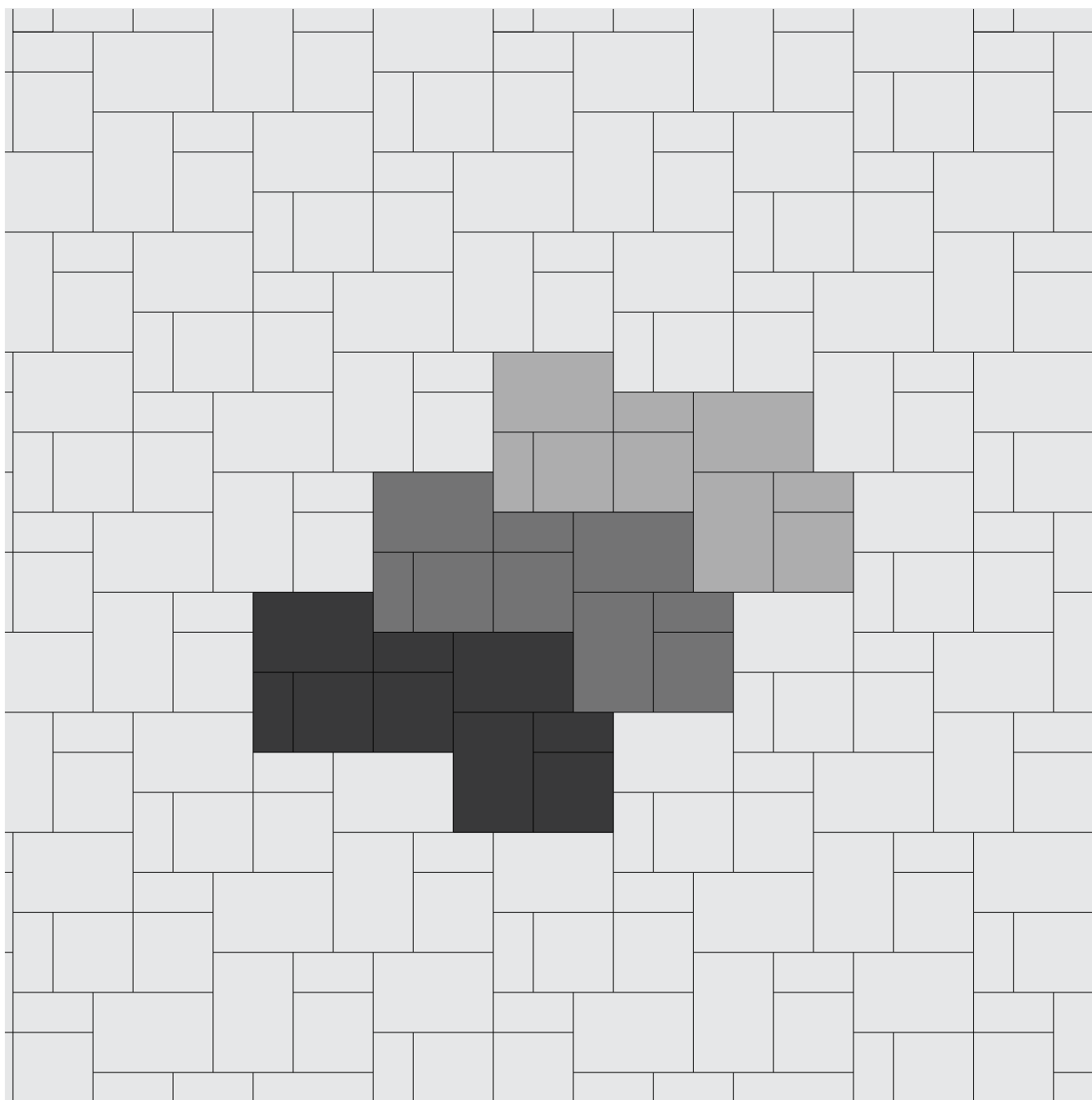
Percentages are based on area by paver.

21% 9 x 18

23% 18 x 18

56% 18 x 27

**Pattern can also be used for Origins 3-Piece, found on page 27.**



### NOTES:

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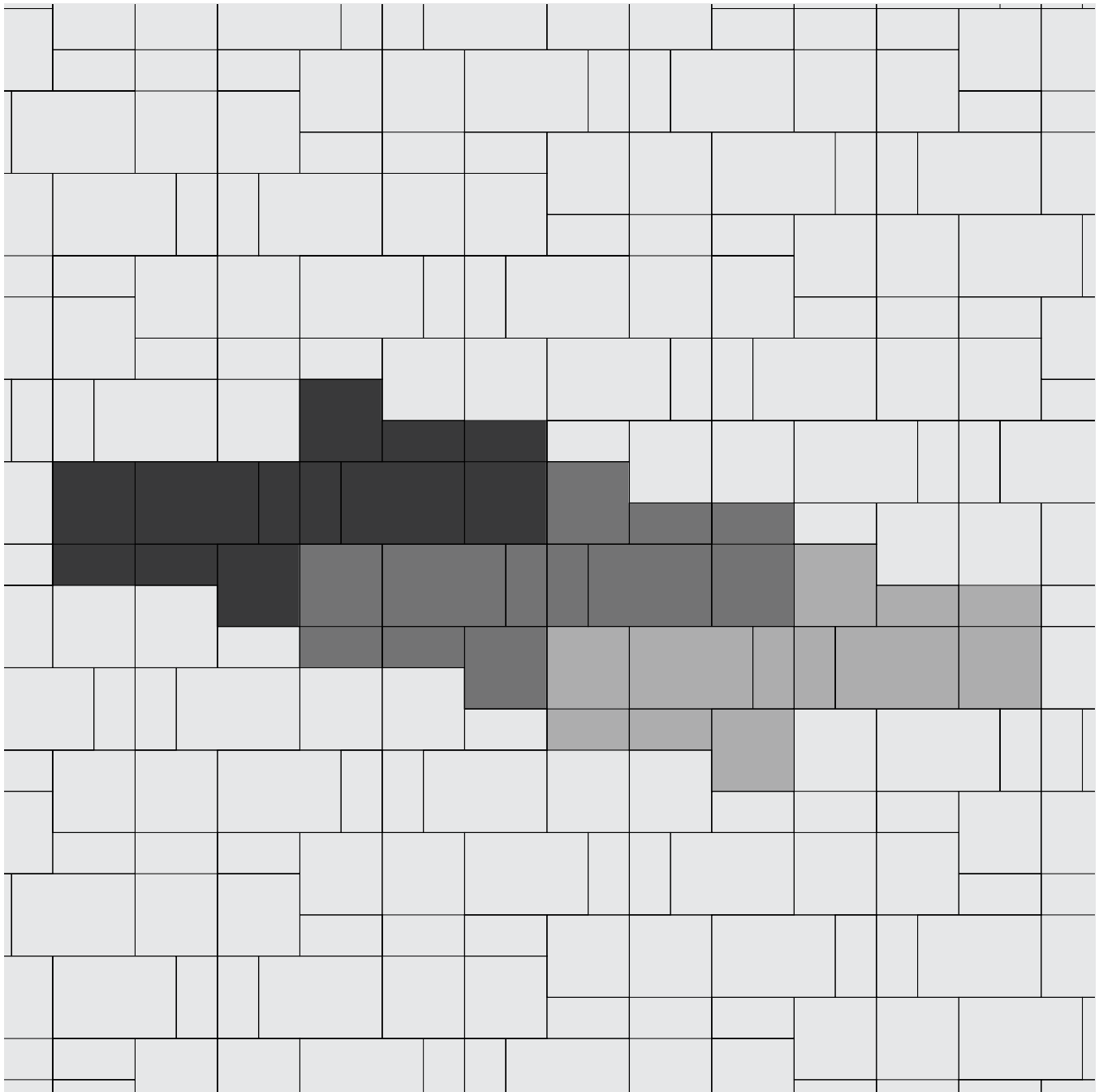
Percentages are based on area by paver.

21% 9 x 18

23% 18 x 18

56% 18 x 27

**Pattern can also be used for Origins 3-Piece, found on page 27.**



### NOTES:

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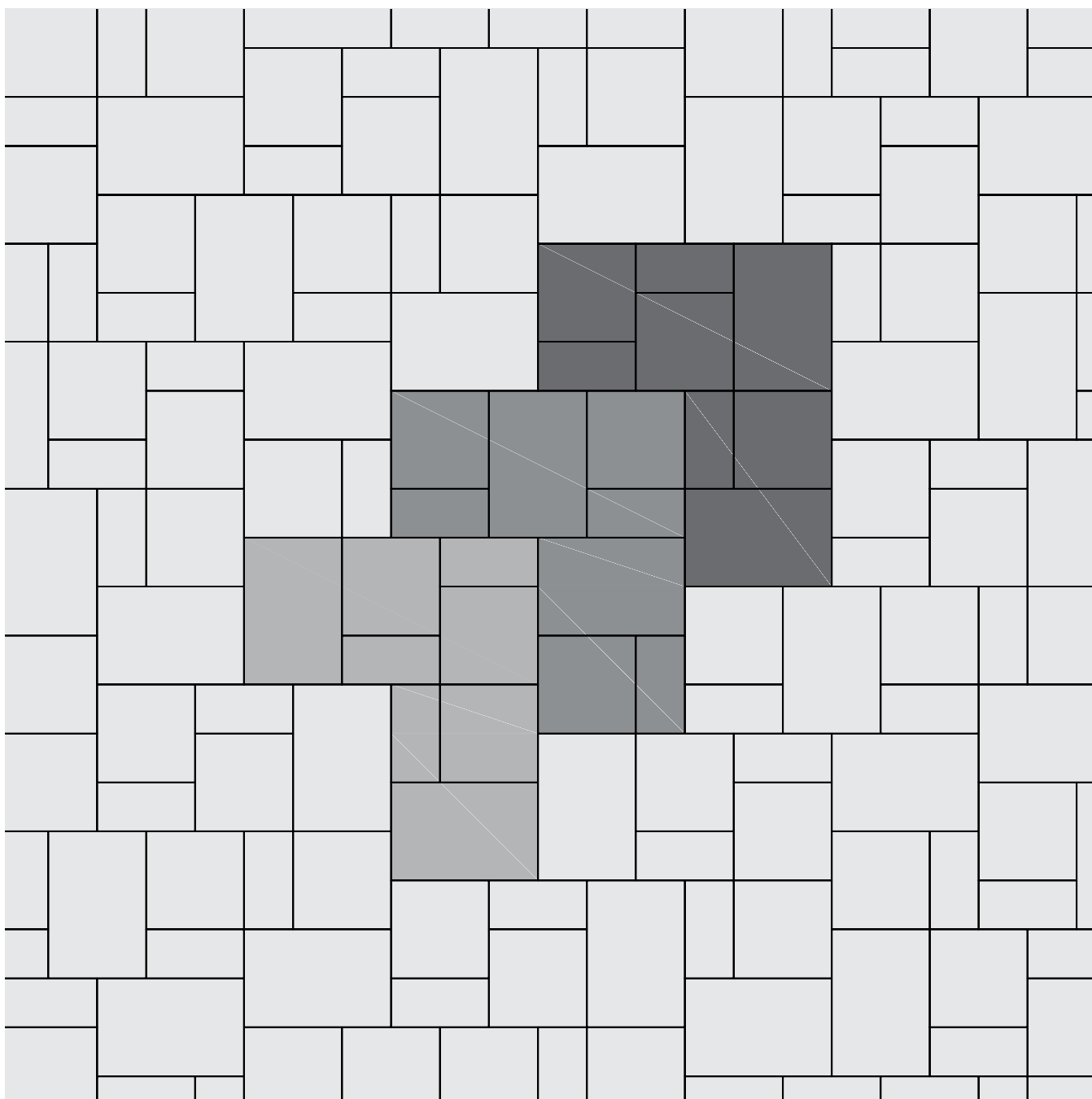
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Percentages are based on area by paver.

20% 12 x 24

40% 24 x 24







40% 24 x 36





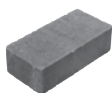
Scan for additional  
product information

For Pattern reference can be found starting  
at page 8.

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA	TEXTUREGUARD PROCESS
					
✓	✓			✓	✓

## SHAPES & SIZES

### 60mm



4 x 8 x 2<sup>3</sup>/<sub>8</sub>

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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### 60mm

4 X 8 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	540	–	–	3348
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### ITEM CODES

#### STANDARD 60mm

ASHBURY HAZE	10156302
BOURBON	10158481
COTSWOLD MIST	10156303
GASCONY TAN	10155952
MIDNIGHT	10156391



Scan for additional  
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓	✓			

## SHAPES & SIZES

### 80mm



15<sup>3</sup>/<sub>8</sub> x 21 x 3<sup>1</sup>/<sub>8</sub>

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
80mm							
15 <sup>3</sup> / <sub>8</sub> X 21 X 3 <sup>1</sup> / <sub>8</sub>	77.6	–	9	54	–	–	2753

### ITEM CODES

#### 80mm

ASHBURY HAZE	10200200
COTSWOLD MIST	10200260
DANVILLE BEIGE	10200033



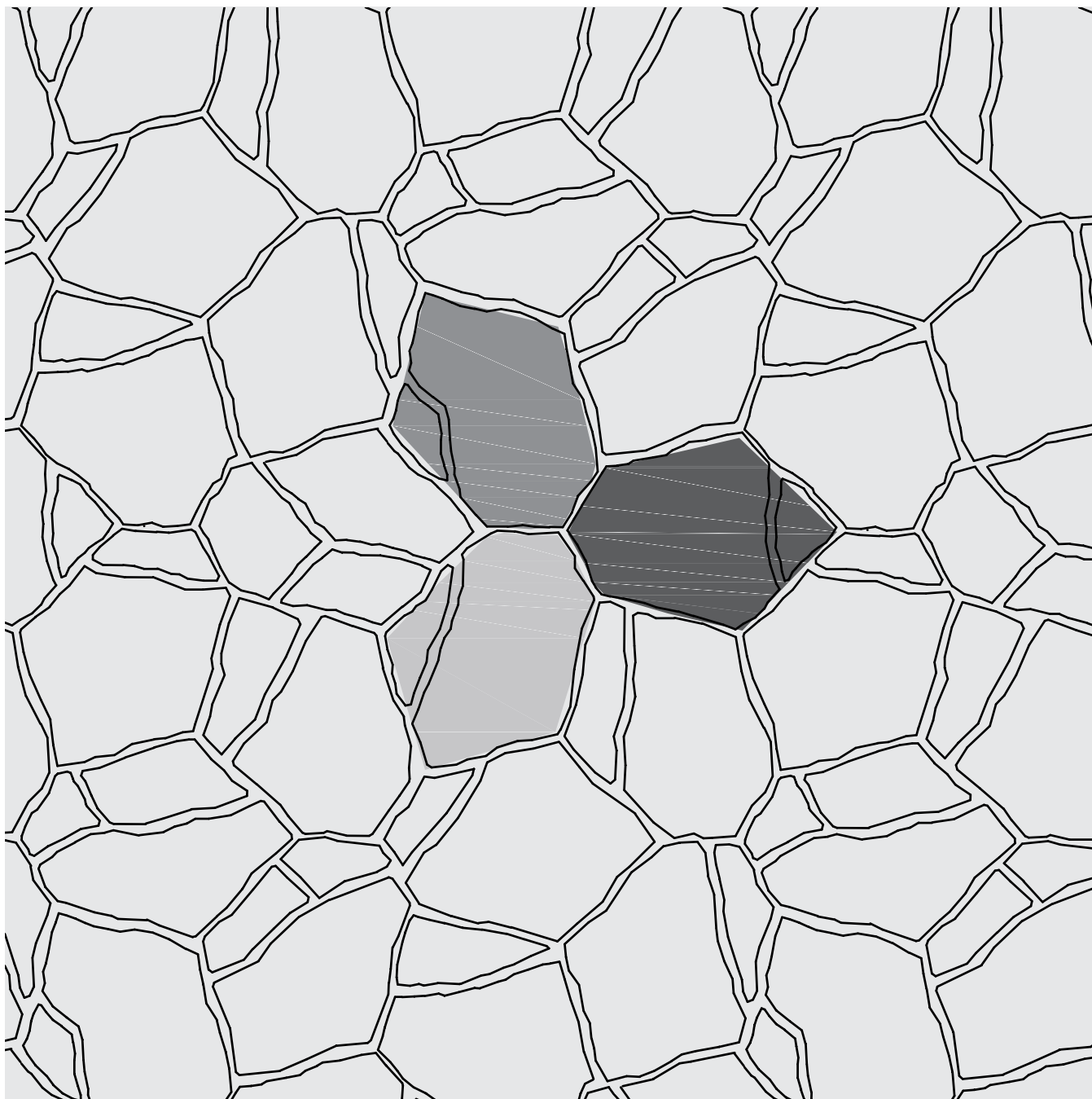
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Percentages are based on area by paver.

100% 15<sup>3</sup>/<sub>8</sub> x 21





Scan for additional  
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA	TEXTUREGUARD PROCESS
					
✓				✓	✓

## SHAPES & SIZES

### 3-Piece Slim



5 x 11<sup>13</sup>/<sub>16</sub> x 2<sup>3</sup>/<sub>8</sub>



5 x 15<sup>3</sup>/<sub>4</sub> x 2<sup>3</sup>/<sub>8</sub>



5 x 19<sup>11</sup>/<sub>16</sub> x 2<sup>3</sup>/<sub>8</sub>

### 3-Piece Large



7<sup>1</sup>/<sub>2</sub> x 11<sup>13</sup>/<sub>16</sub> x 2<sup>3</sup>/<sub>8</sub>



7<sup>1</sup>/<sub>2</sub> x 15<sup>3</sup>/<sub>4</sub> x 2<sup>3</sup>/<sub>8</sub>



7<sup>1</sup>/<sub>2</sub> x 19<sup>11</sup>/<sub>16</sub> x 2<sup>3</sup>/<sub>8</sub>

ITEM CODES	
3-PIECE SLIM	
COTSWOLD MIST	10150782
MIDNIGHT	10150763
3-PIECE LARGE	
COTSWOLD MIST	10150762
MIDNIGHT	10150760

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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## 3-PIECE SLIM

5 X 11 <sup>13</sup> / <sub>16</sub> X 2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	—	—
5 X 15 <sup>3</sup> / <sub>4</sub> X 2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	—	—
5 X 9 <sup>11</sup> / <sub>16</sub> X 2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	—	—
TOTAL	114.5	11.45	10	—	—	—	3356

## 3-PIECE LARGE

7 <sup>1</sup> / <sub>2</sub> X 11 <sup>13</sup> / <sub>16</sub> X 2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	—	—
7 <sup>1</sup> / <sub>2</sub> X 15 <sup>3</sup> / <sub>4</sub> X 2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	—	—
7 <sup>1</sup> / <sub>2</sub> X 9 <sup>11</sup> / <sub>16</sub> X 2 <sup>3</sup> / <sub>8</sub>	—	—	—	—	—	—	—
TOTAL	122.7	12.27	10	—	—	—	3595

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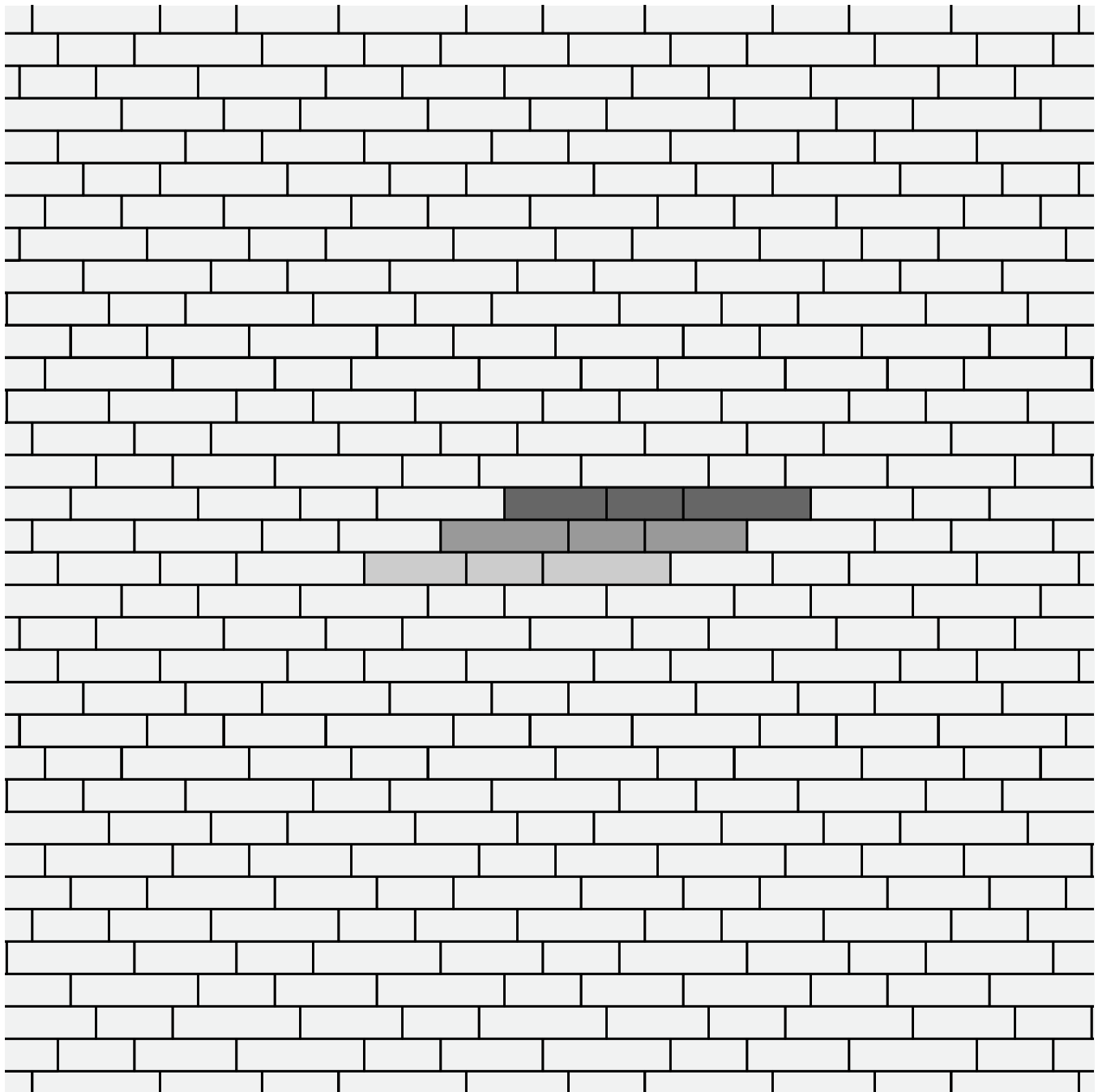
Some patterns may not necessarily reflect the percentages of stone sizes within a particular pallet. In some cases you may have extras in one or more of the sizes. This must be accounted for in your planning and design.

Percentages are based on area by paver.

25% 5 x 11<sup>13</sup>/<sub>16</sub>

33% 5 x 15<sup>3</sup>/<sub>4</sub>

42% 5 x 19<sup>1</sup>/<sub>16</sub>



### NOTES:

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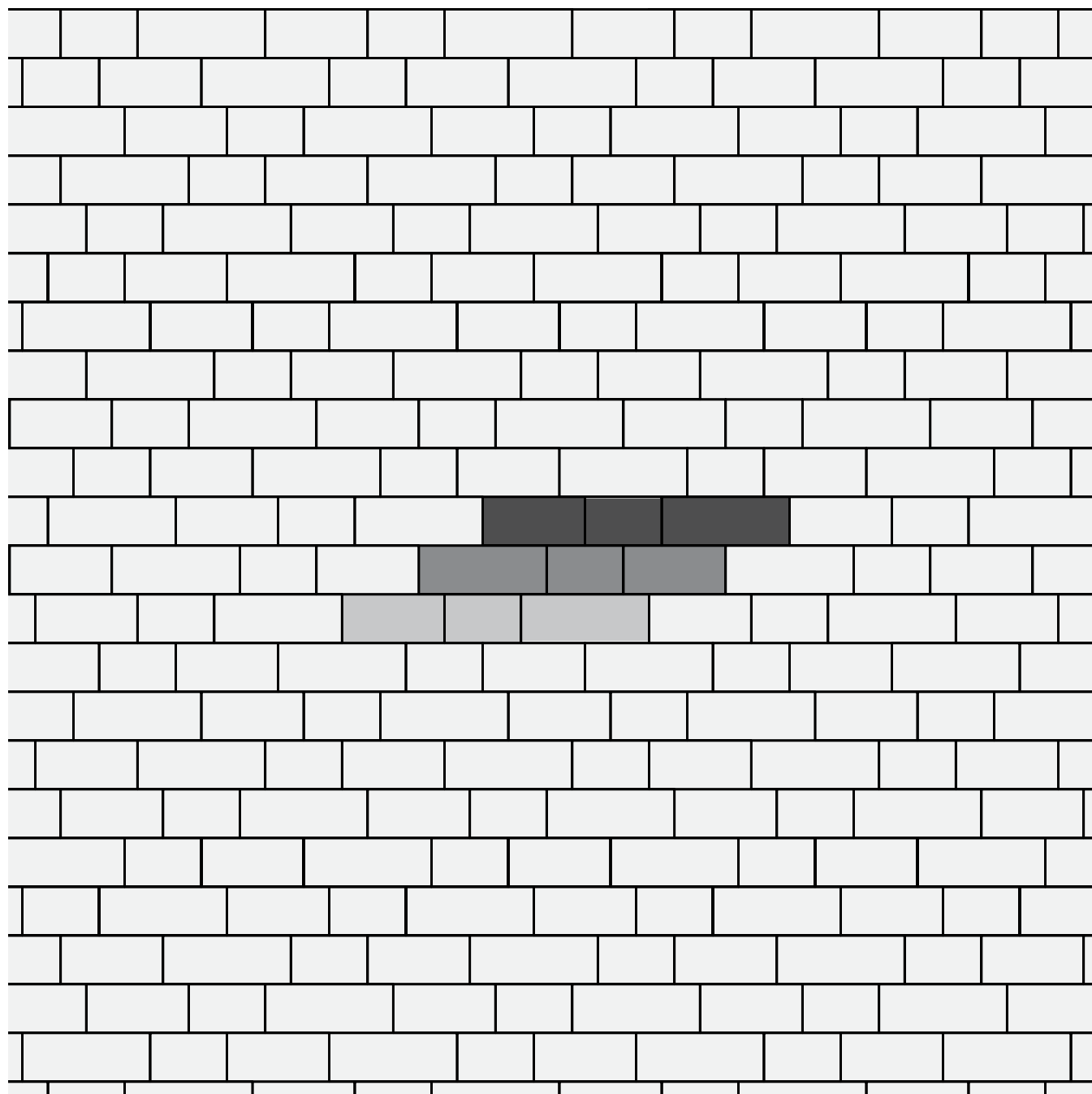
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Percentages are based on area by paver.

25% 7½ x 11<sup>13</sup>/<sub>16</sub>

33% 7½ x 15<sup>3</sup>/<sub>4</sub>

42% 7½ x 19<sup>1</sup>/<sub>16</sub>



### NOTES:

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Percentages are based on area by paver.

15% 5 x 11<sup>13</sup>/<sub>16</sub>

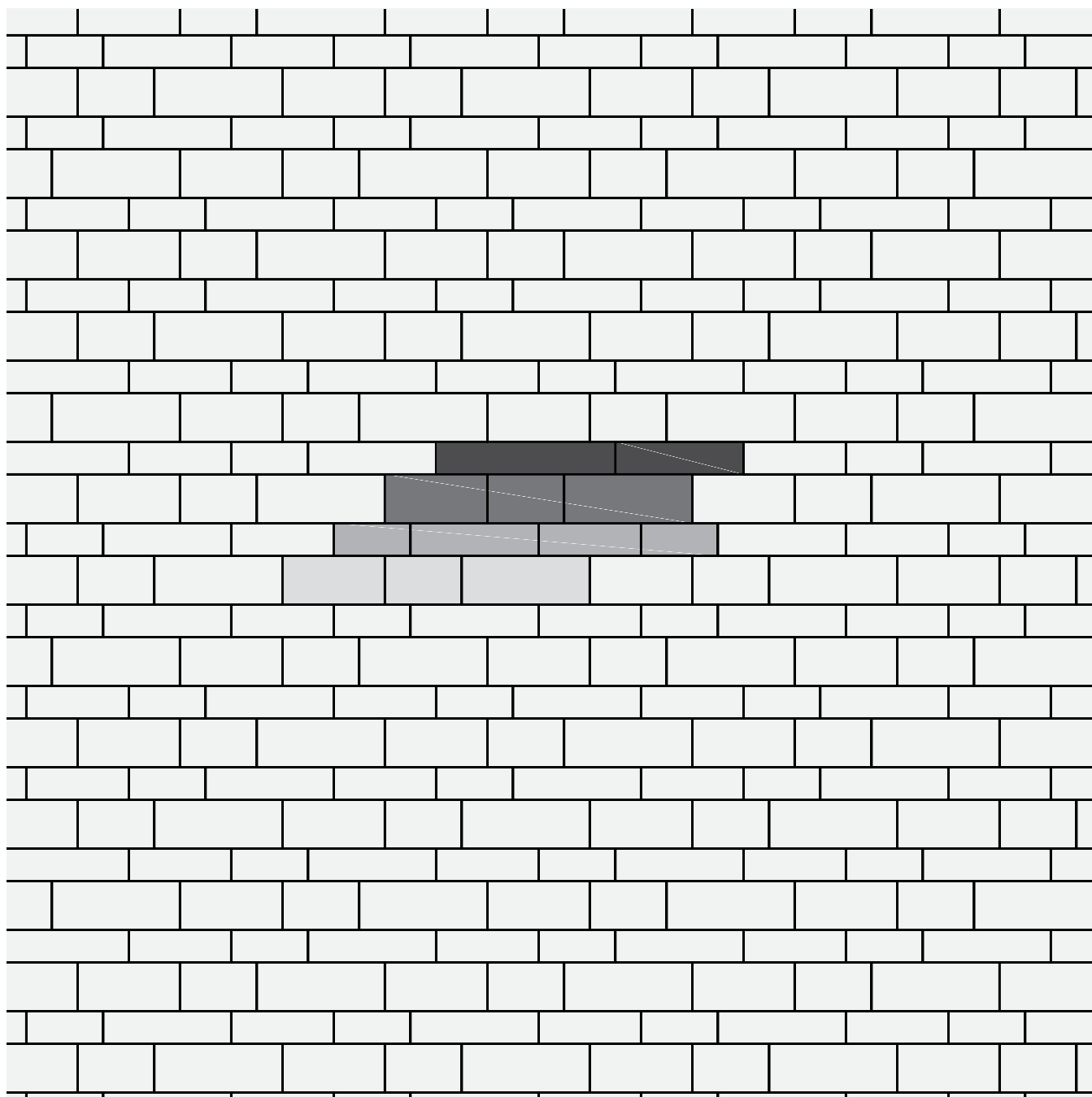
20% 5 x 15<sup>3</sup>/<sub>4</sub>

25% 5 x 19<sup>1</sup>/<sub>16</sub>

10% 7<sup>1</sup>/<sub>2</sub> x 11<sup>13</sup>/<sub>16</sub>

13% 7<sup>1</sup>/<sub>2</sub> x 15<sup>3</sup>/<sub>4</sub>

17% 7<sup>1</sup>/<sub>2</sub> x 19<sup>1</sup>/<sub>16</sub>



## NOTES:

AutoCAD® hatch pattern files can be downloaded from [belgard.com](http://belgard.com) for use in architectural drawings.

Some patterns may not necessarily reflect the percentages of stone sizes within a particular pallet. In some cases you may have extras in one or more of the sizes. This must be accounted for in your planning and design.

Percentages are based on area by paver.

10% 5 x 11<sup>13</sup>/<sub>16</sub>

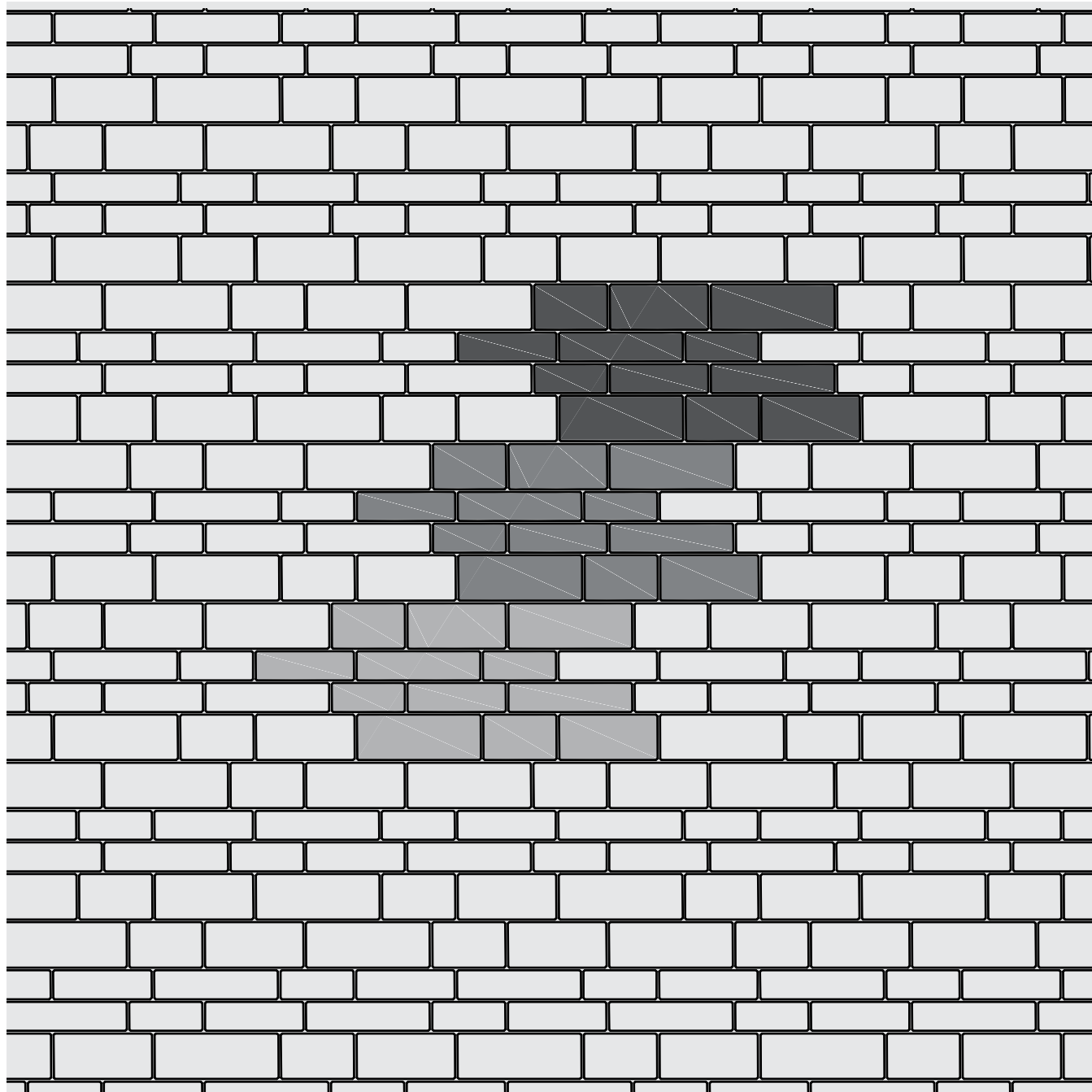
13% 5 x 15<sup>3</sup>/<sub>4</sub>

17% 5 x 19<sup>1</sup>/<sub>16</sub>

15% 7<sup>1</sup>/<sub>2</sub> x 11<sup>13</sup>/<sub>16</sub>

20% 7<sup>1</sup>/<sub>2</sub> x 15<sup>3</sup>/<sub>4</sub>







25% 7<sup>1</sup>/<sub>2</sub> x 19<sup>1</sup>/<sub>16</sub>





Scan for additional  
product information

For Pattern reference can be found starting  
at page 8.

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA	TEXTUREGUARD PROCESS
					
✓	✓		✓		✓

SHAPES & SIZES

60mm



3<sup>15</sup>/<sub>16</sub> X 7<sup>7</sup>/<sub>8</sub> X 2<sup>3</sup>/<sub>8</sub>

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
60mm							
3 <sup>15</sup> / <sub>16</sub> X 7 <sup>7</sup> / <sub>8</sub> X 2 <sup>3</sup> / <sub>8</sub>	116.25	11.625	10	540	–	–	3216

ITEM CODES	
OLD YORK	
BOURBON	10157390
MIDNIGHT	10158602



Scan for additional  
product information

Pattern can also be used for Dimensions 3-Piece,  
found on page 13.

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA	TEXTUREGUARD PROCESS
✓	✓*			✓	✓

\*Only applicable for Origins6 and accents.

## SHAPES & SIZES

### Origins 6



3 x 6 x 2<sup>3</sup>/<sub>8</sub>



6 x 6 x 2<sup>3</sup>/<sub>8</sub>

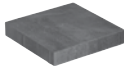


6 x 9 x 2<sup>3</sup>/<sub>8</sub>

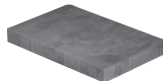
### Origins 12



6 x 12 x 2<sup>3</sup>/<sub>8</sub>

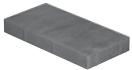


12 x 12 x 2<sup>3</sup>/<sub>8</sub>

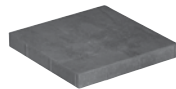


18 x 12 x 2<sup>3</sup>/<sub>8</sub>

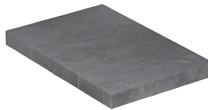
### Origins 18



9 x 18 x 2<sup>3</sup>/<sub>8</sub>



18 x 18 x 2<sup>3</sup>/<sub>8</sub>



27 x 18 x 2<sup>3</sup>/<sub>8</sub>

### Accents

Accents are sold separately.



3 x 3 x 2<sup>3</sup>/<sub>8</sub>



6 x 6 x 2<sup>3</sup>/<sub>8</sub>



6 x 9 x 2<sup>3</sup>/<sub>8</sub>

#### ITEM CODES

##### ORIGINS 6

COTSWOLD MIST	10150901
DANVILLE BEIGE	10150902

##### ORIGINS 12

ASHBURY HAZE	10150903
COTSWOLD MIST	10150808
DANVILLE BEIGE	10150809
NEWPORT GRAY	10150694

##### ORIGINS 18

COTSWOLD MIST	10151332
DANVILLE BEIGE	10151299
NEWPORT GRAY	10151721

#### ITEM CODES

##### ORIGINS ACCENTS 3 X 3

MIDNIGHT	10151408
MOONLIGHT	10151374

##### ORIGINS ACCENTS 6 X 6

BOURBON	10150997
MIDNIGHT	10150998
MOONLIGHT	10150999

##### ORIGINS ACCENTS 6 X 9

BOURBON	10151002
MIDNIGHT	10151003
MOONLIGHT	10151004

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	-----------------	----------------	-------------------

## ORIGINS 6

3 X 6 X 2 <sup>3</sup> / <sub>8</sub> 6 X 6 X 2 <sup>3</sup> / <sub>8</sub> 6 X 9 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	480	–	–	3325
-------------------------------------------------------------------------------------------------------------------------	-----	----	----	-----	---	---	------

## ORIGINS 12

6 X 12 X 2 <sup>3</sup> / <sub>8</sub> 12 X 12 X 2 <sup>3</sup> / <sub>8</sub> 18 X 12 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	120	–	–	3516
------------------------------------------------------------------------------------------------------------------------------	-----	----	----	-----	---	---	------

## ORIGINS 18

9 X 18 X 2 <sup>3</sup> / <sub>8</sub> 18 X 18 X 2 <sup>3</sup> / <sub>8</sub> 27 X 18 X 2 <sup>3</sup> / <sub>8</sub>	112.5	11.25	10	50	–	–	3075
------------------------------------------------------------------------------------------------------------------------------	-------	-------	----	----	---	---	------

## ACCENTS

3 X 3 X 2 <sup>3</sup> / <sub>8</sub>	96.3	9.6	10	1650	–	–	2722
6 X 6 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	480	–	–	3312
6 X 9 X 2 <sup>3</sup> / <sub>8</sub>	120	12	10	320	–	–	3328

# PERMEABLE PAVERS

## PERMEABLE PAVER INSTALLATION GUIDE

30 Basic PICP Systems

## PERMEABLE PAVERS

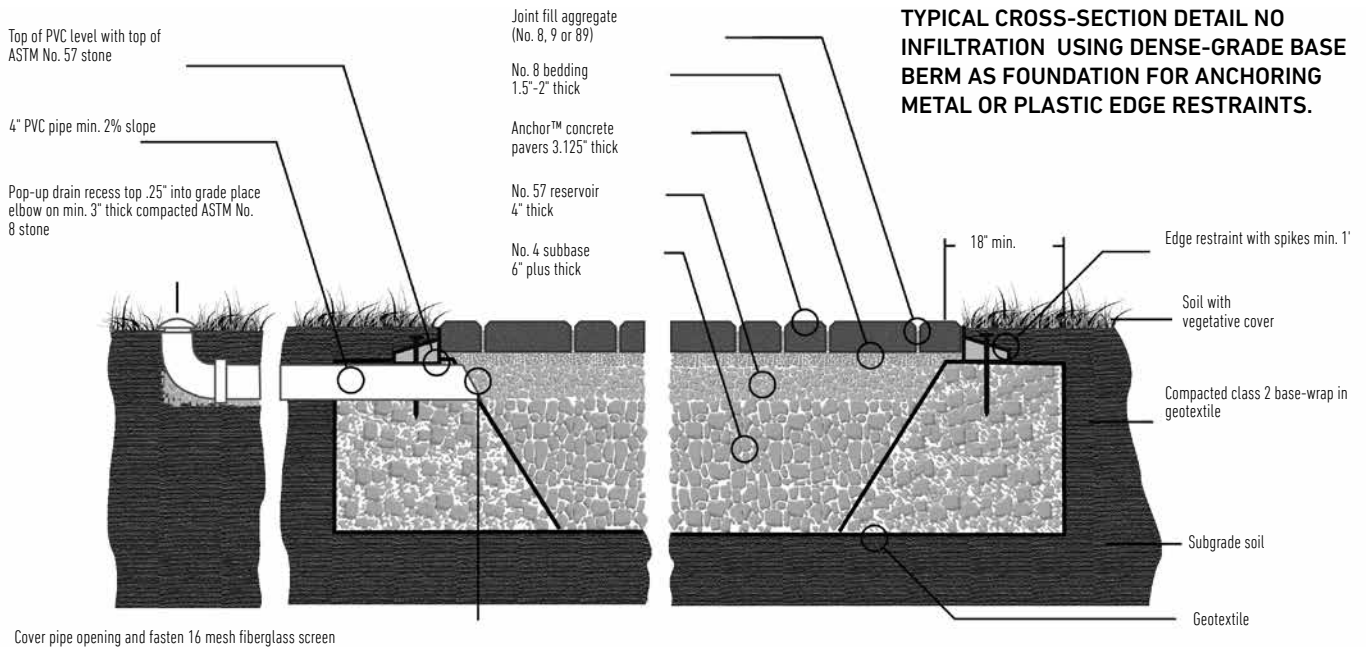
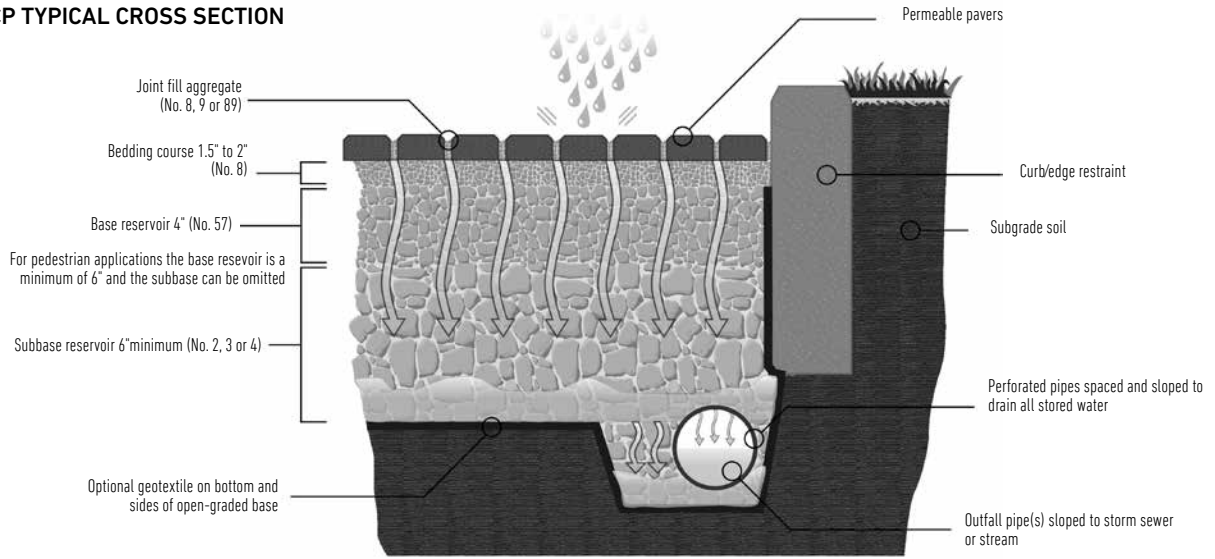
31 Aqualine™

35 Turfstone™

For basic paver installation information  
visit [icpi.org](http://icpi.org)

# PERMEABLE INTERLOCKING CONCRETE PAVEMENT (PICP)

**PICP TYPICAL CROSS SECTION**





Scan for additional  
product information

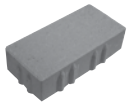
PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
✓	✓	✓	✓	✓

## SHAPES & SIZES

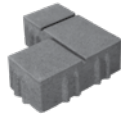
80mm

L-Shape

Holland Stone  
Border 80mm



4½ x 9 x 3⅛



9 x 9 x 3⅛



4 x 8 x 3⅛

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	-----------------	----------------	-------------------

### 80MM

4½ X 9 X 3⅛	90	11.25	8	320	40	–	3375
-------------	----	-------	---	-----	----	---	------

### L-SHAPE 80MM

9 X 9 X 3⅛	90	11.25	8	208	40	–	3375
------------	----	-------	---	-----	----	---	------

### HOLLAND STONE BORDER 80MM

4 X 8 X 3⅛	90	11.25	8	320	40	–	3375
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#### ITEM CODES

##### AQUALINE - 4½ X 9

ASHBURY HAZE	10993141
COTSWOLD MIST	10993145
GASCONY TAN*	10993147
PEWTER*	10992735
FOUNDRY*	10993137

#### ITEM CODES

##### AQUALINE - 9 X 9 L SHAPE

ASHBURY HAZE	10993051
COTSWOLD MIST	10993055
GASCONY TAN*	10993057
FOUNDRY*	10993047

\*Special Order

#### ITEM CODES

##### AQUALINE HOLLAND STONE BORDER

CHARCOAL	10150813
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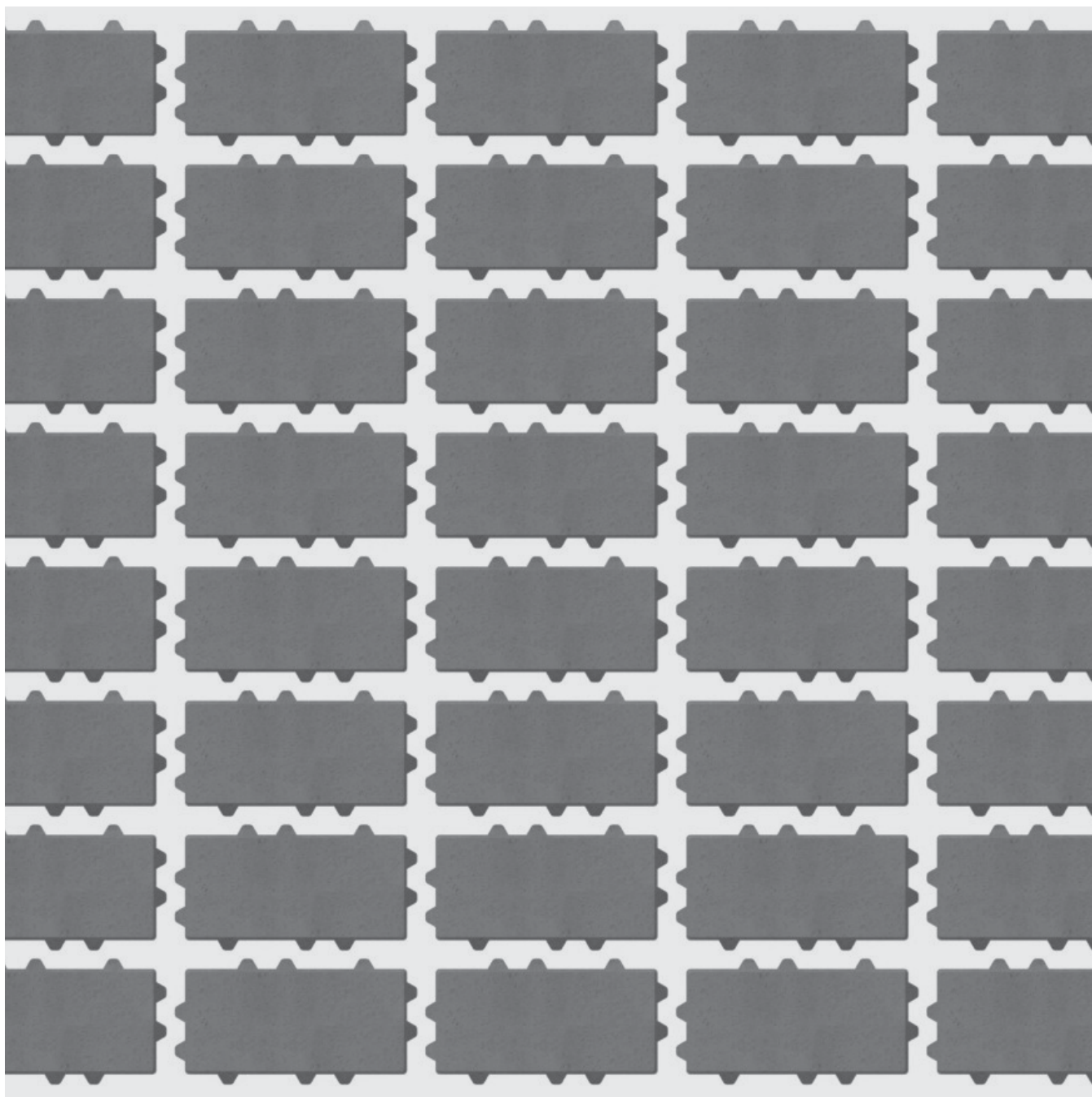
**NOTES:**

AutoCAD® hatch pattern files can be downloaded from [belgard.com](http://belgard.com) for use in architectural drawings.

Some patterns may not necessarily reflect the percentages of stone sizes within a particular pallet. In some cases you may have extras in one or more of the sizes. This must be accounted for in your planning and design.

Percentages are based on area by paver.

100% 4½ x 9



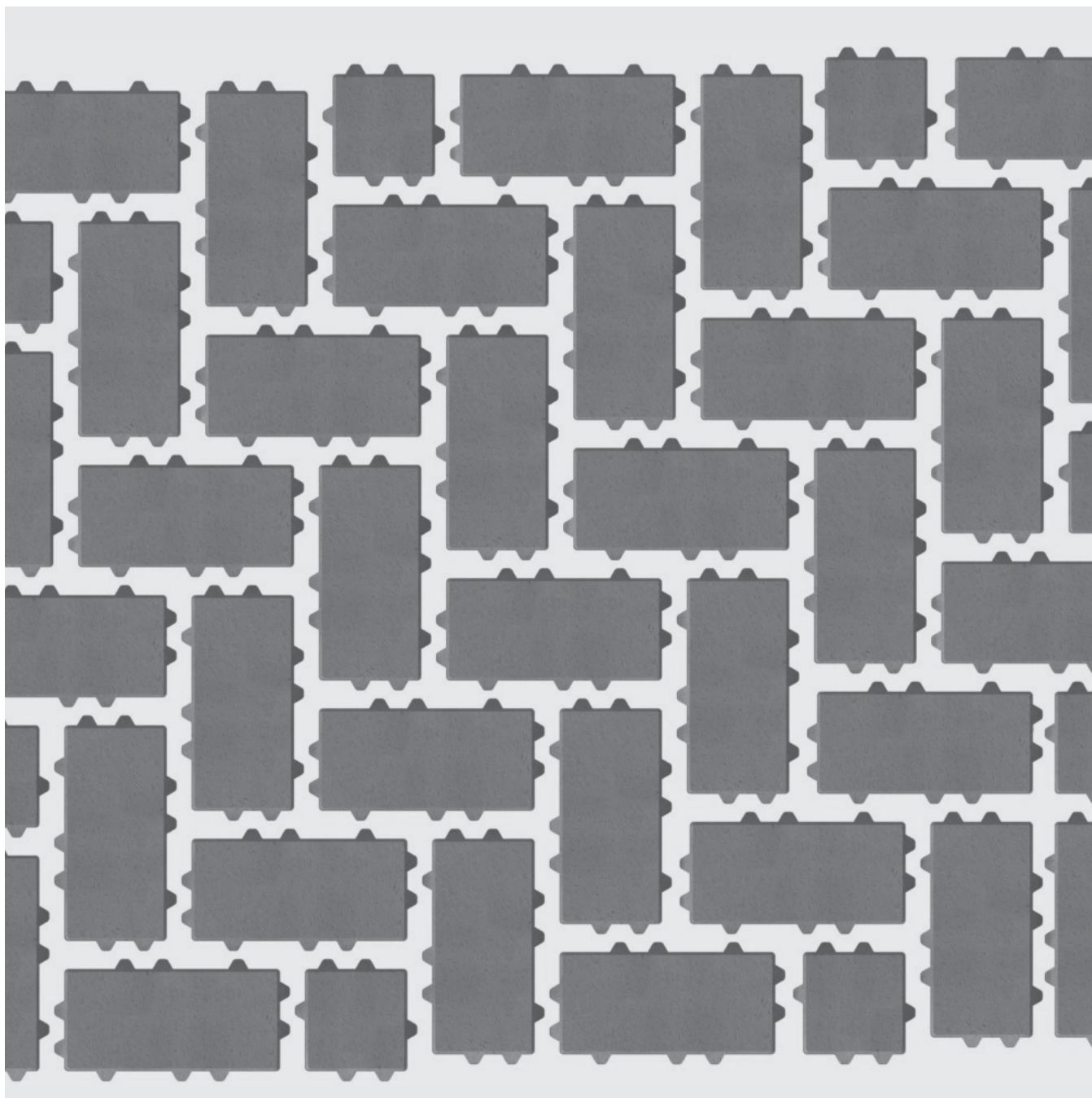
#### NOTES:

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Percentages are based on area by paver.

100% 4½ x 9



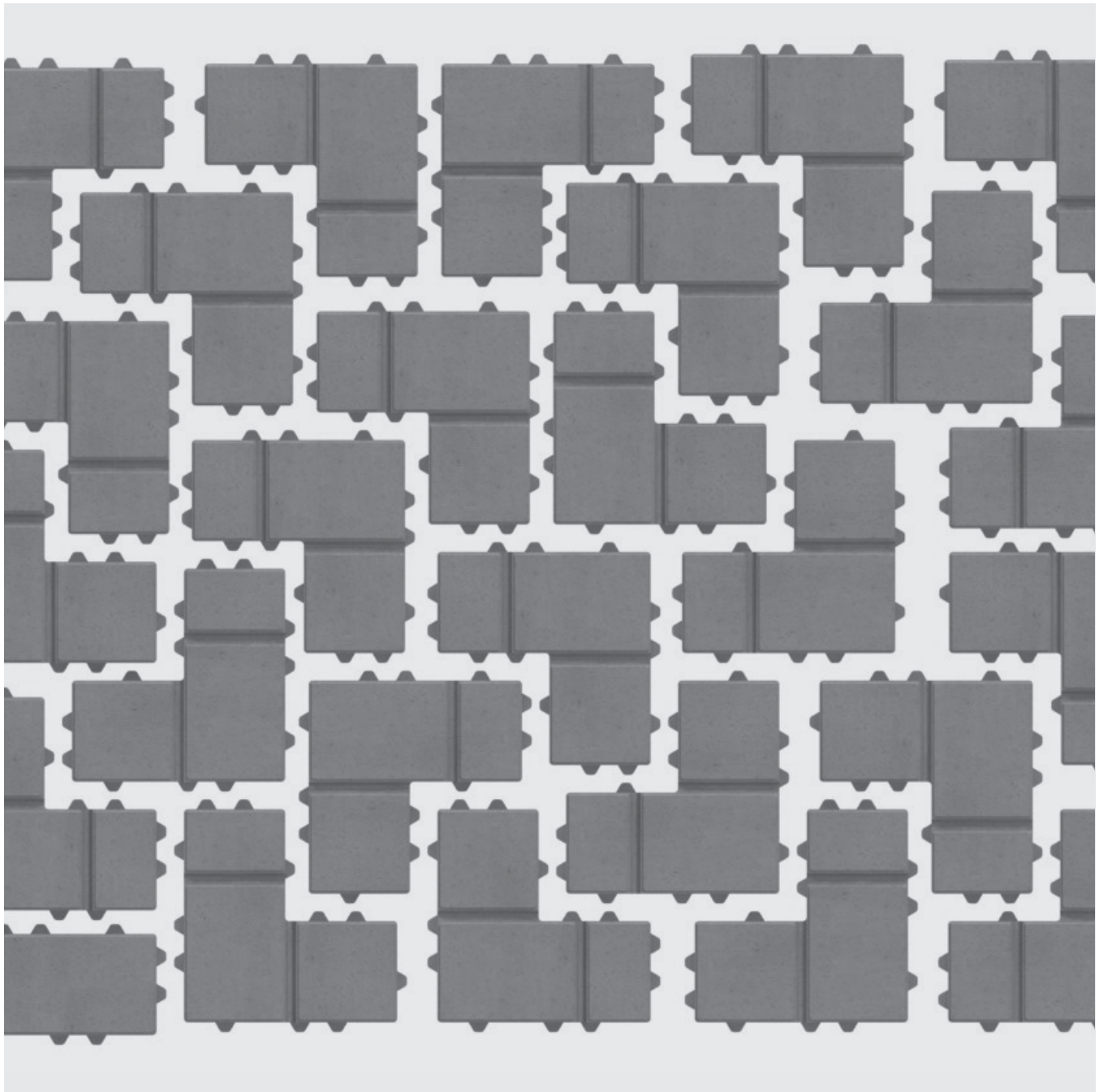
### NOTES:

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Percentages are based on area by paver.

100% 9 x 9





Scan for additional  
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓	✓	✓	✓	

## SHAPES & SIZES

### 80mm



15<sup>3</sup>/<sub>4</sub> x 23<sup>5</sup>/<sub>8</sub> x 3<sup>1</sup>/<sub>8</sub>

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	-----------------	----------------	-------------------

### 80mm

15 <sup>3</sup> / <sub>4</sub> X 23 <sup>5</sup> / <sub>8</sub> X 3 <sup>1</sup> / <sub>8</sub>	106.67	13.33	8	40	–	–	2390
-------------------------------------------------------------------------------------------------	--------	-------	---	----	---	---	------

### ITEM CODES

#### TURFSTONE

GRAY

10300135

### NOTES:

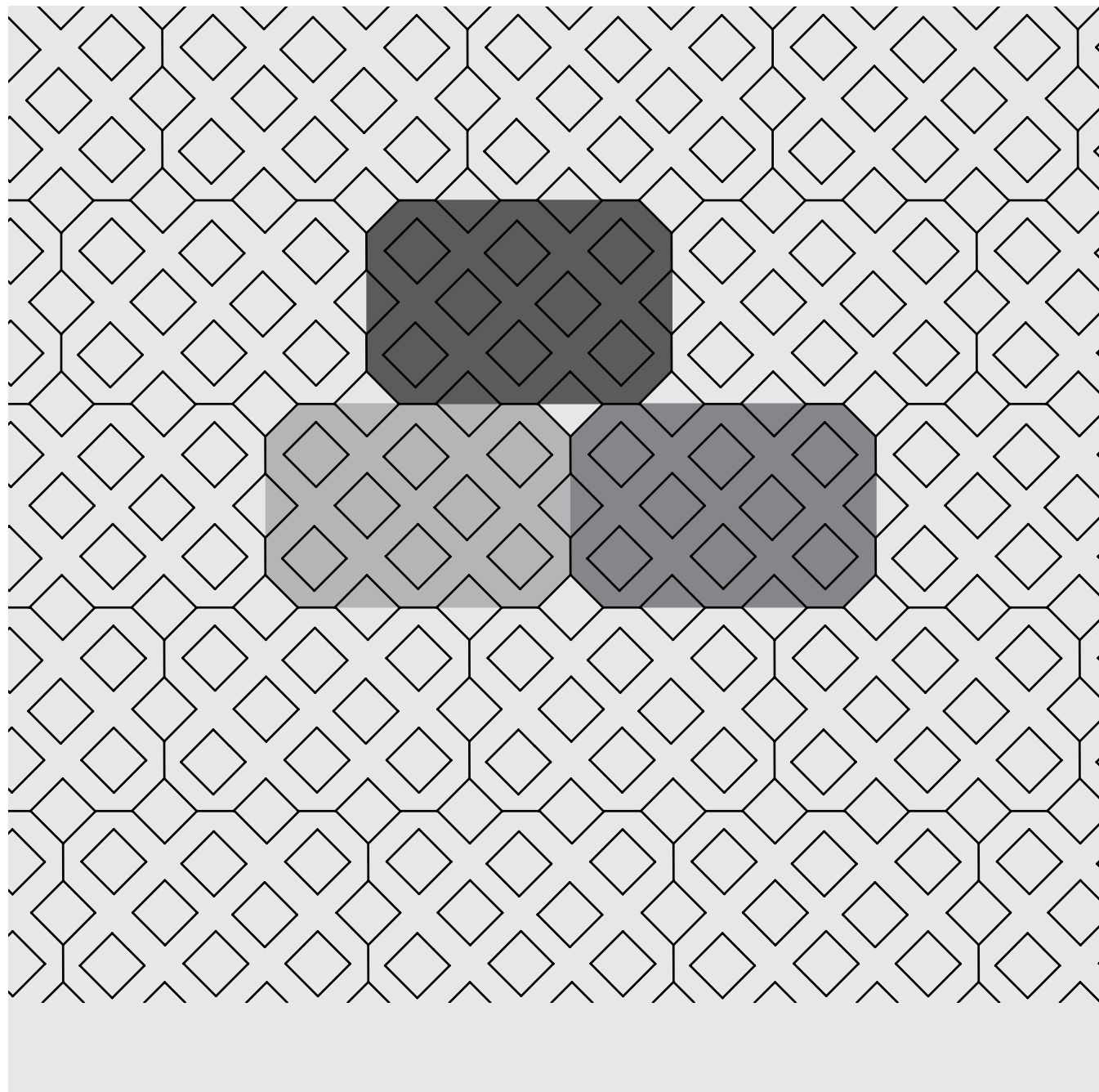
AutoCAD® hatch pattern files can be downloaded from [belgard.com](http://belgard.com) for use in architectural drawings.

Some patterns may not necessarily reflect the percentages of stone sizes within a particular pallet. In some cases you may have extras in one or more of the sizes. This must be accounted for in your planning and design.

Percentages are based on area by paver.

100% 15<sup>3</sup>/<sub>4</sub> x 23<sup>5</sup>/<sub>8</sub> units

Must install with joints facing up



# PORCELAIN PAVERS & PLANKS

## PORCELAIN INSTALLATION GUIDE

- 38 Porcelain Paver Advantages
- 38 Specialty Tools for Porcelain Pavers Construction
- 39 Cleaning & Maintenance For Porcelain Products
- 39 Porcelain Paver Installation
- 40 Sand Set over Compacted Road Base Installation (Pedestrian Foot Traffic)
- 40 Sand Set over Concrete Overlay Installation (Pedestrian Foot Traffic)
- 41 Gravel Set over Open Graded Aggregate Installation
- 42 Cementitious Adhesive Overlay, Concrete Base Installation (Light Vehicular Traffic)

## PORCELAIN PAVERS & PLANKS

- |    |        |    |              |
|----|--------|----|--------------|
| 43 | Glocal | 46 | Quarziti 2.0 |
| 44 | Lagoon | 47 | Unico Coping |
| 45 | Noon   |    |              |

For basic paver installation information  
visit [icpi.org](http://icpi.org)

# PORCELAIN PAVERS

Belgard Porcelain Pavers are formed by pressing, followed by vitrification: this process involves the total fusion into a single material made from natural raw materials (sand, quartz, feldspars, kaolin, clays and inorganic pigments) which, fired at temperatures above 1226.67° C (2240° F), are transformed into a product with exceptional hardness, ultra-low absorption rate and unmatched mechanical characteristics. Belgard porcelain pavers are eco-compatible and ecolabel-certified. Each unit is 20mm (0.7874") standard thickness or ¾" nominal thickness and is durable enough to withstand use in exterior applications.

## PORCELAIN PAVERS ADVANTAGES:

- **Freeze thaw resistant**—They are 100% frost-free and their properties remain unaltered at temperatures ranging from -51.1° to + 60° C (-60° F to +140°F).
- **Color durability**—Color is fused by vitrification, becomes an integral part of the porcelain surface and is not affected by elements.
- **Easy installation**—Perfect fit and for fast installs.
- **Low absorption rate**—Spills, salt and other materials will not seep into pours.
- **Easy to clean**—Household cleaners can be used to wipe down spills and dirt; can even be pressure washed with a low pressure washing device\* (see pressure washing warning below).\*
- **Stylish**—Matches what homeowners are currently doing inside the home.
- **Durable**—High breakage loads of up to 3,587 lbs (1,627 kg) per foot based on ASTM-C648.
- **Resistant**—High compressive strength and ultra-low absorption rate creates a dense surface that resists mold, moss, dirt and other staining.
- **Skid-resistant**—Structured paver top textures create slip resistant surfaces for safety; perfect for around pools/spas or in wet climates.
- **Modular Design**—Superior accuracy in dimensional sizing and linear sides, the slabs allow for perfectly executed installations with tight and accurate lines.
- **Light weight**—16.8 kg (37 lbs) for the 24"x24" paver permit for easy installation, removal and serviceability and even reusability (Excluding adhered installations).
- Available in colors that have an SRI that qualifies for a LEED certification. The SRI on some units ranges between 60-80. To receive LEED credit, the SRI must be at least 29.
- **Impermeable**—Deicing salt and other deicing materials can be used without concern of damage.

\* It is important that all pressure washing of your porcelain pavers be done with a low pressure washer with a maximum of 1600 psi and nothing more powerful. When pressure washing your installation, care should be taken to prevent damage to the grout (adhesive and grout installations) and some re-sanding will be necessary when power washing an installation with sand or polymeric sand joints.

## SPECIALTY TOOLS FOR PORCELAIN PAVER CONSTRUCTION:

- Wet cut tile saw equipped with a diamond blade manufactured for wet cutting porcelain. The saw should be designed to safely cut a 24 inch length porcelain paver.
- A paver clamp for easy handling, which can be used to both install and remove pavers.
- The use of gloves is highly recommended while handling and installing porcelain slabs.
- Appropriate notched trowels and grout float tools for cementitious adhesive and grout installation. The appropriate tool selection would be based on the adhesive and grout manufacturer's recommendation
- Pallets of porcelain pavers are manufactured and shipped with a Heavy Duty plastic protective pallet cover and the individual porcelain pavers are packaged in protective cardboard boxes. To prevent damage to your pavers, do not remove the protective cardboard boxes until you are ready to install them.
- Caution: Removing pavers from their protective packaging and handling multiple loose stones together creates the possibility for chipping.

Once the Heavy Duty plastic pallet covers have been removed from the pallet, the unused boxed pavers should be protected from the elements to insure the integrity of the protective cardboard boxes.

## CLEANING & MAINTENANCE FOR PORCELAIN PRODUCTS

Post-laying cleaning is obligatory after on site works. Inadequate or late removal of the grouting used on the joints can leave marks difficult to remove and create, on the flooring, a cement film able to absorb all types of dirt, thus giving the impression that it is the material that has become dirty.

It is indispensable to dissolve and remove these residues completely using buffered acids diluted in water (follow the instructions on the packs of the products used), which must then be removed completely and quickly, rinsing the floor with plenty of water to avoid residues or drops on the floor which could damage the tiles.

Allow the product to act on the wet floor, without letting it dry and rubbing it with colorless rags. Next, rinse it thoroughly with water to ensure that the floor is free of detergent residues. If necessary, repeat the operation.

We suggest performing a preliminary wash on a sample surface of a few square meters; if the test is successful, extend clearing over the entire surface. When you have done the above wash, carry out a basic or alkaline wash using degreasing detergents. This is because acid can leave grease on the floor, which could contribute to retaining dirt.

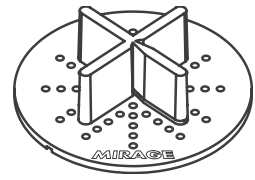
## PORCELAIN PAVER INSTALLATION

Each of the following option details will include specific information relative to the selected installation. Base thicknesses vary between different geographical and climatic locations and the contractor will be installing typical base thicknesses for paving installations in their location.

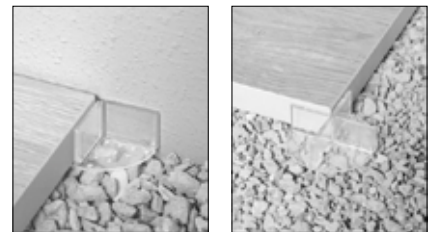
Installing porcelain pavers requires the bedding course sand to be pre-compacted and then struck off with a screed to the required thickness as shown in the detail drawings. The porcelain pavers are not compacted and therefore the sand layer beneath them requires pre-compaction. Do not compact dry sand, but insure the sand has a 5 to 6% moisture content so that it will compact cohesively and allow for a smooth strike off finish.

### INSTALLATION INFORMATION THAT MUST BE FOLLOWED :

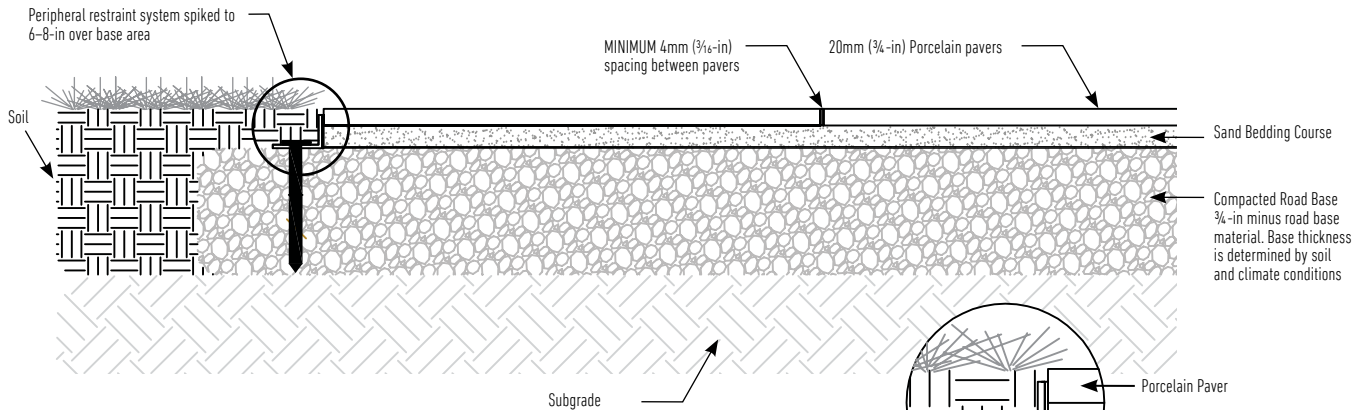
- Weather, soil type and job conditions should be considered when choosing the best installation method.
- When installing porcelain planks (12 x 48, 8 x 48) always lay the pattern of the 1/3s. These should not be placed next to each other at 50%
- NEVER compact porcelain pavers with a plate compactor. Roller compactor recommended for all compaction with porcelain products
- ALWAYS pre-compact and strike off your sand leveling course before installing your porcelain pavers in sand set installations.
- A proper surface drainage system is required to mitigate standing water. Please consider that Belgard Porcelain Paves are impervious, therefore water must be properly discharged and drained away from the pavement.
- Porcelain pavers should only be wet cut with a tile saw equipped with a wet cut porcelain blade.
- NEVER install porcelain pavers without the required 4mm spacing between them. The porcelain pavers should never be installed with a porcelain to porcelain contact. Plastic 4mm spacers (shown at right) should be used on Sand Set and Permeable installations. The photo on the left illustrates the spacer installed in a perspective to support and space 4 paver corners and the photo on the right illustrates the installed spacer snapped apart (as designed) to form Space T that supports 2 paver corners. This versatility will permit your porcelain pavers to be installed in a stack bond pattern, a running bond patterns as well as a flush installation against another structure.
- For a 100 sf. project, approximately 34 spacers are needed; this allows for overages if needed.



4mm spacers



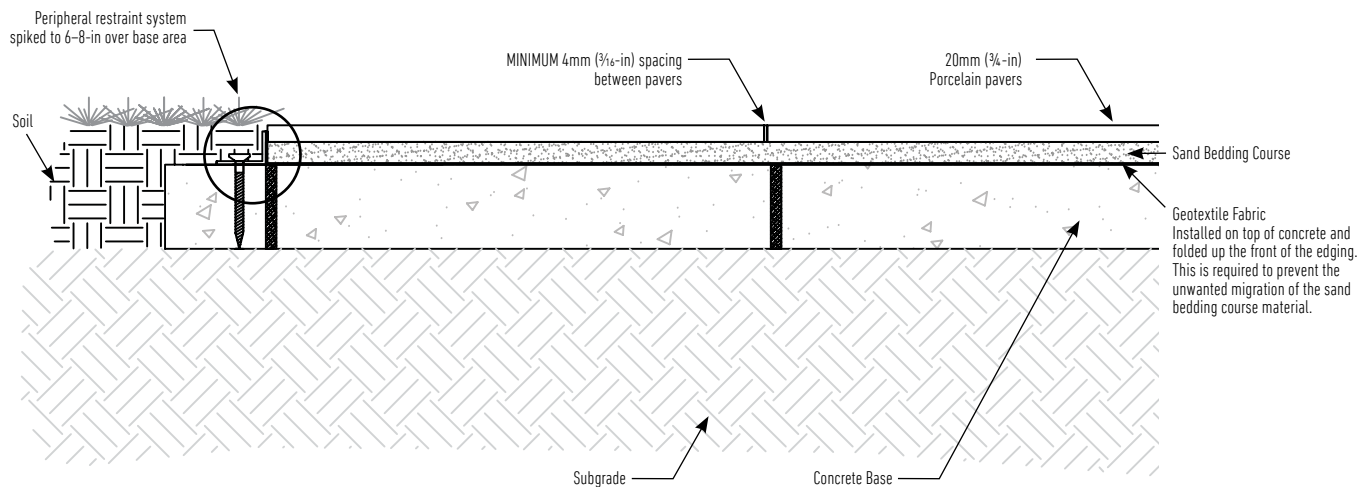
## SAND SET OVER COMPACTED ROAD BASE INSTALLATION (PEDESTRIAN FOOT TRAFFIC)



### INSTALLATION NOTES:

- Weather, soil type and job conditions should be considered when choosing the best installation method.
- Follow the detailed drawing above
- Base material is to be over based 6 to 8 inches beyond the edge of the pavement.
- Precompact the sand bedding course and screed to 1-in thickness with smooth surface
- The required edge restraint system is a low profile edge restraint with a vertical height of 1 1/2-in as shown in the drawing.
- Insure that pavement is constructed with a 1 1/2 to 2% slope that it is pitched away from any building.
- Insure the plastic 4mm spacers are installed at all corners of the installed pavers

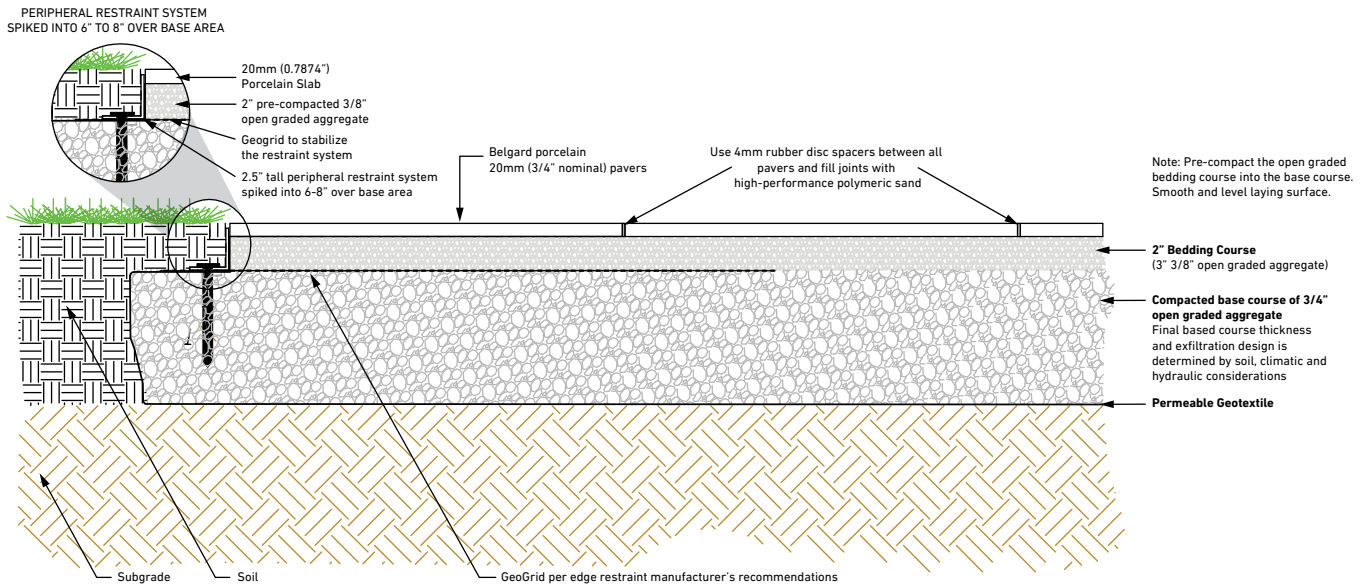
## SAND SET OVER CONCRETE OVERLAY INSTALLATION (PEDESTRIAN FOOT TRAFFIC)



### INSTALLATION NOTES:

- Weather, soil type and job conditions should be considered when choosing the best installation method.
- A concrete curb with a full depth and finished height is needed to ensure full containment of the bedding sand and the Belgard Porcelain Pavers.
- Precompact the sand bedding course and screed to 1-in thickness with smooth surface
- Mechanically anchor edge restraint into the concrete base.
- Insure geotextile is installed directly on top of the concrete to contain the bedding sand.
- Insure that pavement is constructed with a 1 1/2 to 2 percent slope and that it is pitched away from any building.
- Insure the plastic 4mm spacers are installed at all corners of the installed pavers.

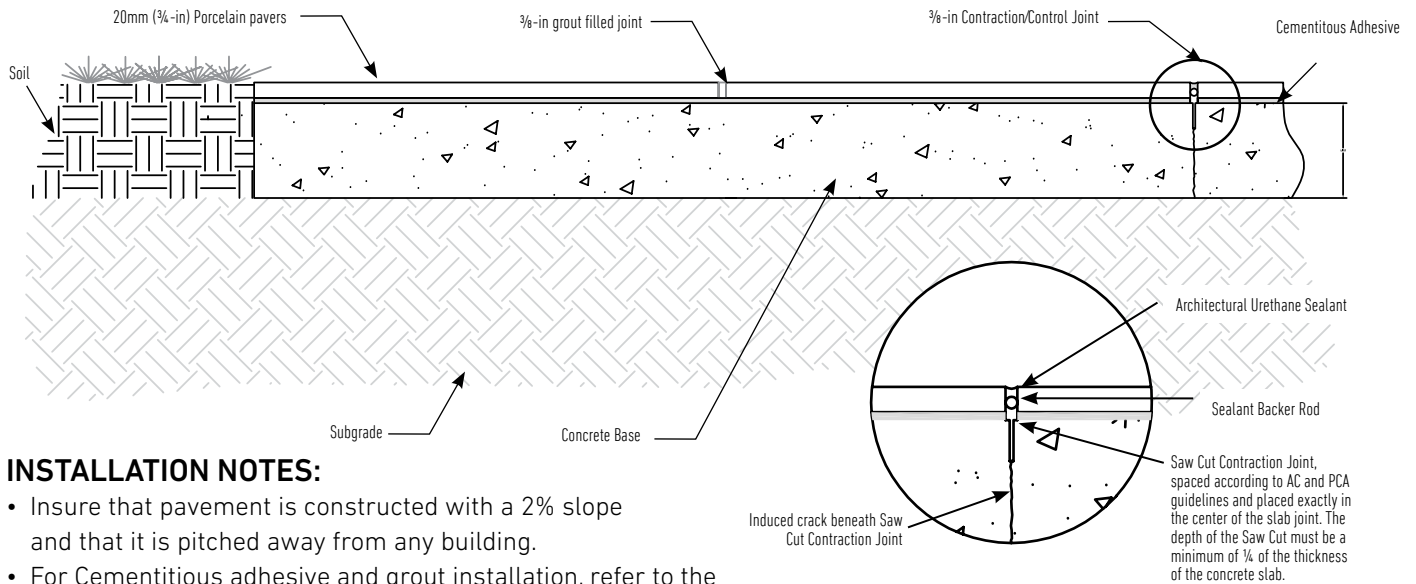
## GRAVEL SET OVER OPEN GRADED AGGREGATE INSTALLATION



### INSTALLATION NOTES:

- Weather, soil type and job conditions should be considered when choosing the best installation method. Follow the detail drawing.
- The required edge restraint system for this installation has a vertical height of 2½ inches as shown in the drawing. Follow the edge restraint manufacturer's recommendations for the use of their product in permeable applications regarding geogrid usage and placement to maintain the performance of there edging.
- Ensure that pavement is constructed with a 2% slope and that it is pitched away from any building.
- Ensure the 4mm spacers are installed between all pavers.
- The open-graded aggregate should be clean and free from foreign matter, manufactured from crushed rock and conform to ASTM C33 size No. 57. Do not use recycled aggregates or rounded river gravel.
- Additional Drainage: If the project has fine-grained soils, silts or clays, and contributing water sources such as downspouts or groundwater, it is important to install a perforated pipe underdrain to prevent saturation of the subgrade. Make sure underdrain has an acceptable discharge location.
- When installing porcelain planks (12 x 48 & 8 x 48), always lay the pattern of 1/3's. These should not be placed next to each other at 50%.
- compaction
- Roller Compactor recommended for all compaction with Porcelain products

## CEMENTITIOUS ADHESIVE OVERLAY, CONCRETE BASE INSTALLATION (LIGHT VEHICULAR TRAFFIC)

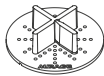


### INSTALLATION NOTES:

- Insure that pavement is constructed with a 2% slope and that it is pitched away from any building.
- For Cementitious adhesive and grout installation, refer to the manufacturer's technical instructions and specifically as they relate to outdoor installations.
- For concrete foundation slabs that are not large enough to require contraction / control joints, a minimum 4mm (1/8" to 3/16") grout joint is acceptable, but for larger concrete foundation slabs that do require contraction / control joints, the joint width should be a 3/8". It is absolutely imperative that all contraction / control joints be located in the joint line of installed porcelain pavers and not beneath a paver.
- Caution: If a Porcelain Paver is installed over a control joint, the paver will reflectively crack along the contraction / control joint beneath it.



Scan for additional  
product information



Spacers are recommended for all porcelain paver installations.  
PLEASE NOTE: For vehicular applications, must be a mortar install over a concrete slab.  
Please refer to the MIRAGE install guide for driveway install procedure.

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
✓				✓

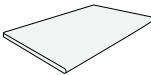
## SHAPES & SIZES

### 24 x 24



23.54 x 23.54 x 3/4

### Unico



12.99 x 23.54 x 3/4

UNIT	GROSS WEIGHT/ BOX	PIECES/ BOX	SQ FT/ BOX	BOXES/ PALLET	SQ FT/ PALLET	GROSS WEIGHT/ PALLET
------	-------------------	-------------	------------	---------------	---------------	----------------------

### 24 X 24

23.54 X 23.54 X 3/4	72	2	7.75	30	232.5	2160
---------------------	----	---	------	----	-------	------

### ITEM CODES

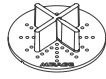
#### 24 X 24

CLASSIC	43750594
CLEAR	43755124
IDEAL	43750595

**MIRAGE**  
Porcelain.Design.Sustainability








Scan for additional  
product information



Spacers are recommended for all porcelain paver installations.

PLEASE NOTE: For vehicular applications, must be a mortar install over a concrete slab.  
Please refer to the MIRAGE install guide for driveway install procedure.

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓				✓

## SHAPES &amp; SIZES

## 24 x 48



23.54 x 47.17 x 3/4

UNIT	GROSS WEIGHT/ BOX	PIECES/ BOX	SQFT/ BOX	BOXES/ PALLET	SQFT/ PALLET	GROSS WEIGHT/ PALLET
24 X 48						
23.54 X 47.17 X 3/4	74	1	7.75	35	271.25	2621

## ITEM CODES

## 24 X 28

MOONBEAM	43755129
SHARKSKIN	43755126

**MIRAGE**<sup>®</sup>  
Porcelain.Design.Sustainability



Scan for additional  
product information



Spacers are recommended for all porcelain paver installations.  
PLEASE NOTE: For vehicular applications, must be a mortar install over a concrete slab.  
Please refer to the MIRAGE install guide for driveway install procedure.

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
✓				✓

## SHAPES & SIZES

### 8 x 48



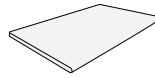
7.64 x 47.17 x 3/4

### 12 x 48



11.73 x 47.17 x 3/4

### Unico



12.99 x 23.54 x 3/4

UNIT	GROSS WEIGHT/ BOX	PIECES/ BOX	SQFT/ BOX	BOXES/ PALLET	SQFT/ PALLET	GROSS WEIGHT/ PALLET
------	-------------------	-------------	-----------	---------------	--------------	----------------------

### 8 X 48

7.64 X 47.17 X 3/4	46	2	5.06	30	151.8	1380
--------------------	----	---	------	----	-------	------

### 12 X 48

11.73 X 47.17 X 3/4	74	2	7.75	36	279	2664
---------------------	----	---	------	----	-----	------

### ITEM CODES

#### 8 X 48

DAYLIGHT	43755254
EMBER	43755253
HONEY	43755255

#### 12 X 48

DAYLIGHT	43755243
EMBER	43755244
HONEY	43755242

**MIRAGE**  
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Scan for additional  
product information



Spacers are recommended for all porcelain paver installations.  
PLEASE NOTE: For vehicular applications, must be a mortar install over a concrete slab.  
Please refer to the MIRAGE install guide for driveway install procedure.

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
✓				✓

## SHAPES & SIZES

### 24 x 24



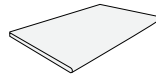
23.54 x 23.54 x 3/4

### 24 x 48



23.54 x 47.17 x 3/4

### Unico



12.99 x 23.54 x 3/4

UNIT	GROSS WEIGHT/ BOX	PIECES/ BOX	SQFT/ BOX	BOXES/ PALLET	SQFT/ PALLET	GROSS WEIGHT/ PALLET
24 X 24						
23.54 X 23.54 X 3/4	72	2	7.75	30	232.5	2160
23.54 X 47.17 X 3/4	74	1	7.75	35	271.25	2621

## ITEM CODES

### 24 X 24

GLACIER	43750931
MANTLE	43750460
MOUNTAINS	43750463
RIVER	43750461
WATERFALL	43750462

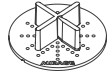
### 24 X 48

GLACIER	43750638
MANTLE	43750337
MOUNTAINS	43750339
RIVER	43750508
WATERFALL	43750338

**MIRAGE**  
Porcelain.Design.Sustainability



Scan for additional  
product information



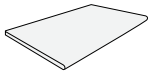
Spacers are recommended for all porcelain paver installations.

PLEASE NOTE: For vehicular applications, must be a mortar install over a concrete slab.  
Please refer to the MIRAGE install guide for driveway install procedure.

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
✓		✓		✓

## SHAPES & SIZES

### Unico



12.99 x 23.54 x 3/4"

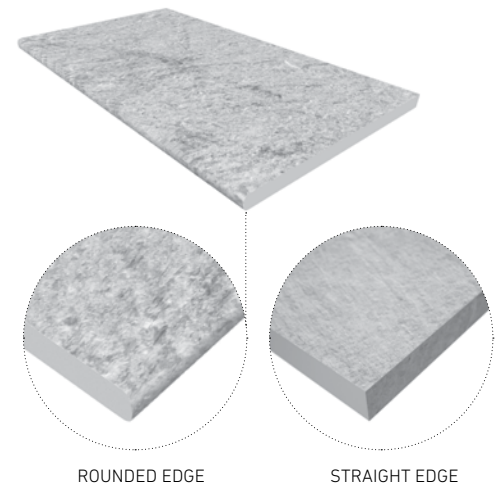
UNIT	GROSS WEIGHT/ BOX	PIECES/ BOX	LN FT/ BOX	BOXES/ PALLET	LN FT/ PALLET	GROSS WEIGHT/ PALLET
------	-------------------------	----------------	---------------	------------------	------------------	----------------------------

### UNICO

12.99 X 23.54 X 3/4"	52	3	6	40	240	2080
----------------------	----	---	---	----	-----	------

Two installation needs, a single solution. UNICO, size 12.99"x 23.51"x 3/4", is processed on both sides, on one side it has a rounded edge and on the other a square edge.

An extremely versatile special piece, which can be used both as a step and as a special piece for swimming pools, with bullnose edge or straight edge, both colored along the side.



ROUNDED EDGE

STRAIGHT EDGE

#### ITEM CODES

##### GLOCAL

CLASSIC	43750594
CLEAR	43755124
IDEAL	43750595

##### NOON

DAYLIGHT	43750321
EMBER	43750319
HONEY	43755320

#### ITEM CODES

##### QUARZITI 2.0

GLACIER	43755036
MANTLE	43755034
MOUNTAINS	43755062
RIVER	43755061
WATERFALL	43755063

# WALLS

## WALL INSTALLATION GUIDE

- 49 Wall Types
- 51 Before You Begin

## WALLS

- |    |                        |    |                     |
|----|------------------------|----|---------------------|
| 52 | Belair wall® 2.0       | 61 | Sterling®           |
| 54 | Diamond® 9D            | 62 | Tandem® Wall        |
| 56 | Diamond Pro®           | 64 | Wellington Wall®    |
| 58 | Diamond Pro Stone Cut® | 66 | Versa-lok® Standard |
| 60 | Melville™ Wall         | 67 | Weston Stone™       |

For basic wall installation information  
visit [ncma.org](http://ncma.org)



*NCMA Segmental  
Retaining Wall  
Installation Guide*



*NCMA Segmental  
Retaining Walls:  
Residential Applications*

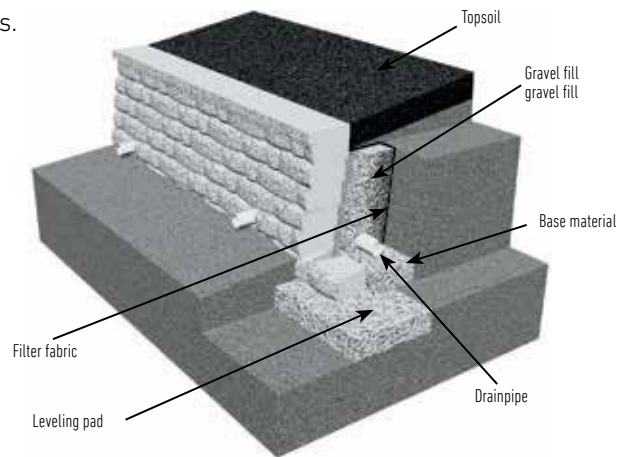
# SEGMENTAL RETAINING WALL TYPES

Segmental retaining walls typically fall into one of three categories.

## GRAVITY RETAINING WALL

The first category — a gravity wall — is a retaining wall that does not use soil reinforcement. A gravity wall has height limitations specific to each product. An advantage of this type of retaining wall is that it requires a smaller work area behind the wall.

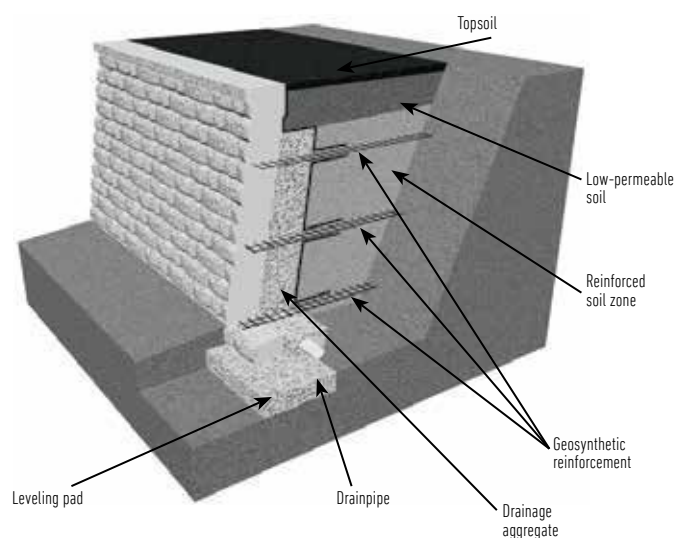
A gravity wall relies on the weight and setback of the block to resist the soil forces being exerted on the wall.



## GEOSYNTHETIC-REINFORCED RETAINING WALL

The second category is a geosynthetic-reinforced wall, which needs to be designed by a qualified engineer. There are (theoretically) no height limitations with reinforced retaining walls, and they are used in larger applications. It requires more work area behind the structure.

The block of soil is stabilized by introducing reinforcement layers into the soil mass behind the facing units. The larger the stabilized soil mass, the more soil can be retained or held back. The geogrid in the soil extends past the theoretical failure plane and serves to create a large, rectangular mass of block and soil, restraining the retained soil.

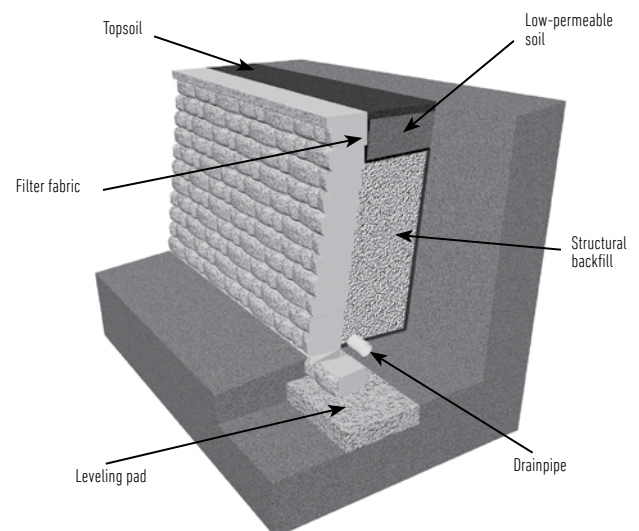


## ANCHORPLEX® SYSTEM

The third category is the Anchorplex system, which offers a unique, non-conventional solution to problematic wall construction sites. It is a retaining wall built with Belgard products and structural backfill specified by Belgard and backed by engineering support tools developed by ANCHOR Diamond®.

Use of the Anchorplex system completely eliminates the need for the construction of a mechanically stabilized earth zone behind the wall facing and requires substantially less excavation that is usually necessary in geosynthetic-reinforced wall construction.

Contact ANCHOR Diamond® at 1-877-295-5415 for more information about designing and building with the Anchorplex system.

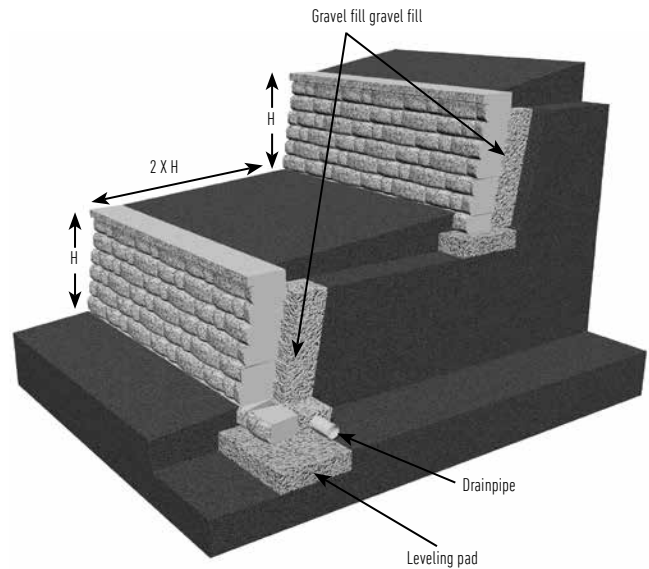


## OTHER SEGMENTAL WALL APPLICATIONS

### INDEPENDENT TERRACED WALLS

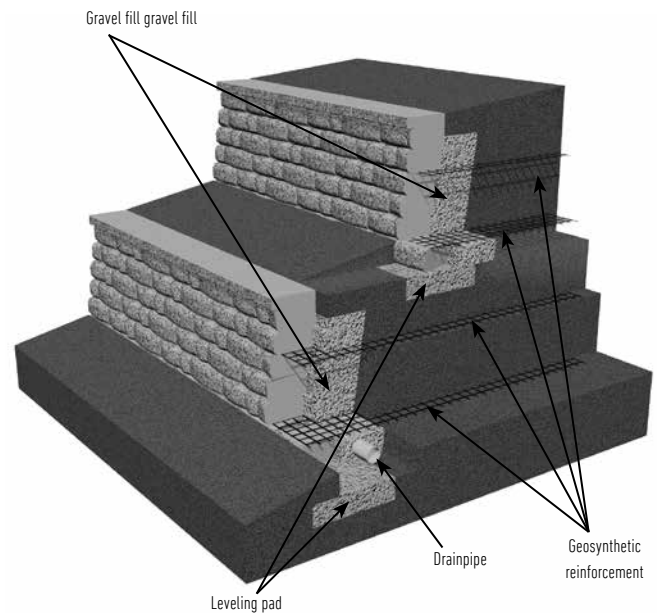
For each wall to be independent of others, they must be built using a 2:1 ratio: The upper wall must be built a distance away from the lower wall of at least twice the height of the lower wall. In addition, the upper wall must also be equal to or less than the height of the lower wall. Exceptions to this general rule include weak soil conditions or where slopes exist above, below or between wall locations. For example, if the lower terrace is 4 feet tall, the distance between the terraces must be at least 8 feet and the upper wall must not be higher than 4 feet.

Proper drainage is vital to maintaining stable, long-lasting terraced walls. A drainpipe must be installed so that the water is directed around or under the lower wall. Never place the drainpipe outlet for the upper wall above or behind the lower wall.



### DEPENDENT TERRACED WALLS

When the distance between the lower and upper walls is less than twice the height of the lower wall, the walls become structurally dependent on each other. In this situation, it is important to take global stability into account, incorporating additional reinforcement — and longer layers — into the wall plan. In addition, structurally dependent walls require even more excavation, backfill and time. So plan ahead and be sure to check the wall plan for specific requirements. For structurally dependent walls, consult with a qualified engineer.



## BEFORE YOU BEGIN

Advance planning and careful layout at the job site help ensure a successful retaining and freestanding wall project.

- Review the site plan to confirm lot lines, wall location, length and elevations.
- Understand on-site soils. Ideal soils are sand and gravel. For walls built in clay or poor soils, work with a local engineer to confirm the wall design and the required soil reinforcement. Black or organic soils should not be used as backfill.
- Confirm the location of underground utilities. Call 811.
- Seek all necessary building permits.
- Prepare a drawing of the site with the wall location, lengths and elevations.
- Plan drainage to avoid erosion or buildup of water behind the wall. Consider where the water will drain through the wall, where downspouts will expel and whether there's an underground sprinkler. For walls greater than three feet in height, a perforated drainpipe is recommended at the base of the aggregate to quickly remove large amounts of water.
- A best practice is to divert water away from the wall before it has an opportunity to enter the reinforced soil and gravel fill zone.
- Check the block delivered to ensure it is the correct product and color. Check the geogrids to confirm that it's the strength and weight specified in the engineering plans.
- Be sure to use the right tools. Hand tools include a shovel, 4-foot level, dead-blow hammer, 2- or 3-pound hammer, chisel, hand tamper, hydraulic splitter and string line. Power tools may include a circular saw with a diamond blade and a plate compactor.
- Always wear protective eye wear.

For additional wall installation references go to [Belgard.com](http://Belgard.com).



# BELAIR WALL® 2.0

NATURAL  
COLLECTION

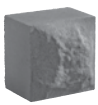


Scan for additional  
product information

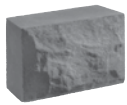
RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
✓	✓	✓	✓	✓	✓	✓	✓

## SHAPES & SIZES

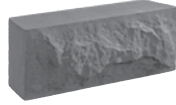
### Freestanding Wall



6 x 6 x 5



6 x 10 x 5



6 x 16 x 5

### Retaining Wall



6 x 6 x 8

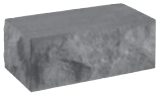


6 x 10 x 8



6 x 16 x 8

### Column/Corner



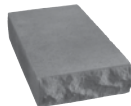
6 x 16 x 8

### Cap End



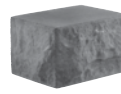
3 x 8 x 13½

### Cap



3 x 8 x 13½

### Wall End



6 x 8 x 11

### U Start Base Block®



Sold separately. Recommended for use with all available wall block units. Visit [Belgard.com](http://Belgard.com) for full product information.

3½ x 18⅞ x 12\* \*U Start Base Block actual coverage length is 16⅞

#### ITEM CODE

#### U START BASE BLOCK

GREY

16051591

#### ITEM CODES

#### BELAIR WALL 2.0

COLOR	FREESTANDING WALL	RETAINING WALL	COLUMN/CORNER	CAP	CAP END UNIT	WALL END UNIT
COTSWOLD MIST	16054473	16054423	16054481	16056159	16054861	16054650
GASCONY TAN	16054784	16054782	16054786	16056158	16054790	16054788



UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	----------------	-----------------	-------------------

## FREESTANDING WALL

6 X 6 X 5	–	–	–	30	0.25	11	–
6 X 10 X 5	–	–	–	30	0.42	19	–
6 X 16 X 5	–	–	–	60	0.67	28	–
TOTAL	30	–	–	–	–	–	3060

## RETAINING WALL

6 X 6 X 8	–	–	–	15	0.25	20	–
6 X 10 X 8	–	–	–	15	0.42	31	–
6 X 16 X 8	–	–	–	30	0.67	52	–
TOTAL	30	–	–	–	–	–	2405

## COLUMN/CORNER

6 X 16 X 8	–	–	–	28	1.03	71	1988
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## CAP

3 X 8 X 13½	–	–	–	108	0.63	23	2484
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## CAP END

3 X 8 X 13½	–	–	–	36	0.67	22	792
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## WALL END









6 X 8 X 11	–	–	–	42	0.33	36	1512
------------	---	---	---	----	------	----	------

## U START BASE BLOCK

3½ X 18¾ X 12	–	–	7	56	–	51	2839
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Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
							
✓	✓	✓	✓	✓	✓		✓

## SHAPES & SIZES

### Solid Unit



6 x 17<sup>3</sup>/<sub>4</sub> x 9

### Virtual Joints Left & Right

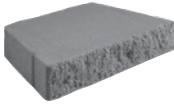


6 x 17<sup>3</sup>/<sub>4</sub> x 9



6 x 17<sup>3</sup>/<sub>4</sub> x 9

### Universal Cap



3 x 18 / 12 x 13

### U Start Base Block®



3<sup>1</sup>/<sub>2</sub> x 18<sup>7</sup>/<sub>16</sub> x 12\*

Sold separately. Recommended for use with all available wall block units. Visit [Belgard.com](http://Belgard.com) for full product information.

\*U Start Base Block actual coverage length is 16<sup>11</sup>/<sub>16</sub>

#### ITEM CODE

#### U START BASE BLOCK

GREY

16051591

#### ITEM CODES

#### DIAMOND 9D

COLOR	VIRTUAL JOINT & SOLID UNITS	CAP
ASHBURY HAZE	16200706	16252115
COTSWOLD MIST	16200651	16252125
GASCONY TAN	16200708	16251905

**NOTE:** 30 Solid units and 30 Virtual Joint units are on one pallet.



UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	----------------	-----------------	-------------------

## SOLID UNIT

6 X 17¾ X 9	35.52	–	–	30	.74	73	2900
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## VIRTUAL JOINT

6 X 17¾ X 9	35.52	–	–	LEFT VIRTUAL JOINT = 15  RIGHT VIRTUAL JOINT = 15	.74	73	2900
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## UNIVERSAL CAP









3 X 18 / 12 X 13	–	–	8	72	–	49	3525
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## U START BASE BLOCK

3½ X 18⅞ X 12	–	–	7	56	–	51	2839
---------------	---	---	---	----	---	----	------

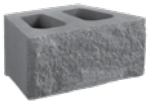


Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
							
✓	✓	✓	✓				✓

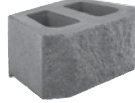
## SHAPES & SIZES

### Diamond Pro Straight Face



8 x 18 x 12

### Diamond Pro Beveled Face



8 x 18 x 12

### Diamond Pro Corner



8 x 18 x 9

### Diamond Pro Smooth Face



8 x 18 x 12

### Diamond Pro Smooth Face Corner



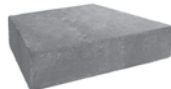
8 x 17 x 8

### Diamond Pro Cap



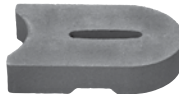
4 x 17 / 14 x 10

### Diamond Pro Smooth Face Cap



4 x 18 / 12 x 13

### U Start Base Block®



3 1/2 x 18 7/16 x 12\*

*Sold separately. Recommended for use with all available wall block units. Visit [Beldgard.com](http://Belgard.com) for full product information.*

*\*U Start Base Block actual coverage length is 16 1/16.*

## ITEM CODES

### DIAMOND PRO

COLOR	STRAIGHT FACE	BEVELED FACE	CORNER	CAP
BUFF	16050640	16050380	16050520	16050440
GRAY	16050240	16050150	16050210	16055420

## ITEM CODES

### DIAMOND PRO SMOOTH FACE

COLOR	SMOOTH FACE	CORNER	CAP
FOUNDRY	16054602	16054595	16054587
NEWPORT GRAY	16054603	1604589	16054588
MOONLIGHT	16055213	16054605	16054604

## ITEM CODE

### U START BASE BLOCK

GREY	16051591
------	----------



UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	----------------	-----------------	-------------------

## DIAMOND PRO STRAIGHT FACE

8 X 18 X 12	32	8	4	32	1	83	2646
-------------	----	---	---	----	---	----	------

## DIAMOND PRO BEVELED FACE

8 X 18 X 12	32	8	4	32	1	81	2590
-------------	----	---	---	----	---	----	------

## DIAMOND PRO CORNER

8 X 18 X 9	32	–	4	32	–	100	3200
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## DIAMOND PRO SMOOTH FACE

8 X 18 X 12	36	9	2	36	1	73	2688
-------------	----	---	---	----	---	----	------

## DIAMOND PRO SMOOTH FACE CORNER

8 X 17 X 8	36	15	2	24	1	80	2640
------------	----	----	---	----	---	----	------

## DIAMOND PRO SMOOTH FACE CAP

4 X 18 / 12 X 13	67.5	12.5	6	54	1.25	57	3024
------------------	------	------	---	----	------	----	------

## DIAMOND PRO CAP

4 X 17 / 14 X 10	–	–	6	54	–	49	2619
------------------	---	---	---	----	---	----	------

## U START BASE BLOCK



3½ X 18¾ X 12	–	–	7	56	–	51	2839
---------------	---	---	---	----	---	----	------

# DIAMOND PRO STONE CUT®

LEGACY  
COLLECTION 

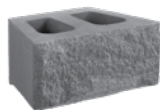


Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
							
✓	✓	✓	✓				✓

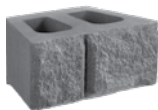
## SHAPES & SIZES

### Diamond Pro Stone Cut Large Unit



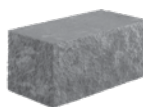
8 x 18 x 12

### Diamond Pro Stone Cut Virtual Joint



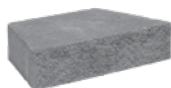
8 x 18 x 12

### Diamond Pro Stone Cut Corner



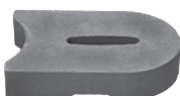
8 x 18 x 9

### Diamond Pro Cap



4 x 17 / 14 x 10

### U Start Base Block®



3½ x 18⅞ x 12\*

*Sold separately. Recommended for use with all available wall block units. Visit [Belgard.com](http://Belgard.com) for full product information.*

*\*U Start Base Block actual coverage length is 16⅞.*

## ITEM CODE

### U START BASE BLOCK

GREY

16051591

## ITEM CODES

### DIAMOND PRO STONE CUT

COLOR	LARGE UNIT	VIRTUAL JOINT	CORNER	CAP
ASHBURY HAZE	16050766	16204376	16050190	16050430
GASCONY TAN	16050784	16204377	16050570	16050470
PEWTER	16054524	16205271	16054522	16054523



UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
DIAMOND PRO STONE CUT LARGE UNIT							
8 X 18 X 12	32	8	4	32	1	–	2771
DIAMOND PRO STONE CUT VIRTUAL JOINT							
8 X 18 X 12	32	8	4	32	1	–	2515
DIAMOND PRO STONE CUT CORNER							
8 X 18 X 9	32	8	4	32	1	–	3676
DIAMOND PRO CAP							
4 X 17 / 14 X 10	–	–	6	54	–	49	2619
U START BASE BLOCK							
3½ X 18⅞ X 12	–	–	7	56	–	51	2839



Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
✓		✓	✓	✓	✓	✓	✓

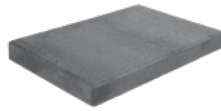
## SHAPES & SIZES

### Wall Block



4 x 20 x 10

### Cap



2 x 20 x 13

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	----------------	-----------------	-------------------

### WALL BLOCK

4 X 20 X 10	26.67	4.44	6	48	1.79	63.75	3060
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### CAP

2 X 20 X 13	100 LF	10 LF	10	60	1.66 LF	41.67	2500
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### ITEM CODES









#### MELVILLE WALL

COLOR	WALL BLOCK	CAP
COTSWOLD MIST	16053848	16053838
MIDNIGHT	16053834	16053825
SCANDINA GRAY	16052670	16052672
SIENNA BLEND	16053833	16053824





Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
							
✓		✓	✓			✓	✓

## SHAPES & SIZES

### FSW/SRW/Column Wall Block



6 x 17<sup>3</sup>/<sub>4</sub> x 12

### Anchor™ Fiberglass Pins\*



\*1 box of pins  
recommended per  
pallet, pins sold  
separately.

0.5 x 5

### XL™ Cap



3 x 18 / 12 x 13

### U Start Base Block®



3<sup>1</sup>/<sub>2</sub> x 18<sup>7</sup>/<sub>16</sub> x 12\*

(Sold Separately)

Recommended for  
use with all available  
wall block units. Visit  
Belgard.com for full  
product information.

\*Note: U Start Base  
Block actual coverage  
length is 16<sup>11</sup>/<sub>16</sub>

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	----------------	-----------------	-------------------

### WALL BLOCK

6 X 17 <sup>3</sup> / <sub>4</sub> X 12	33.75	–	5	45	.75	77	3455
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### CAP

3 X 18 / 12 X 13	–	–	8	72	–	49	3525
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### U START BASE BLOCK

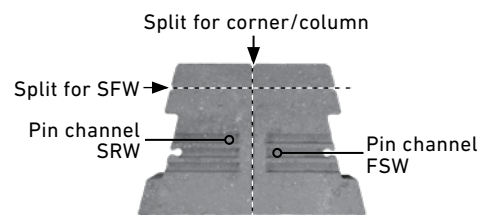
3 <sup>1</sup> / <sub>2</sub> X 18 <sup>7</sup> / <sub>16</sub> X 12	77.84 LF	11.12 LF	7	56	1.39 LF	50.7	2839
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### ITEM CODES

#### STERLING

COLOR	STERLING WALL	CAP
ASHBURY HAZE	16203711	16252115
BUFF	16203463	16050803
COTSWOLD MIST	16203461	16252125
PEWTER	16203713	16203595
SILVER	16203714	16050822

FIBERGLASS PINS
70452212



### ITEM CODE

U START BASE BLOCK

GREY 16051591



# TANDEM® WALL

## FREESTANDING / RETAINING WALLS









Scan for additional  
product information





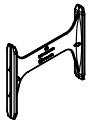
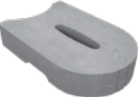

NATURAL  
COLLECTION

METROPOLITAN  
COLLECTION

RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
✓	✓	✓	✓	✓	✓	✓	✓

### SHAPES & SIZES

<b>Ashlar Tandem™ Unit 1</b>	<b>Ashlar Tandem™ Unit 2</b>	<b>Ashlar Tandem™ Unit 3</b>	<b>Melville Tandem™ Unit 1</b>	<b>Melville Tandem™ Unit 2</b>	<b>Melville Tandem™ Unit 3</b>
					
7 x 13 <sup>3</sup> / <sub>16</sub> x 2 <sup>5</sup> / <sub>8</sub>	7 x 15 <sup>13</sup> / <sub>16</sub> x 2 <sup>5</sup> / <sub>8</sub>	7 x 18 <sup>7</sup> / <sub>16</sub> x 2 <sup>5</sup> / <sub>8</sub>	7 x 13 <sup>3</sup> / <sub>16</sub> x 2 <sup>5</sup> / <sub>8</sub>	7 x 15 <sup>13</sup> / <sub>16</sub> x 2 <sup>5</sup> / <sub>8</sub>	7 x 18 <sup>7</sup> / <sub>16</sub> x 2 <sup>5</sup> / <sub>8</sub>

<b>Lamina Tandem™ Unit 1</b>	<b>Lamina Tandem™ Unit 2</b>	<b>Lamina Tandem™ Unit 3</b>	<b>Tandem Cap Unit</b>	<b>8" Connecting Member</b>	<b>U Start Base Block®</b>	<b>Tandem Modular Block® with Universal Connector</b>
						
7 x 13 <sup>13</sup> / <sub>16</sub> x 2 <sup>5</sup> / <sub>8</sub>	7 x 15 <sup>7</sup> / <sub>16</sub> x 2 <sup>5</sup> / <sub>8</sub>	7 x 18 <sup>1</sup> / <sub>16</sub> x 2 <sup>5</sup> / <sub>8</sub>	15 x 24 x 3 <sup>1</sup> / <sub>4</sub>	3 x 12 <sup>7</sup> / <sub>8</sub> x 12	3 <sup>1</sup> / <sub>2</sub> x 18 <sup>1</sup> / <sub>2</sub> x 12*	7 <sup>1</sup> / <sub>16</sub> x 7 <sup>7</sup> / <sub>8</sub> x 7 <sup>7</sup> / <sub>8</sub>

\*Recommended for use with all available wall block units. (Sold Separately)  
NOTE: U Start Base Block actual coverage length is 16<sup>1</sup>/<sub>16</sub>.

### ITEM CODES

#### TANDEM WALL

COLOR	ASHLAR TANDEM	ASHLAR COLUMN VENEER	MELVILLE TANDEM	MELVILLE COLUMN VENEER	LAMINA TANDEM	LAMINA COLUMN VENEER	TANDEM CAP
DANVILLE BEIGE	10079026	10079036	16052517	16052536	—	—	10079109
PEWTER	16058781	16058783	16058782	16052233	16052162	16052473	10658784
SCANDINA GRAY	16052674	16050672	—	—	16052691	16052692	16052673
SHELBY BLEND	10079027	10079035	—	—	—	—	10079108
SIENNA BLEND	—	—	—	—	16051349	16051952	16051953

### ITEM CODES

#### ACCESSORIES

8" CONNECTOR	TANDEM COLUMN FRAME	TANDEM COLUMN CONNECTOR	MODULAR BLOCK	MODULAR BLOCK CONNECTOR
70971501	70972163	70972162	30156171	70972062

50 connectors  
(1 bag needed per column)

# **PALLET INFORMATION / ESTIMATING CHART**

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	WEIGHT/ UNIT	WEIGHT/ PALLET
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## **ASHLAR TANDEM WALL UNITS**

7 X 13 <sup>3</sup> / <sub>16</sub> X 2 <sup>5</sup> / <sub>8</sub>	19.2	3.2	–	30	.64	–	570
7 X 15 <sup>13</sup> / <sub>16</sub> X 2 <sup>5</sup> / <sub>8</sub>	23.1	3.85	–	30	.77	–	696
7 X 18 <sup>7</sup> / <sub>16</sub> X 2 <sup>5</sup> / <sub>8</sub>	27	4.5	–	30	.9	–	816
TOTAL	70.1	11.69	6	90	2.31	175	2082

## **MELVILLE TANDEM WALL UNITS**

7 X 13 <sup>3</sup> / <sub>16</sub> X 2 <sup>5</sup> / <sub>8</sub>	19.2	3.2	–	30	.64	95	570
7 X 15 <sup>13</sup> / <sub>16</sub> X 2 <sup>5</sup> / <sub>8</sub>	23.1	3.85	–	30	.77	116	696
7 X 18 <sup>7</sup> / <sub>16</sub> X 2 <sup>5</sup> / <sub>8</sub>	27	4.5	–	30	.90	136	816
TOTAL	70.1	11.69	6	90	2.31	347	2082

## **LAMINA TANDEM WALL UNITS**

7 X 15 <sup>13</sup> / <sub>16</sub> X 2 <sup>5</sup> / <sub>8</sub>	15.576	2.596	–	24	.649	77.08	462.48
7 X 18 <sup>7</sup> / <sub>16</sub> X 2 <sup>5</sup> / <sub>8</sub>	18.696	3.116	–	24	.779	92.52	555.12
7 X 21 <sup>1</sup> / <sub>16</sub> X 2 <sup>5</sup> / <sub>8</sub>	21.816	3.636	–	24	.909	108	648
TOTAL	56.08	9.35	6	72	–	277.6	1666

## **TANDEM CAP UNIT**

15 X 24 X 3 <sup>1</sup> / <sub>4</sub>	20 SF 64 LF	2.5	8	32	.625 SF 2 LF	373.75	2990
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## **COLUMN UNIT**

7 X 18 <sup>1</sup> / <sub>2</sub> X 2 <sup>5</sup> / <sub>8</sub>	45.43	9	5	45	2 COLUMNS/ PALLETS	461.2	1350
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## **TANDEM MODULAR BLOCK**



7 <sup>7</sup> / <sub>16</sub> X 7 <sup>7</sup> / <sub>8</sub> X 7 <sup>7</sup> / <sub>8</sub>	49.29	12.32	4	128	0.389	704	2816
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## **U START BASE BLOCK**

3 <sup>1</sup> / <sub>2</sub> X 18 <sup>1</sup> / <sub>2</sub> X 12	–	–	7	56	–	51	2839
---------------------------------------------------------------------	---	---	---	----	---	----	------



Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
							
✓		✓	✓		✓	✓	✓

## SHAPES & SIZES

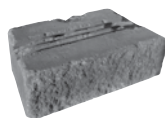
### Multi-Piece



6 x 9 / 6 x 10

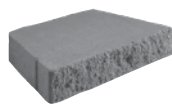


6 x 12 / 9 x 10



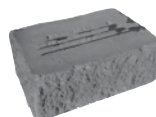
6 x 18 / 15 x 10

### Universal Cap



3 x 18 / 12 x 13

### Corner



6 x 12 x 10

*Note: Pins are included with the pallets.*

### U Start Base Block®



3½ x 18⅞ x 12\*

*Sold separately. Recommended for use with all available wall block units. Visit [Belgard.com](http://Belgard.com) for full product information.*

*\*U Start Base Block actual coverage length is 16⅞*

#### ITEM CODE

#### U START BASE BLOCK

GREY

16051591

#### ITEM CODES

#### WELLINGTON WALL

COLOR	MULTI-PIECE	CORNER	UNIVERSAL CAP
ASHBURY HAZE	16251079	16251078	16252115
COTSWOLD MIST	16251077	16251076	16252125
GASCONY TAN	16251078	16251081	16251905



UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	SQFT/ UNITS	WEIGHT/ LAYER	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	----------------	------------------	-------------------

## MULTI-PIECE

6 X 9/6 X 10	6	1.5	–	16	.375	151.5	606
6 X 12/6 X 10	8	2	–	16	.50	202	808
6 X 18/15 X 10	12	3	–	16	.75	303	1212
TOTAL	26 SRW   23 FSW	6.5	4	48	1.625	656.5	2626

## CORNER

6 X 12 X 10	16	8	2	32	.5	944	1888
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## UNIVERSAL CAP

3 X 18/12 X 13	22.54 SF 90 LF	2.82	8	72	313 SF 1.25 LF	492.21	3938
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## U START BASE BLOCK

3½ X 18¾ X 12	–	–	7	56	–	51	2839
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# VERSA-LOK® STANDARD

LEGACY  
COLLECTION 



Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
							
✓	✓	✓	✓	✓		✓	✓

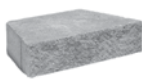
## SHAPES & SIZES

### Wall Unit



6 x 16/14 x 12

### Universal Cap



3 x 18/12 x 13

### Versa-Pins



2 versa-pins per  
block

*Note: Pins are sold separately.*

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	----------------	-----------------	-------------------

### WALL UNIT

6 x 16/14 x 12	26.8	5.36	5	40	—	83	3332
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### CAP

3 x 18/12 x 13	—	—	8	72	.313 SF 1.25 LF	48	3474
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### ITEM CODES

#### VERSA-LOK STANDARD

COLOR	BLOCK	UNIVERSAL CAP
ASHBURY HAZE	16200195	16252115
BUFF	16203015	16050803
PEWTER	16203435	16203595
SILVER/GRAY	16203515	16050822



Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
✓		✓	✓	✓	✓	✓	✓

## SHAPES & SIZES

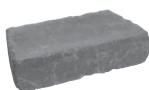
### 3-Piece



4 x 8 / 5 x 8



4 x 12 / 9 x 8



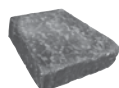
4 x 16 / 13 x 8

### Universal



4 x 12 x 8

### Cap



3 x 12½ / 8⅝ x 11

## ITEM CODES

### WESTON STONE

COLOR	3-PIECE	CAP	UNIVERSAL
ASHBURY HAZE	16254050	16254130	16254155
COTSWOLD MIST	16254070	16254150	16254160
DANVILLE BEIGE	-	16250382	16250381
GASCONY TAN	16254080	16204210	16254165
MIDNIGHT	-	16252997	16252711



UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	SQFT/ UNITS	WEIGHT/ LAYER	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	----------------	------------------	-------------------

## 3-PIECE MODULAR

4 X 8 / 5 X 8	–	–	–	–	–	16.9	–
4 X 12 / 9 X 8	–	–	–	–	–	26.1	–
4 X 16 / 13 X 8	–	–	–	–	–	36.4	–
TOTAL	42	6	7	126	–	–	3400

## UNIVERSAL

4 X 12 X 8	39.6	6.6	6	120	–	30	3614
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## CAP

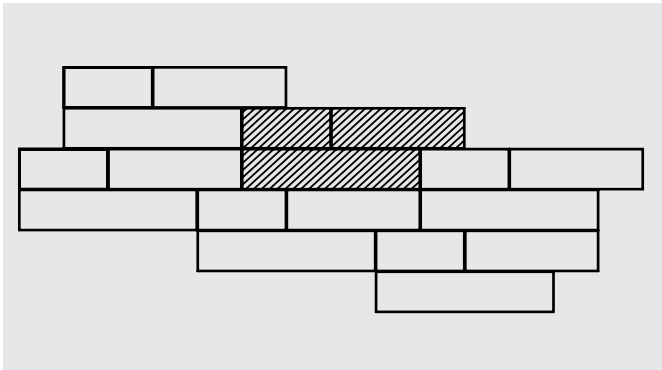
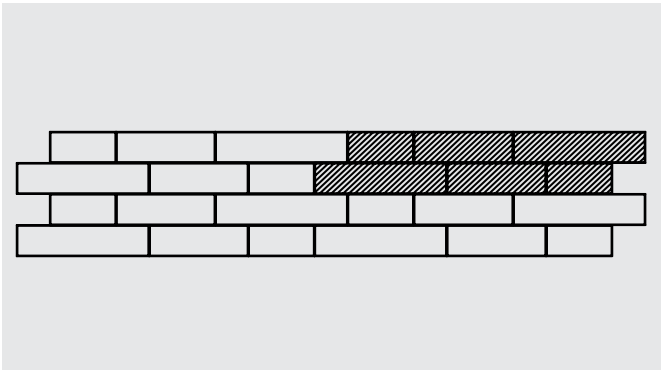
3 X 12½ / 8⅝ X 11	–	–	8	96	–	28	2624
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# WESTON STONE™ INSTALLATION INSTRUCTIONS

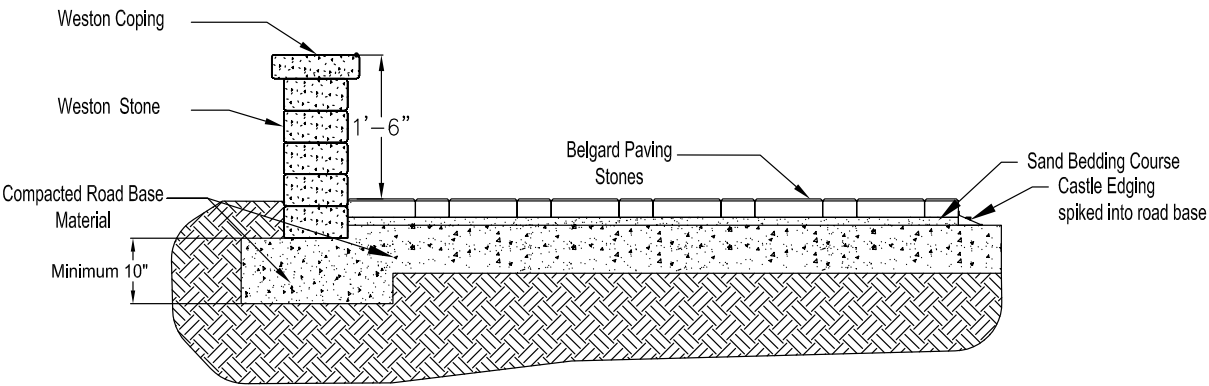
This is a pinless system. Maximum wall height is 2½ feet. Walls exceeding 2½ feet in height may require geogrid reinforcing and the consultation of a qualified engineer. Contact your Belgard sales representative or dealer for assistance.

Weston Stone wall units must be glued with a quality construction adhesive to develop the necessary mechanical bond. All measurements herein are approximate. Natural materials are used in the manufacturing of this product.

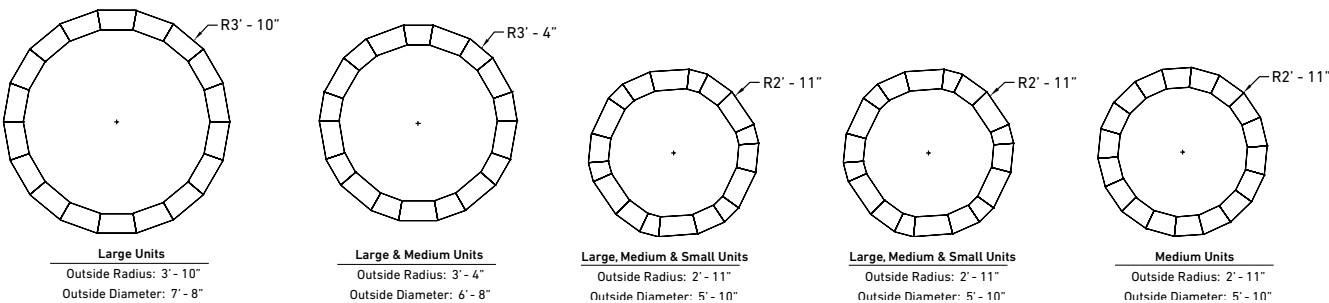
## WESTON STONE™ WALL PATTERNS



## TYPICAL CROSS SECTION WITH WESTON STONE SEAT WALL



## TREE RINGS WITH WESTON STONE





# FIRE FEATURES

## FIRE FEATURES INSTALLATION GUIDE

71 Installation Instructions

## FIRE FEATURES

72 Metropolitan™ Series

75 Beaufort™ Series

78 Bordeaux™ Series

81 Brighton™ Series

83 Bristol™ Series

86 Weston Stone Fire Pit Kit

# STANDARD INSTALLATION INSTRUCTIONS

## GRAVEL BASE

Gravel Fill shall be a clean angular stone or angular granular fill meeting the following gradation as determined in accordance with ASTM D 422.

<u>Sieve Size</u>	<u>Percent Passing</u>
1-in	100
3/4-in	75-100
No. 4	0-60
No. 40	0-50
No. 200	0-12

## FOUNDATION PREPARATION

Following excavation of the leveling pad, foundation soil shall be examined to assure the actual foundation soil strength meets or exceeds the assumed design bearing strength. Soils not meeting the required strength shall be removed and replaced with soil meeting the design criteria.



*Scan for Fortified Installation Method  
to be used with soft soils or expanding clays*

## LEVELING PAD PREPARATION

A minimum 18-in thick layer or compacted granular material shall be placed for use as a leveling pad up to the grades and locations as shown on the construction drawings. The granular base shall be compacted to a firm, level bearing pad on which to place the bottom level of the unit. A leveling pad consisting of 6-in (minimum) thick lean, unreinforced concrete may be used at the contractor's option, or if so detailed on the plans. The leveling pad should extend a minimum of 6-in from the toe and from the heel of the unit base.

## GRAVEL FILL

Gravel fill shall be placed to the minimum finished thickness and width shown on the construction plans.

Gravel lifts shall be a maximum thickness of 6-in.

Lifts shall be compacted by three passes of a light weight vibratory plate compactor.

For areas not affected by freeze-thaw conditions please contact your local Belgard sales representative for further installation information.

# METROPOLITAN™ SERIES

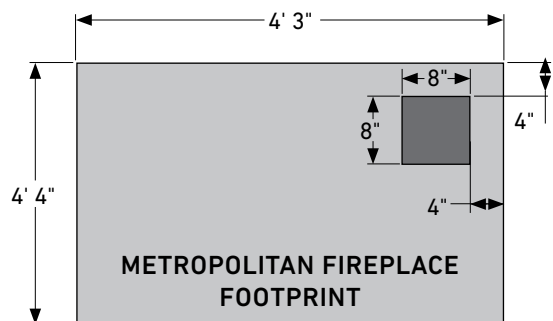
METROPOLITAN  
COLLECTION 



*Scan for additional  
product information*



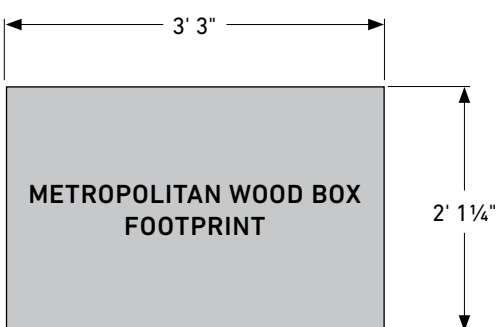
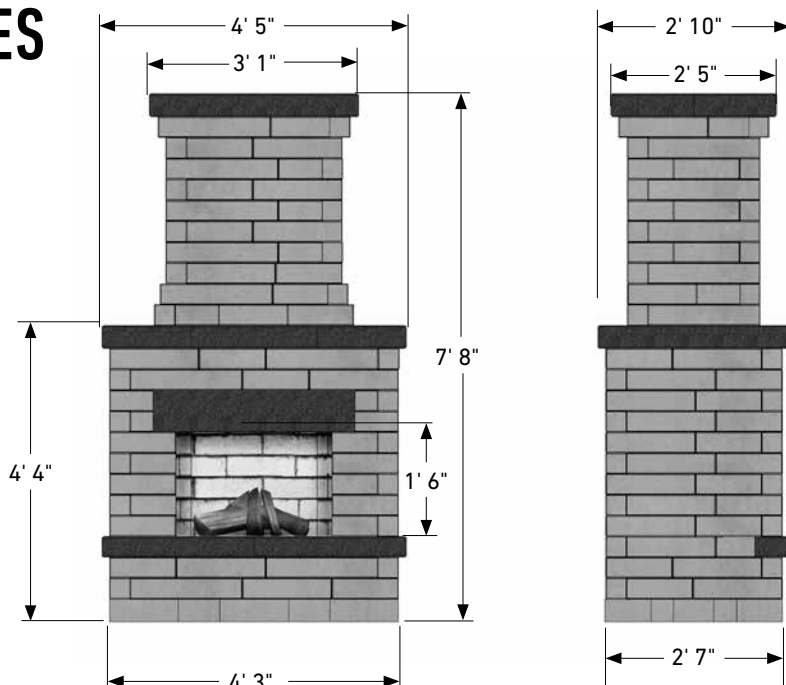
# METROPOLITAN™ SERIES



## FIREPLACE

Rough Dimensions:  
2' 7" D x 4' 3" W x 7' 8" H

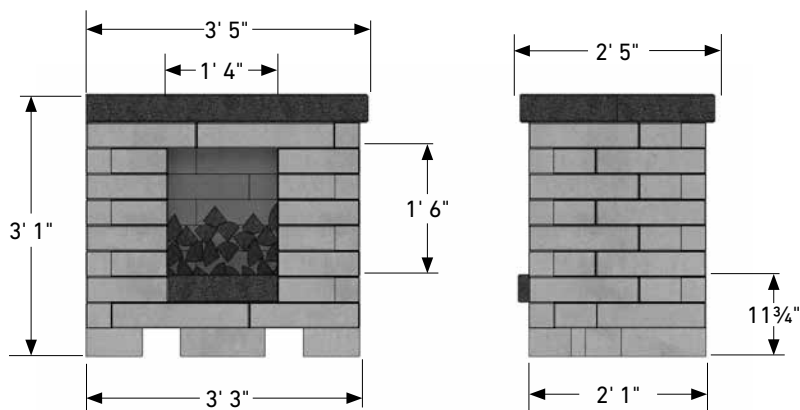
Approximate Weight:  
4205 lbs.



## WOOD BOXES

Rough Dimensions:  
2' 1" D x 3' 3" W x 3' 1" H

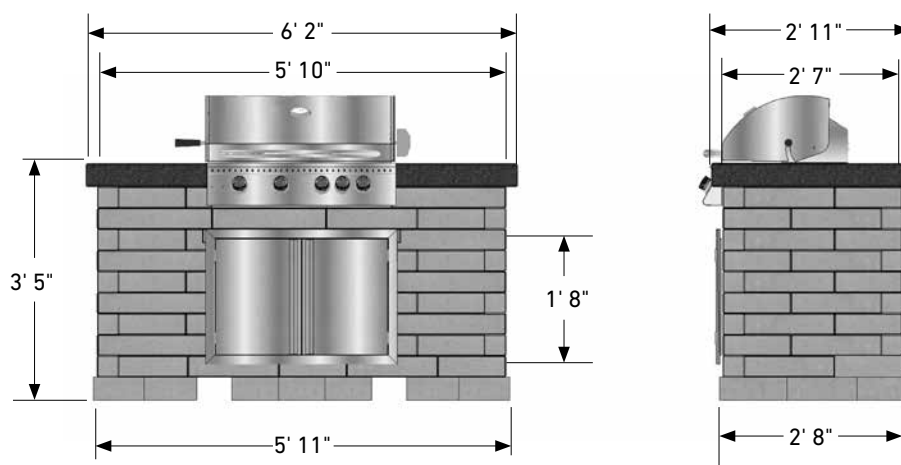
Approximate Weight:  
3070 lbs. or 1535 lbs. each



## GRILL ISLAND

Rough Dimensions:  
2' 8" D x 5' 11" W x 3' 5" H

Approximate Weight:  
3500 lbs.

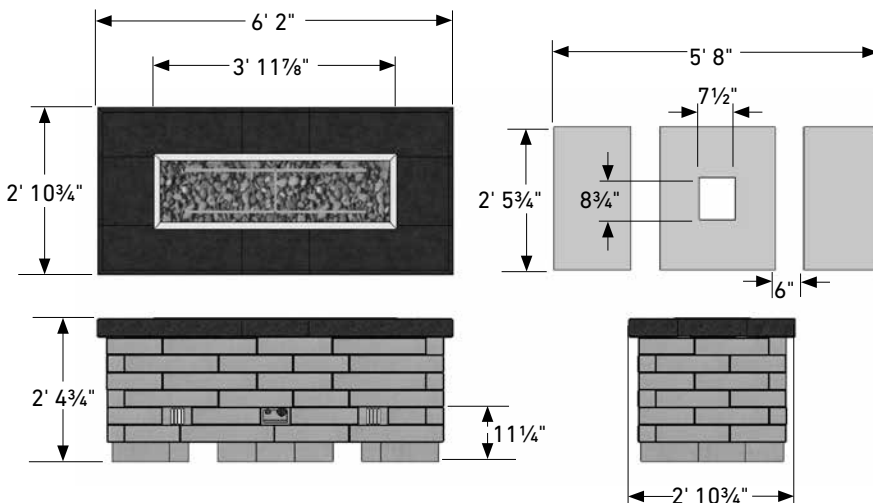


# METROPOLITAN™ SERIES

## LINEAR FIRE TABLE

Rough Dimensions:  
2' 6" D x 5' 8" W x 2' 5" H

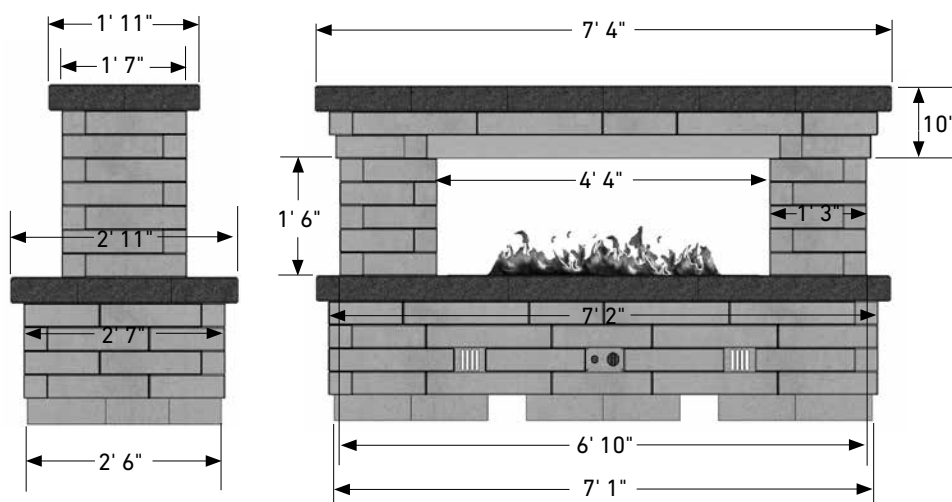
Approximate Weight:  
2500 lbs.



## LINEAR FIREPLACE

Rough Dimensions:  
2' 6" D x 7' 1" W x 5' 4" H

Approximate Weight:  
4000 lbs.



### FIREPLACE

13070020

Metropolitan Wood Fireplace  
Colors: Scandina Gray/Midnight

### WOOD BOXES

13140010

Metropolitan Wood Boxes (Pair)  
Colors: Scandina Gray/Midnight

*36" wood burning fireplace can be  
converted to a vented gas unit on-site.*

### GRILL ISLAND

13110028

Metropolitan Grill Island  
Colors: Scandina Gray/Midnight

### LINEAR FIREPLACE

13000026

Metropolitan Linear Fireplace  
Colors: Scandina Gray/Midnight

### LINEAR FIRE TABLE

13000027

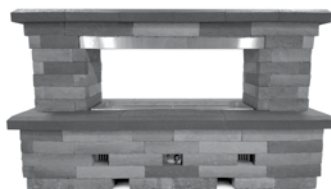
Metropolitan Linear Fire Table  
Colors: Scandina Gray/Midnight

# BEAUFORT™ SERIES

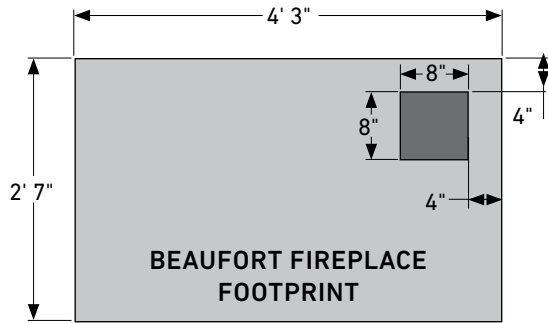
NATURAL  
COLLECTION 



*Scan for additional  
product information*



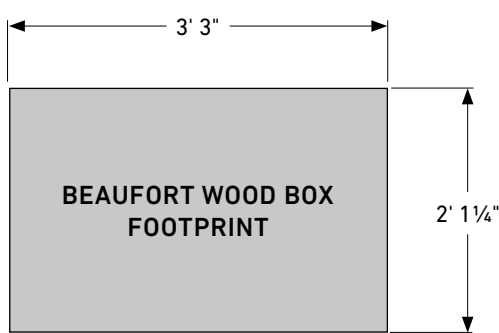
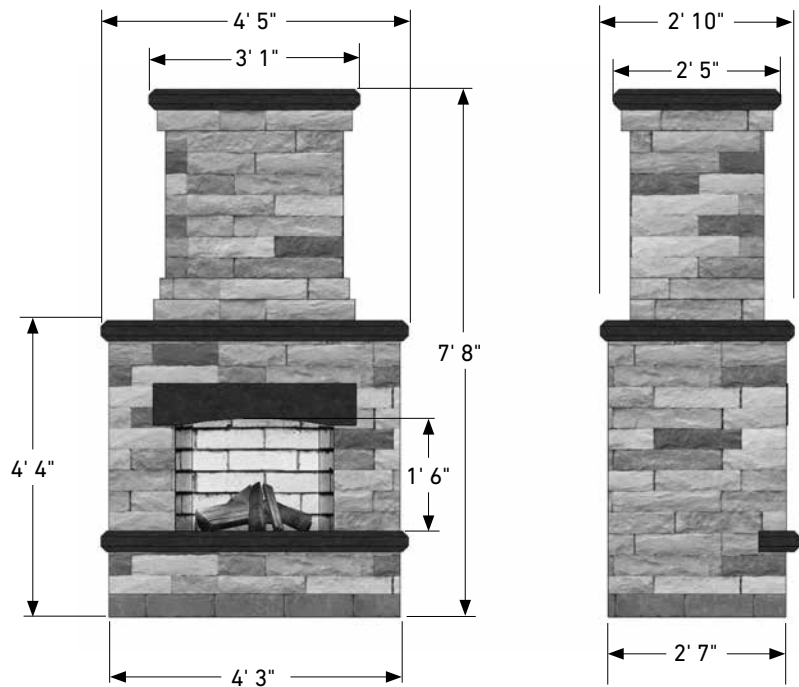
# BEAUFORT™ SERIES



## FIREPLACE

Rough Dimensions:  
2' 7" D x 4' 3" W x 7' 8" H

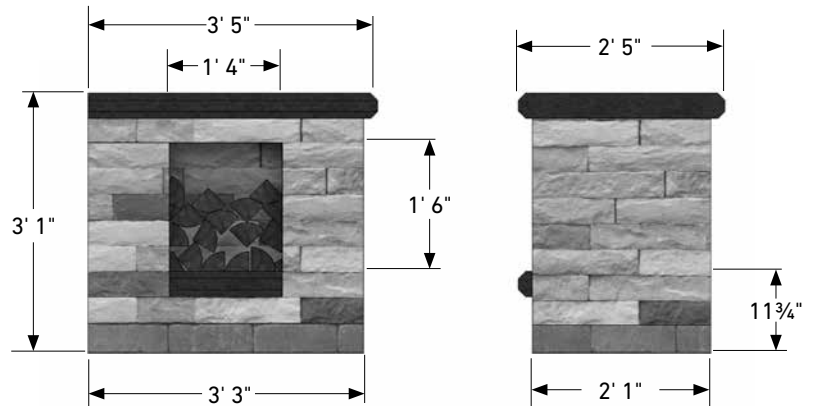
Approximate Weight:  
4170 lbs.



## WOOD BOXES

Rough Dimensions:  
2' 1" D x 3' 3" W x 3' 1" H

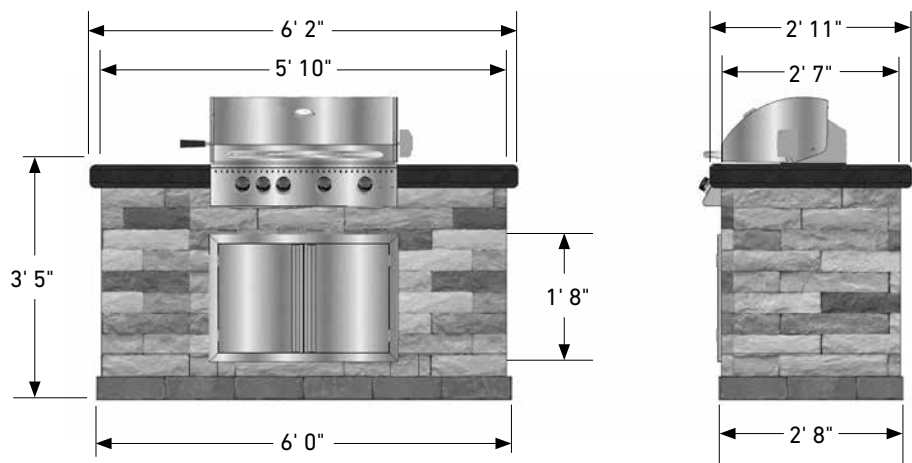
Approximate Weight:  
3070 lbs.



## GRILL ISLAND

Rough Dimensions:  
2' 8" D x 6' W x 3' 5" H

Approximate Weight:  
3140 lbs.

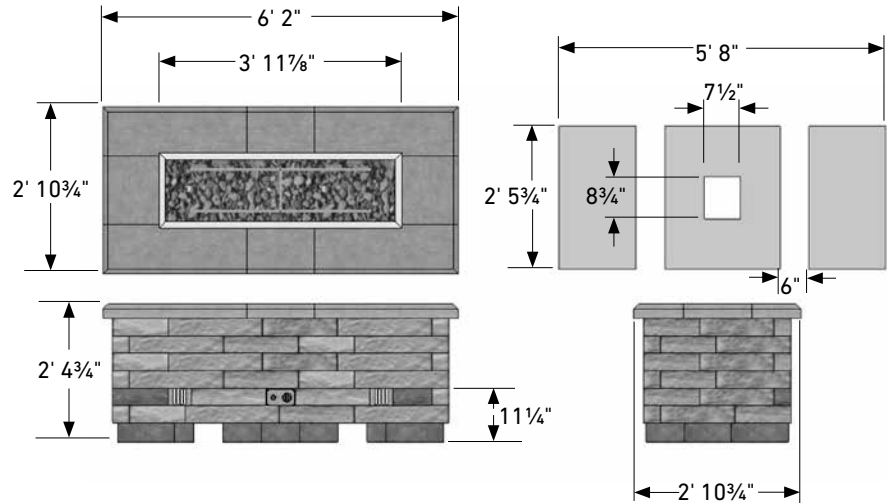


# BEAUFORT™ SERIES

## LINEAR FIRE TABLE

Rough Dimensions:  
2' 6" D x 5' 8" W x 2' 5" H

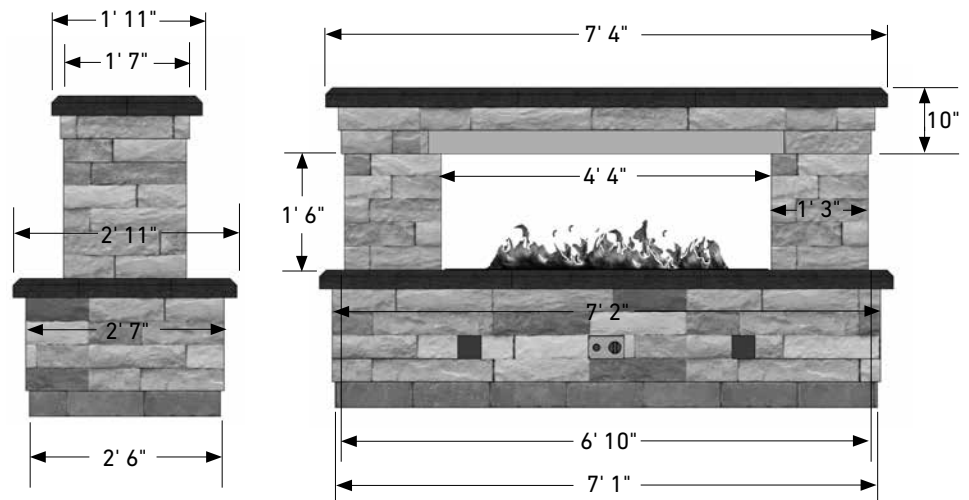
Approximate Weight:  
2500 lbs.



## LINEAR FIREPLACE

Rough Dimensions:  
2' 6" D x 7' 1" W x 5' 4" H

Approximate Weight:  
3700 lbs.



### FIREPLACE

13070010

Beaufort Wood Fireplace  
Colors: Shelby/Midnight

### WOOD BOXES

13140505

Beaufort Wood Boxes (Pair)  
Colors: Shelby/Midnight

*36" wood burning fireplace can be  
converted to a vented gas unit on-site.*

### GRILL ISLAND

13110518

Beaufort Grill Island (NG)  
Colors: Shelby/Midnight

13110818

Beaufort Grill Island (LP)  
Colors: Shelby/Midnight

### LINEAR FIREPLACE

13000018

Beaufort Linear Fireplace  
Colors: Shelby/Midnight

### LINEAR FIRE TABLE

13000205

Beaufort Linear Fireplace  
Colors: Shelby/Midnight

# BORDEAUX™ SERIES

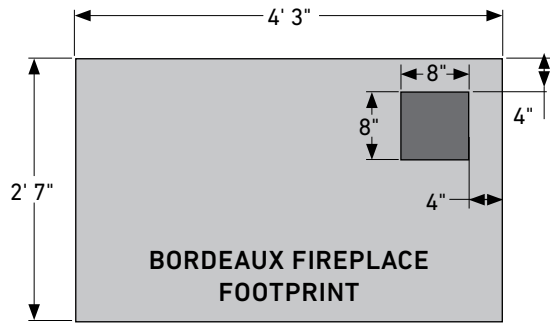
NATURAL  
COLLECTION 



*Scan for additional  
product information*



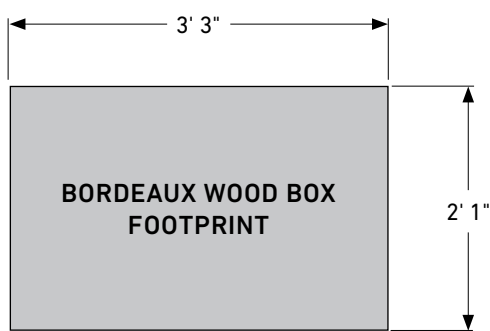
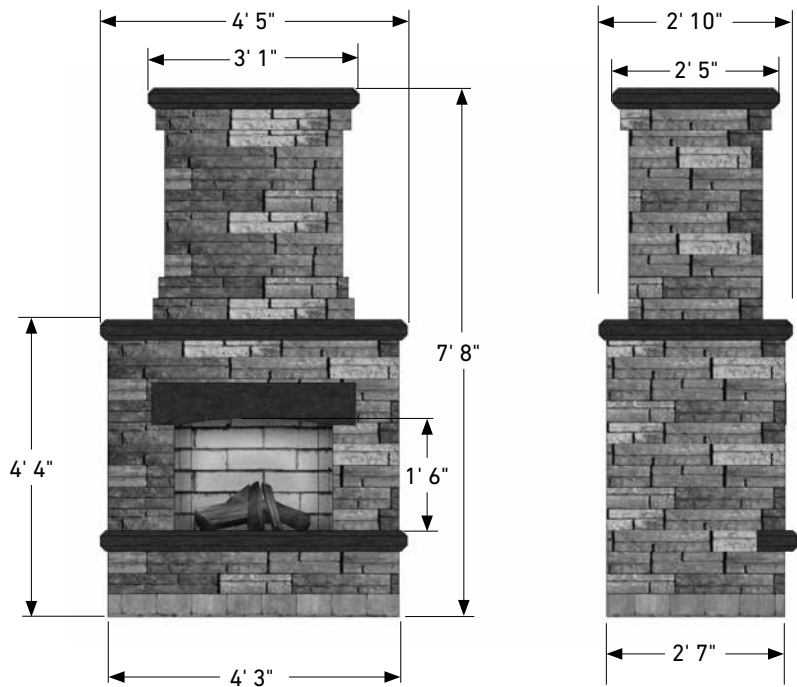
# BORDEAUX™ SERIES



## FIREPLACE

Rough Dimensions:  
2' 7" D x 4' 3" W x 7' 8" H

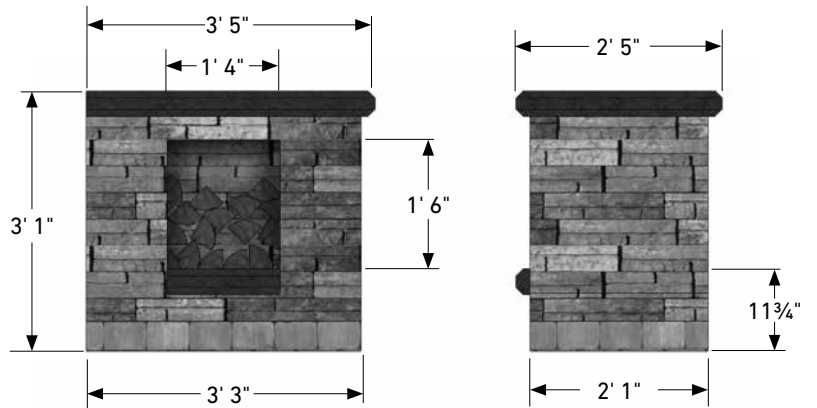
Approximate Weight:  
4200 lbs.



## WOOD BOXES

Rough Dimensions:  
2' 1" D x 3' 5" W x 3' 1" H

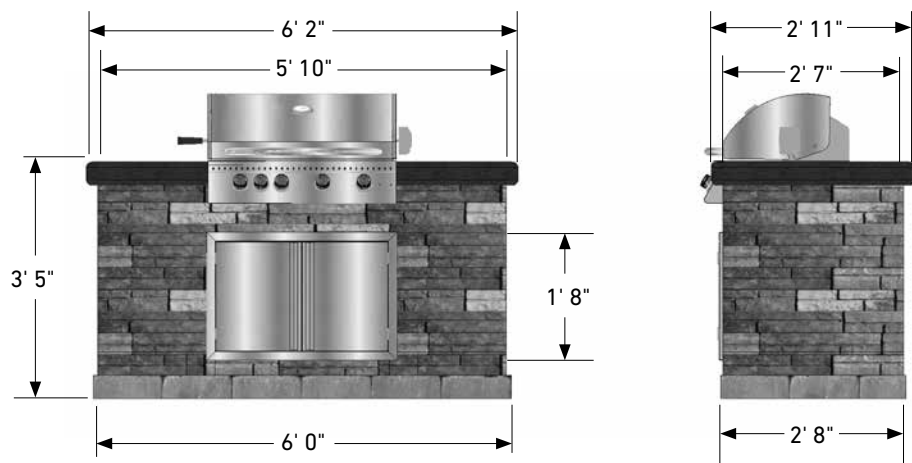
Approximate Weight:  
3070 lbs.



## GRILL ISLAND

Rough Dimensions:  
2' 8" D x 6' W x 3' 5" H

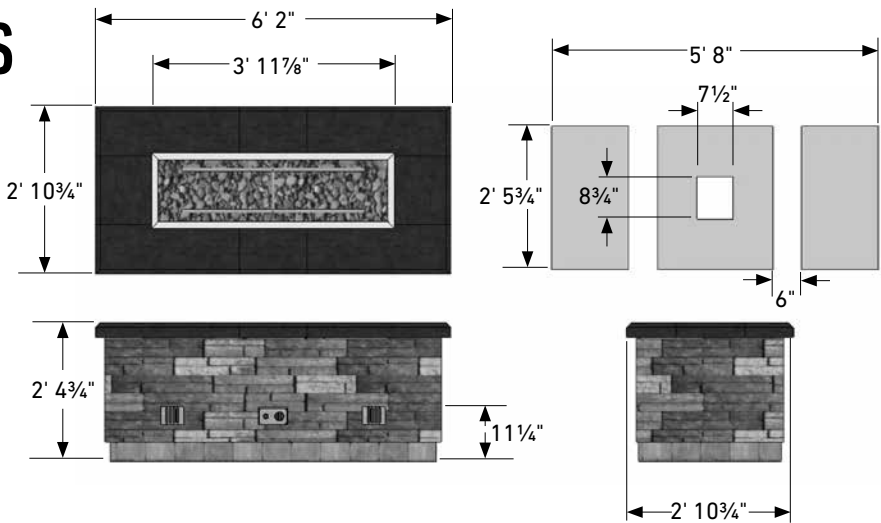
Approximate Weight:  
2500 lbs.



# BORDEAUX™ SERIES

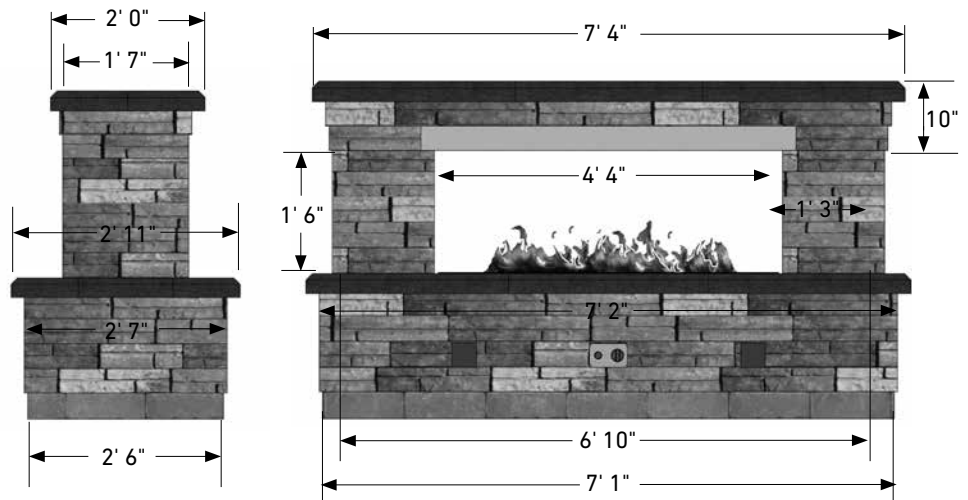
## LINEAR FIRE TABLE

Rough Dimensions:  
2' 10<sup>3</sup>/<sub>4</sub>" D x 6' 2" W x 2' 4<sup>3</sup>/<sub>4</sub>" H  
Approximate Weight:  
2500 lbs.



## LINEAR FIREPLACE

Rough Dimensions:  
2' 6" D x 7' 1" W x 5' 4" H  
Approximate Weight:  
3700 lbs.



### FIREPLACE

70300791

Bordeaux Wood Fireplace  
Colors: Lamina Sienna/Cordova  
Stone Buff Base + Top

13070014

Bordeaux Wood Fireplace  
Colors: Lamina Sienna/Cordova  
Midnight Base + Top

13070012

Bordeaux Wood Fireplace  
Colors: Lamina Pewter  
Midnight Base + Top

### WOOD BOXES

13140001

Bordeaux Wood Boxes (Pair)  
Colors: Lamina Sienna/  
Cordova Stone Buff

13140020

Bordeaux Wood Boxes (Pair)  
Colors: Lamina Sienna/  
Cordova Stone Midnight

13140021

Bordeaux Wood Boxes (Pair)  
Colors: Lamina Pewter  
Midnight Base + Top

### GRILL ISLAND

13110010

Bordeaux Grill Island (NG)  
Colors: Lamina Sienna/  
Cordova Stone Buff  
+ Stainless

13110011

Bordeaux Grill Island (LP)  
Colors: Lamina Sienna/  
Cordova Stone Buff  
+ Stainless

13110014

Bordeaux Grill Island (NG)  
Colors: Lamina Sienna/  
Cordova Stone Midnight  
+ Stainless

13110015

Bordeaux Grill Island (LP)  
Colors: Lamina Sienna/  
Cordova Stone Midnight  
+ Stainless

### LINEAR FIREPLACE

13000021

Bordeaux Linear Fireplace  
Colors: Sienna/Buf

13000019

Bordeaux Linear Fireplace  
Colors: Sienna/Midnight

13000020

Bordeaux Linear Fireplace  
Colors: Pewter/Midnight

### LINEAR FIRE TABLE

13000023

Bordeaux Linear Fire Table  
Colors: Sienna/Buf

13000204

Bordeaux Linear Fire Table  
Colors: Sienna/Midnight

13000203

Bordeaux Linear Fire Table  
Colors: Pewter/Midnight

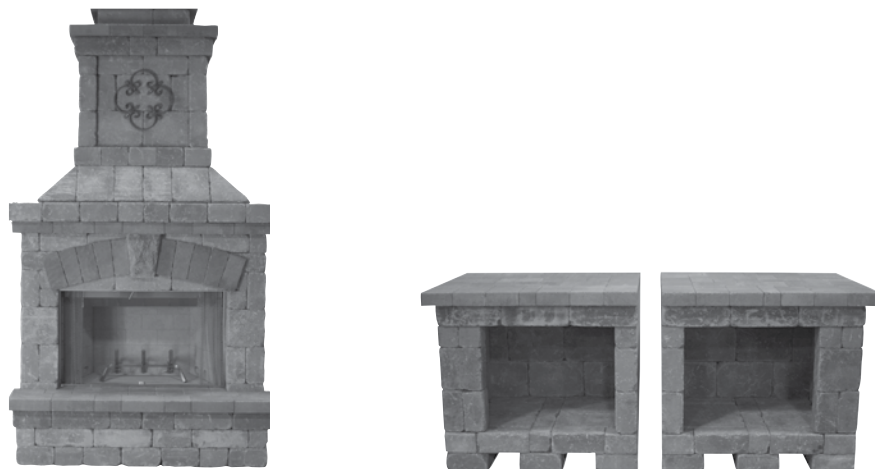
36" wood burning fireplace can be converted to a vented gas unit on-site.

# BRIGHTON™ SERIES

HERITAGE  
COLLECTION **H-I**



*Scan for additional  
product information*



# BRIGHTON™ SERIES

## FIREPLACE

Rough Dimensions:

3' 4" D x 4' 4" W x 8' 4" H

Approximate Weight:

5825 lbs.

## FIREPLACE

70580007

Brighton Fireplace

Colors: Weston Gascony Tan/Urbana

Ashbury Haze Base + Top

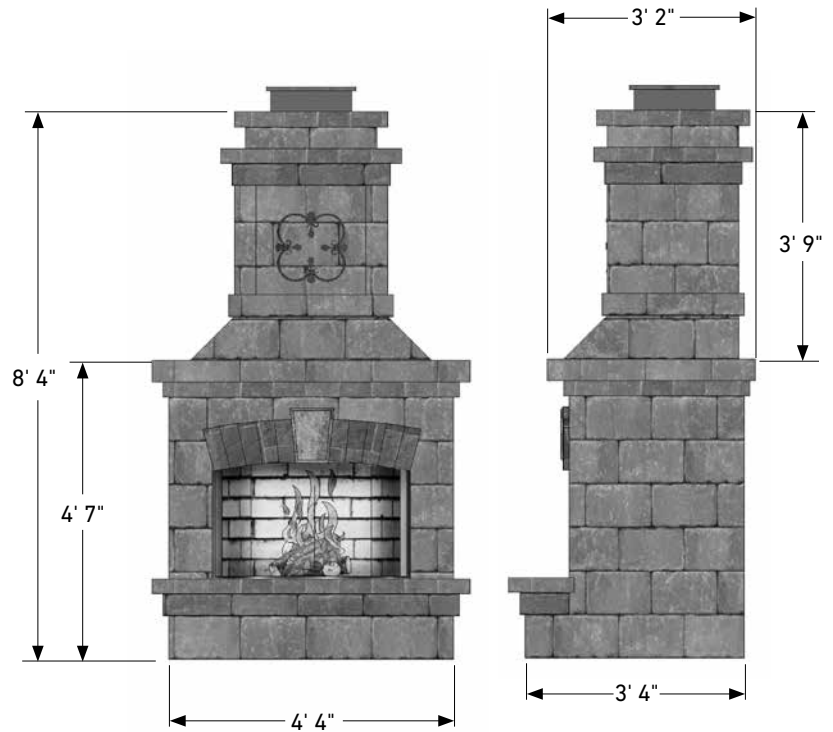
70580378

Brighton Fireplace

Colors: Weston Cotswold Mist/Urbana

Brookstone Slate Base + Top

36" wood burning fireplace can be converted to a vented gas unit on-site.



## WOOD BOXES

Rough Dimensions:

2' 4" D x 3' W x 2' 11" H

Approximate Weight:

3200 lbs.

## WOOD BOXES

70300046

Brighton Wood Boxes (Pair)

Colors: Weston Gascony Tan/Urbana

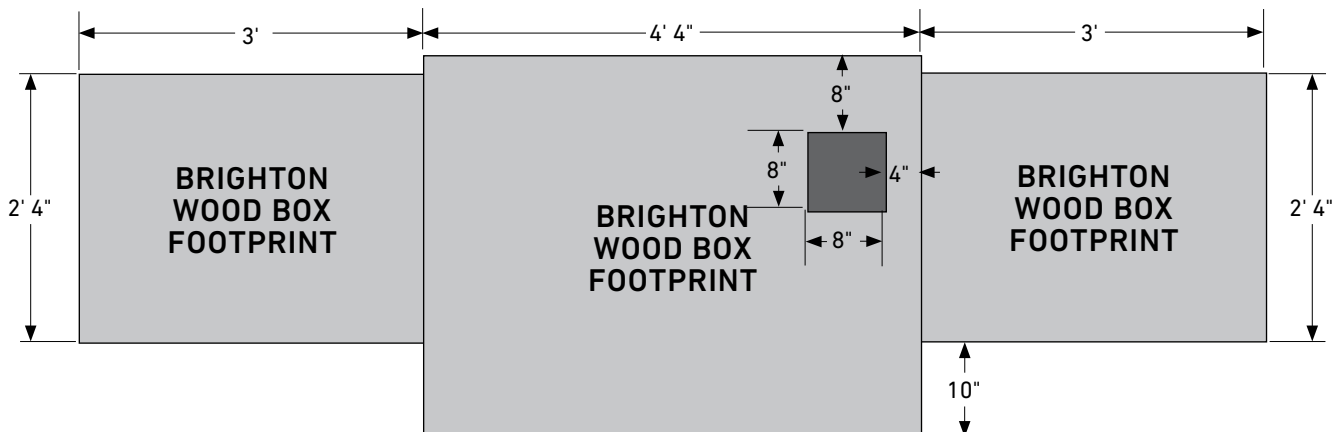
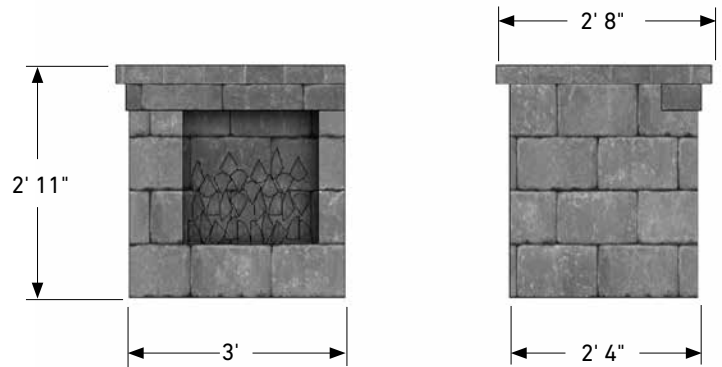
Ashbury Haze

70580291

Brighton Wood Boxes (Pair)

Colors: Weston Cotswold Mist/Urbana

Brookstone Slate



# BRISTOL™ SERIES

NATURAL  
COLLECTION



Scan for additional  
product information



# BRISTOL™ SERIES

## FIREPLACE

Rough Dimensions:  
3' D x 5' W x 9' 6" H

Approximate Weight:  
5825 lbs.

## FIREPLACE

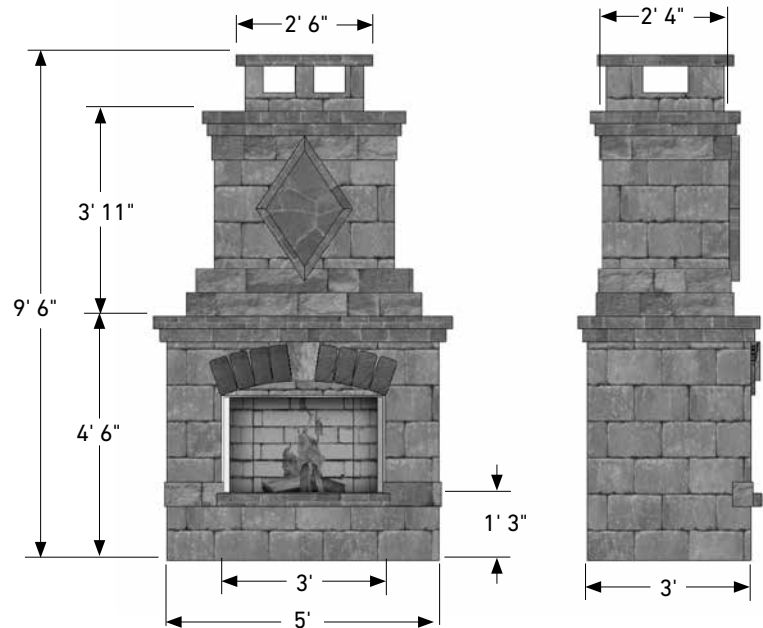
70580261

Colors: Weston Gascony Tan/  
Arbel Ashbury Haze Base + Top

70580312

Colors: Weston Cotswold Mist/  
Arbel Brookstone Slate Base + Top

36" wood burning fireplace can be  
converted to a vented gas unit on-site.



## WOOD BOXES

Rough Dimensions:  
2' 4" D x 3' W x 3' 3" H

Approximate Weight:  
3950 lbs.

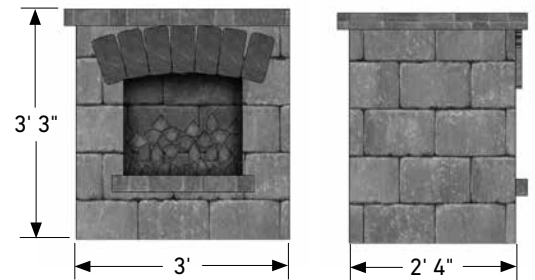
## WOOD BOXES (PAIR)

70580334

Colors: Weston Gascony Tan/  
Urbana Ashbury Haze

70580534

Colors: Weston Cotswold  
Mist/Urbana  
Brookstone Slate



## HEARTH

Rough Dimensions:  
2' D x 5' W x 11" H

Approximate Weight:  
1180 lbs.

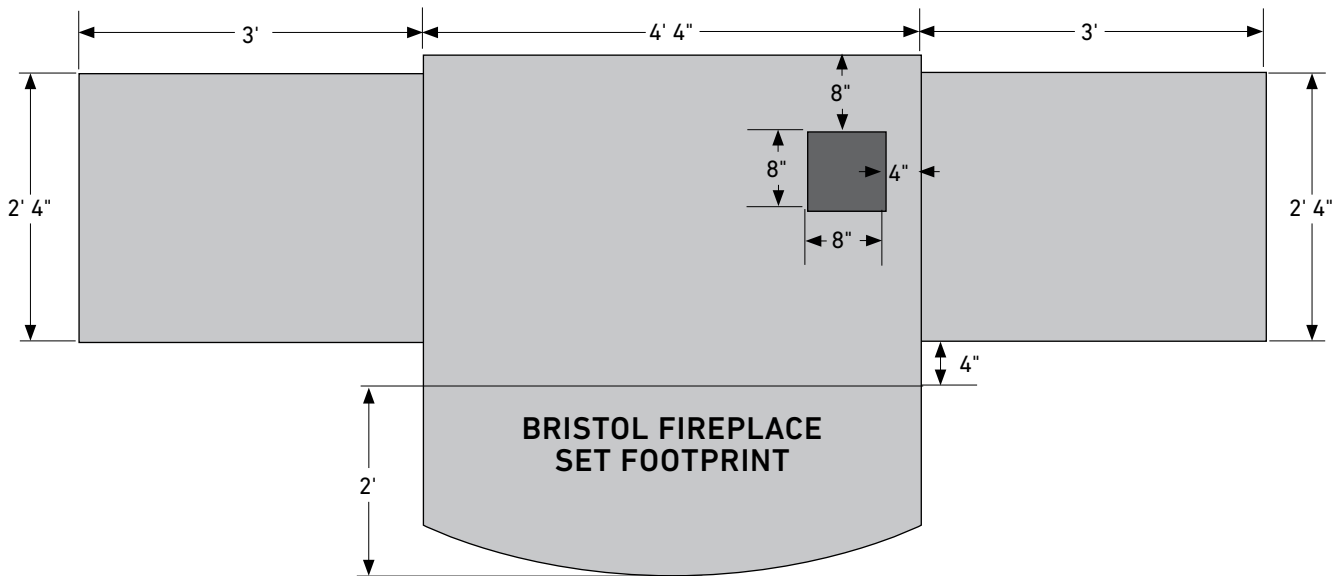
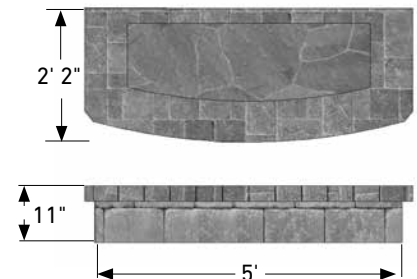
## ARCHED HEARTH

70580262

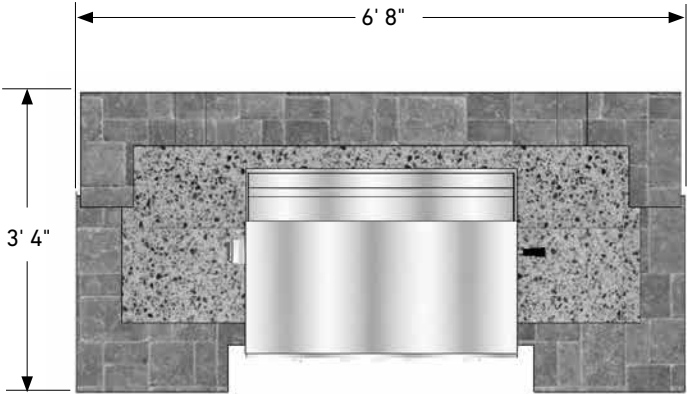
Colors: Weston Gascony Tan/  
Arbel Ashbury Haze

70580309

Colors: Weston Cotswold Mist/  
Arbel Brookstone Slate



# BRISTOL™ SERIES



## GRILL ISLAND

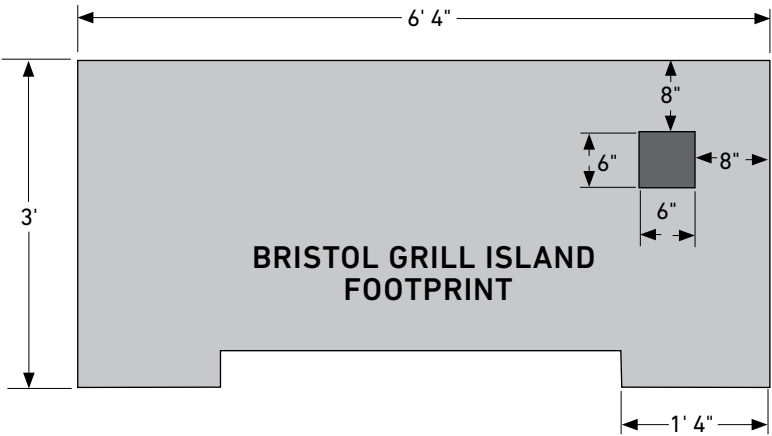
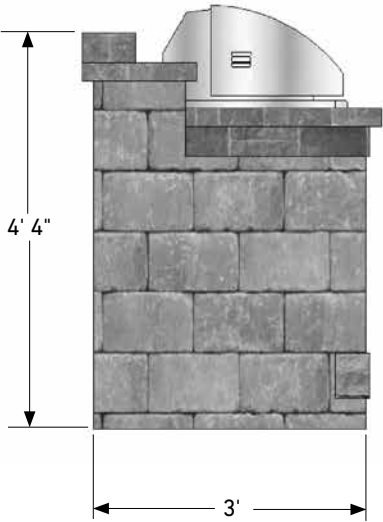
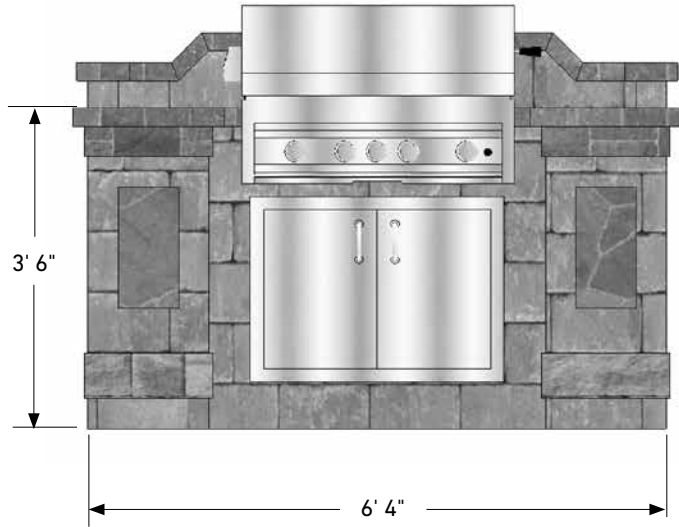
Rough Dimensions:  
3' D x 6' 8" W x 4' 4" H

Approximate Weight:  
3980 lbs.

## GRILL ISLAND

13110008  
Bristol Grill Island (NG)  
Colors: Weston Gascony Tan/  
Arbel Ashbury Haze + Stainless

11130250  
Bristol Grill Island (LP)  
Colors: Weston Gascony Tan/  
Arbel Ashbury Haze + Stainless



# WESTON STONE™ FIRE PIT KIT

HERITAGE  
COLLECTION **H**



Scan for additional  
product information

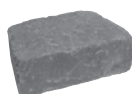
RESIDENTIAL	COMMERCIAL	STEPS	COLUMNS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
✓				✓			

## SHAPES & SIZES

### Fire Pit Kit



4 x 8 x 8



4 x 12 x 8



### Fire Ring

Outside is 4' 5" in diameter  
Stacks up to 3 rows high  
*Metal ring insert included*

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
------	-----------------	----------------	------------------	------------------	----------------	-----------------	-------------------

## FIRE PIT KIT

4 X 8 X 8	—	—	—	36	—	—	—
4 X 12 X 8	—	—	—	36	—	—	—
TOTAL	—	—	—	—	—	—	1632

## ITEM CODES

### WESTON STONE

COLOR	3-PIECE	FIRE RING
ASHBURY HAZE	16252986	NA
COTSWOLD MIST	16252987	NA
GASCONY TAN	16252988	NA
BLACK	NA	70583299

## FIRE PIT KITS INSTALLATION INSTRUCTIONS

- Always use in accordance with all applicable local and state fire codes
- Failure to follow these instructions could result in a hazardous fire causing property damage or physical injury
- Caution: For outdoor use only
- Use the fire ring on stone, dirt or sand surfaces
- For adult use only — do not allow children to use the fire ring
- Do not use on lawns, wooden decks, concrete or asphalt
- Do not use fire ring indoors or under a patio roof
- Do not use in windy conditions
- Do not leave fire unattended at any time
- Do not use under tree branches, trellis, or overhangs of any kind, including covered porches
- Do not use flammable liquids such as gasoline, alcohol, diesel fuel, kerosene, or charcoal lighter fluid to light or relight fires as this may also cause paint to flake off fire ring
- Care should be taken to make sure all combustible material is far enough away from the fire ring not to ignite it
- Avoid using softwoods such as pine or cedar because they are likely to throw sparks — hardwoods are recommended
- Keep children and pets away from the fire ring while it is in use
- Exercise the same precautions you would with any open fire
- Do not wear flammable or loose clothing when tending an open fire
- Avoid touching surfaces as they will be extremely hot
- Assure the fire is completely extinguished before leaving fire ring
- Any modifications to this appliance may be dangerous and are not permitted

### ADDITIONAL MATERIALS NEEDED

- Tamper
- Level
- 2 Bags of Leveling Sand
- 2 Tubes of Concrete Adhesive
- Caulk Gun
- 3 Bags of Gravel or Lava Rock
- Shovel
- Optional Marking Paint or Chalk

# ACCESSORIES

## ACCESSORIES

- 89 Anglia Edger®
- 91 Artforms™
- 93 Esplanade Caps
- 95 Granika Step®
- 96 Landings™ Step Unit
- 99 Marina™ Coping



Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
✓				

## SHAPES & SIZES

### Multi-Piece



5 1/4 x 7 5/8 x 8



5 1/4 x 10 x 8



5 1/4 x 15 5/8 x 8



5 1/4 x 17 3/4 x 8

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
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### MULTI-PIECE

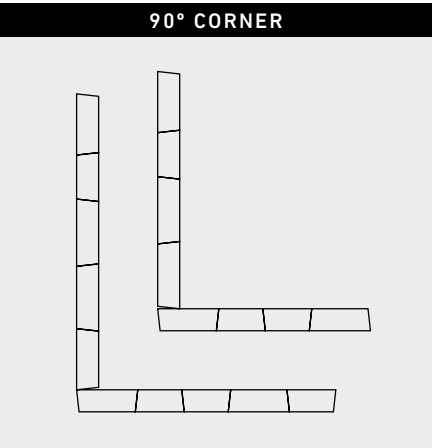
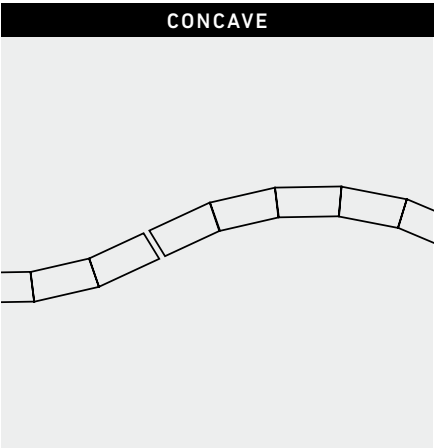
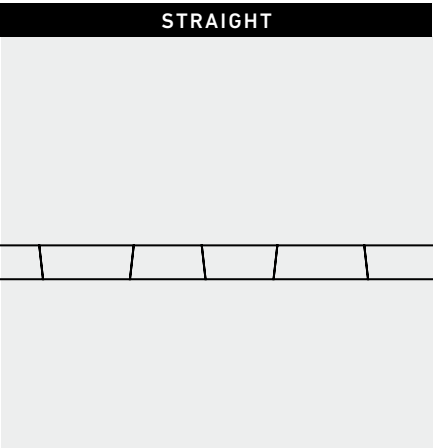
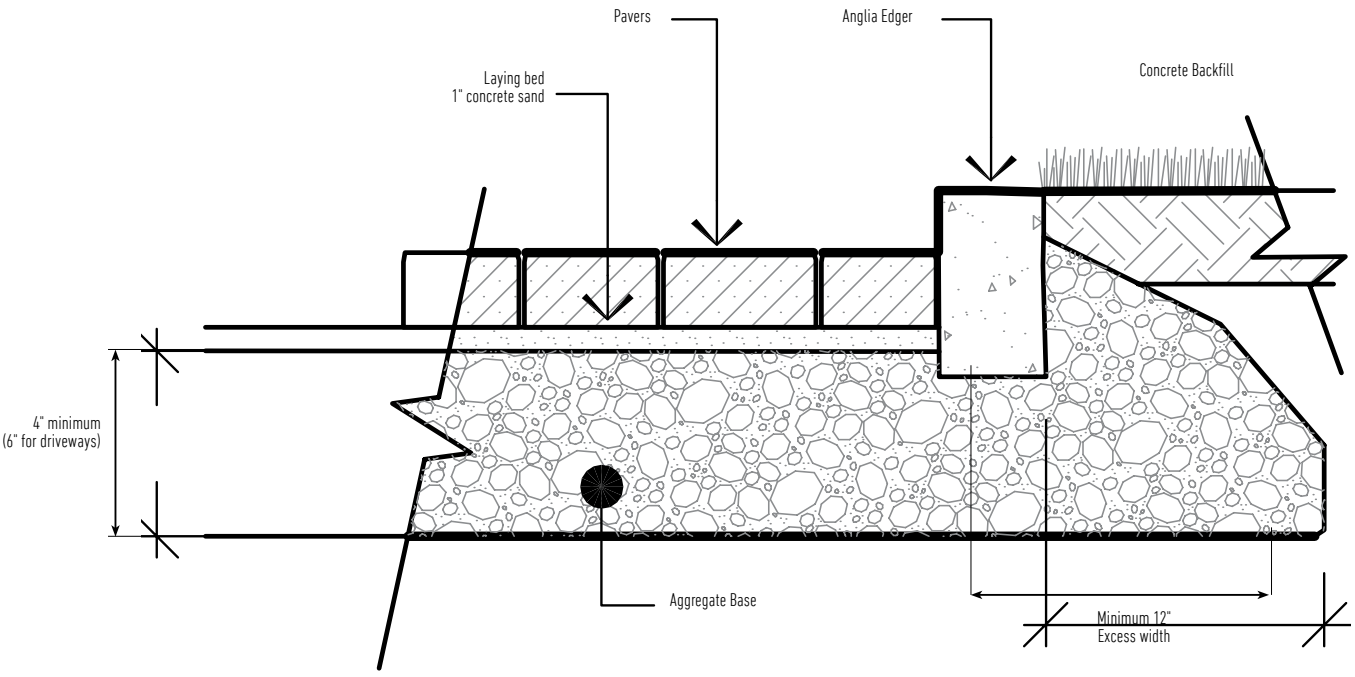
5 1/4 X 7 5/8 X 8	–	–	–	16	–	25	–
5 1/4 X 10 X 8	–	–	–	16	–	31	–
5 1/4 X 15 5/8 X 8	–	–	–	16	–	47	–
5 1/4 X 17 3/4 X 8	–	–	–	24	–	52	–
TOTAL	69.75 LF	–	3	120	–	–	2550

### ITEM CODES

#### MULTI-PIECE

COTSWOLD MIST	12050048
GASCONY TAN	12050047

# ANGLIA EDGER INSTALLATION INSTRUCTIONS





Scan for additional  
product information

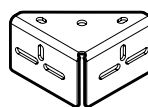
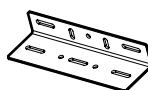
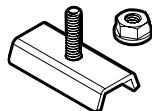
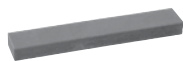
RESIDENTIAL	COMMERCIAL	STEPS	CAPS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
✓	✓		✓	✓	✓	✓	

## SHAPES & SIZES

18 x 36\*

6 x 36\*

Installation Hardware



18 x 36 x 3

6 x 36 x 3

Anchor  
Slide & Nut

Joining  
Plate

Outer  
Corner

Inner  
Corner

Stretcher

\*Pallets contain both open and closed ended units

50 per box

10 per box

10 per box

10 per box

10 in a bundle

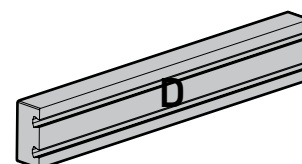
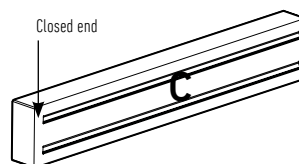
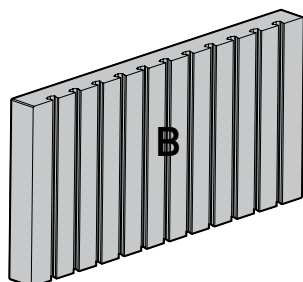
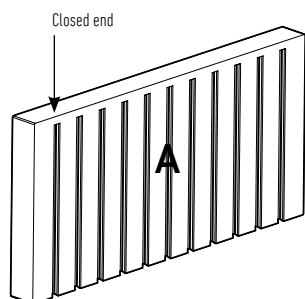
UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
18 x 36 x 3	81	9	9	18*	2	4.5	2711**
6 x 36 x 3	31.5	10.5	3	21*	7	1.5	1029

\*Total number of both open and closed end panels. 18 x 36 pallets contain 9 of each. 6 x 36 pallets contain 3 open end panels and 18 closed end panels

\*\*150lbs is the weight for the closed units, 148lbs is the weight for the open units.

18 X 36 X 3

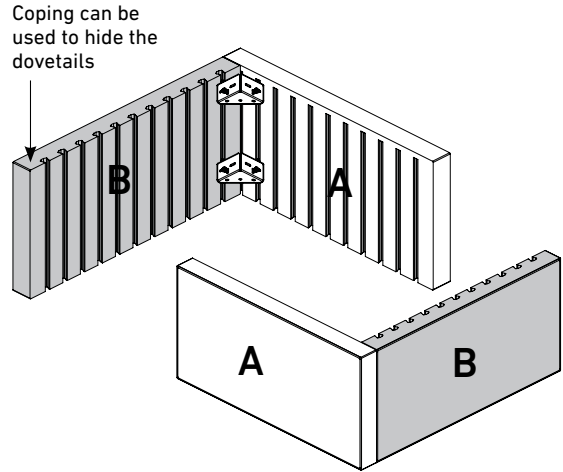
6 X 36 X 3



# PANEL CONFIGURATIONS

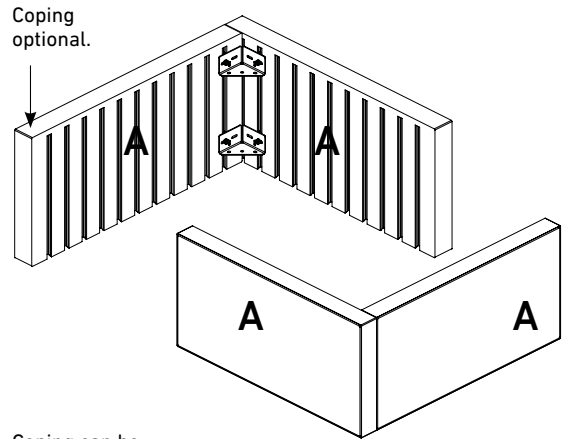
## IDEAL:

This configuration uses equal number of panel A and panel B.



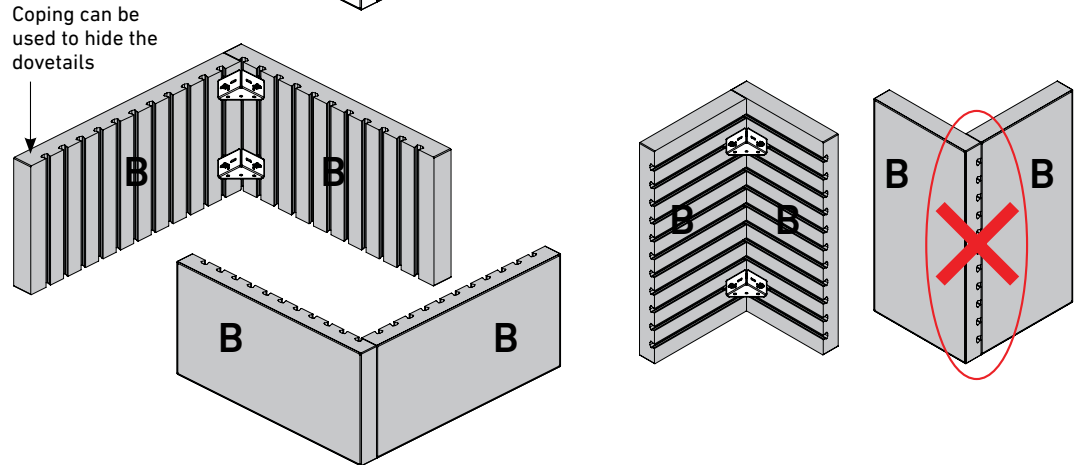
## NOT OPTIMAL:

This configuration uses panel A only.



## NOT RECOMMENDED:

This configuration uses panel B only and the dovetails are exposed. Use ideal configuration as shown above.



\*IMPORTANT: When planning configurations, consider the amount of panel A and panel B on a pallet. 18 x 36' panels are sold in pair/layer or in full pallet only. 6 x 36 panels are sold in layer or in full pallet only.

### ITEM CODES

#### HARDWARE

ANCHOR SLIDE	70971536
OUTER CORNER	70971535
INNER CORNER	70971533
JOINING PLATE	70971532
STRETCHER BAR	70971534

### ITEM CODES

#### 6 X 36

SCANDINA GRAY	10151338
ROCKLAND BLACK	10151424

### ITEM CODES

#### 18 X 36

SCANDINA GRAY	10151333
NA	NA

# ESPLANADE CAP

NATURAL  
COLLECTION



Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
✓			✓	✓

## SHAPES & SIZES

### Bullnose Coping



12 x 24 x 2<sup>3</sup>/<sub>8</sub>

### Textured Wall Coping



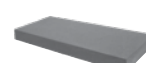
12 x 24 x 2<sup>3</sup>/<sub>8</sub>  
16 x 24 x 2<sup>3</sup>/<sub>8</sub>

### Textured Wall Coping End Cap



12 x 24 x 2<sup>3</sup>/<sub>8</sub>  
16 x 24 x 2<sup>3</sup>/<sub>8</sub>

### Smooth Wall Coping



14 x 24 x 2<sup>3</sup>/<sub>8</sub>

### Smooth Bullnose Coping



12 x 24 x 2<sup>3</sup>/<sub>8</sub>

### Weston Firepit Coping



39.5"  
Inside Diameter

(4 pieces needed to make a circle)

### Textured Column Cap



25 x 25 x 2<sup>3</sup>/<sub>8</sub>

## ITEM CODES

### TEXTURED BULLNOSE COPING

	12 X 24	16X 24	14X 24
LIMESTONE	16350065	NA	NA
SLATE GRAY	16350015	NA	NA

### TEXTURED WALL COPING

LIMESTONE	16350063	16350066	NA
SLATE GRAY	16350007	16350014	NA

### TEXTURED WALL COPING END CAP

LIMESTONE	16350064	16350067	NA
SLATE GRAY	16350008	16350013	NA

### SMOOTH WALL COPING

LIMESTONE	NA	NA	16350062
SLATE GRAY	NA	NA	16350012

## ITEM CODES

### SMOOTH BULLNOSE COPING

LIMESTONE	16350061
SLATE GRAY	16350006

### WESTON FIREPIT COPING

LIMESTONE	16350068
SLATE GRAY	16350016

### TEXTURED COLUMN CAP

LIMESTONE	16350031
SLATE GRAY	16350032

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
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## BULLNOSE COPING

12 X 24 X 2 <sup>3</sup> / <sub>8</sub>	–	–	–	48	–	59	2832
-----------------------------------------	---	---	---	----	---	----	------

## TEXTURED WALL COPING

12 X 24 X 2 <sup>3</sup> / <sub>8</sub>	–	–	–	48	–	59	2832
16 X 24 X 2 <sup>3</sup> / <sub>8</sub>	–	–	–	36	–	79	2844

## TEXTURED WALL COPING END CAP

12 X 24 X 2 <sup>3</sup> / <sub>8</sub>	–	–	–	48	–	59	2832
16 X 24 X 2 <sup>3</sup> / <sub>8</sub>	–	–	–	36	–	79	2844

## SMOOTH WALL COPING

12 X 24 X 2 <sup>3</sup> / <sub>8</sub>	–	–	–	48	–	59	2832
16 X 24 X 2 <sup>3</sup> / <sub>8</sub>	–	–	–	36	–	79	2844

## SMOOTH BULLNOSE COPING

12 X 24 X 2 <sup>3</sup> / <sub>8</sub>	–	–	–	48	–	59	2832
-----------------------------------------	---	---	---	----	---	----	------

## WESTON FIREPIT COPING






39.5" INSIDE DIAMETER	–	–	–	4	–	93	372
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## TEXTURED COLUMN CAP

25 X 25 X 2 <sup>3</sup> / <sub>8</sub>	–	–	–	16	–	122	1952
-----------------------------------------	---	---	---	----	---	-----	------



Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
				
✓	✓	✓		

## SHAPES & SIZES

### Step Unit



38 x 16 x 6

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
STEP UNIT							
38 X 16 X 6	–	–	–	8	–	2250	–

ITEM CODES	
STEP UNIT	
ASHBURY HAZE	16250559
COTSWOLD MIST	16250701

# LANDINGS™ STEP UNIT

NATURAL  
COLLECTION



Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
✓	✓	✓		

## SHAPES & SIZES

### Step Unit



48 x 18 x 6

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
STEP UNIT							
48 X 18 X 6	—	—	—	6	—	460	2760

### ITEM CODES

#### STEP UNIT

BOURBON	16203932
FOUNDRY	16203793
MIDNIGHT	16203931
MOONLIGHT	16201623
PEWTER	16053849



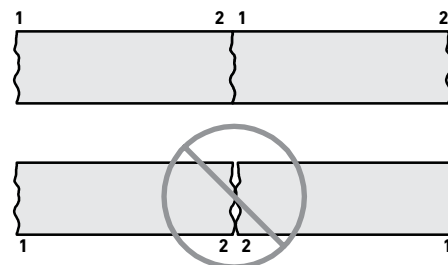
# LANDINGS™ STEP UNIT INSTALLATION

Each Landings™ Step Unit is manufactured with two unique face patterns. The step units are palletized and packaged for easy skid-steer loader removal. Care needs to be taken in handling these units. If a blemish occurs on one side of unit, rotate 180° before setting unit into place.

## BASE COURSE

Excavate an area 6 inches deep by 1 foot longer by 1 foot wider than the installed step(s) size. Add a minimum of 6 inches of compactable base material, 3/4-inch minus (with fines) aggregate. Compact and level. Set unit and, if desired, add a slight pitch of no more than 1/4 inch toward the front of the step to shed moisture. If installing step units next to a retaining wall, keep units level from front to back.

The Textures on Sides 1 and 2 are Designed to Nest with Minimal Gapping Between the Units.



Place Units so They Nest Tightly Together.



Two unique faces on each step

## STAIR TREAD

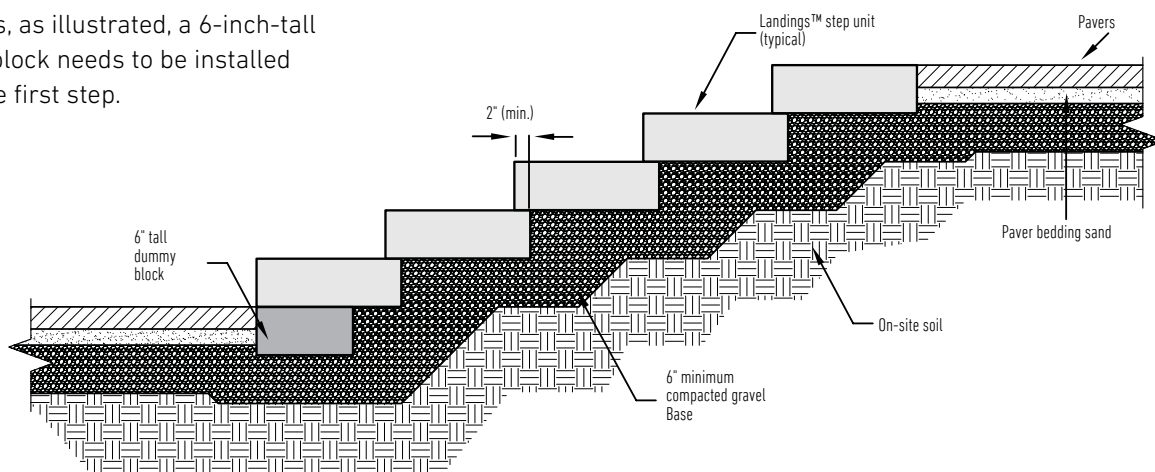
For each consecutive step, follow base course instructions, making sure the top of the base is even with the top of the previously installed unit. Recommended tread depth is a minimum of 10 inches, but no more than 16 inches. When installing steps adjacent to a finished surface such as pavers, as illustrated, a 6-inch-tall dummy block needs to be installed below the first step.

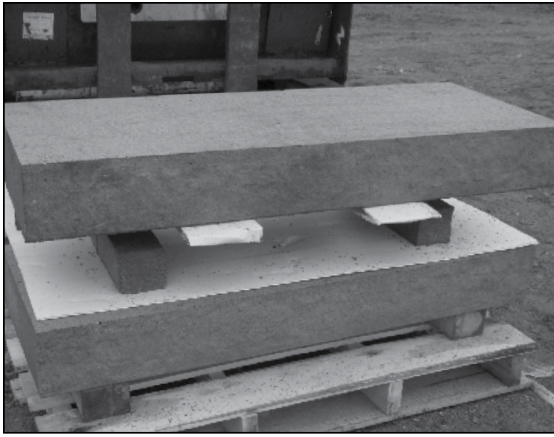
## LANDING

For landing(s) follow base course instructions. Each step unit is manufactured with two unique face patterns. The face patterns are manufactured to nest together, which will create a narrower joint, providing pleasing aesthetics.

## STEPS IN A 90-DEGREE WALL

When building into a retaining wall, construct the steps first and build the walls adjacent to the steps.



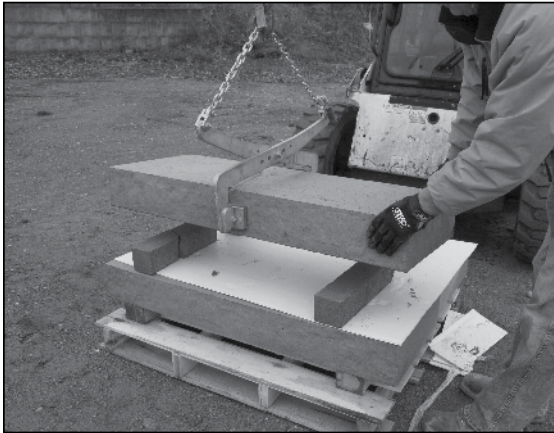


## SKID-STEER LOADER

Slide forks underneath the first step unit and lift off pallet. Set the step unit onto its desired location, using a spacer to ease in fork removal.



A helpful tip to protect the step unit is to wrap the fork of the skid-steer with corrugated plastic packaging from the pallet or other protective materials. Secure to the forks.



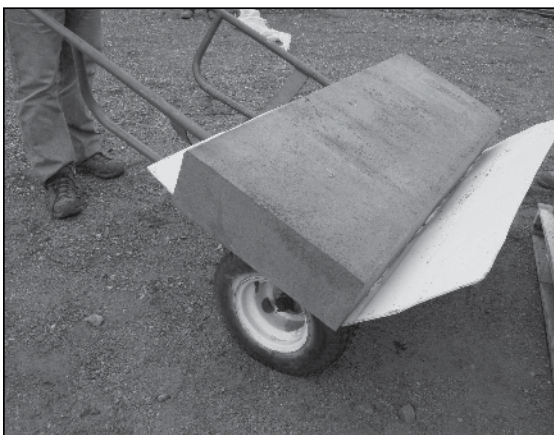
## CLAMP

Using a materials clamp, center the clamp on the step unit. Attach clamp to skid-steer or mini-excavator and slowly lift the step unit off of the pallet and move it into place. Be sure to have a second person to help guide the unit into place as the machine sets the step unit down.



## STRAPS

When using a heavy duty strap(s), start by wrapping the strap(s) around the center if using one or close to step unit ends if two straps are being used. Cinch the strap(s) tight and attach the looped ends of the strap(s) to skid-steer or mini-excavator. Slowly lift the step unit from the pallet and move it into place. Be sure to have a second person to help guide the unit into place as the machine sets the step unit down. Using a spacer will help to ease in the strap removal.








## CART

When using a cart, place provided corrugated plastic from pallet or other protective material onto the cart to help protect the step unit. With help from a second person, slowly slide the step unit from the pallet onto the cart. Maneuver the unit carefully into place.

Videos can be found on our YouTube channel:  
[www.youtube.com/anchorblockmn](http://www.youtube.com/anchorblockmn)

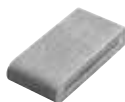


Scan for additional  
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
				
✓		✓	✓	✓

## SHAPES & SIZES

### 60mm



$5\frac{15}{16} \times 11\frac{13}{16} \times 2\frac{3}{8}$

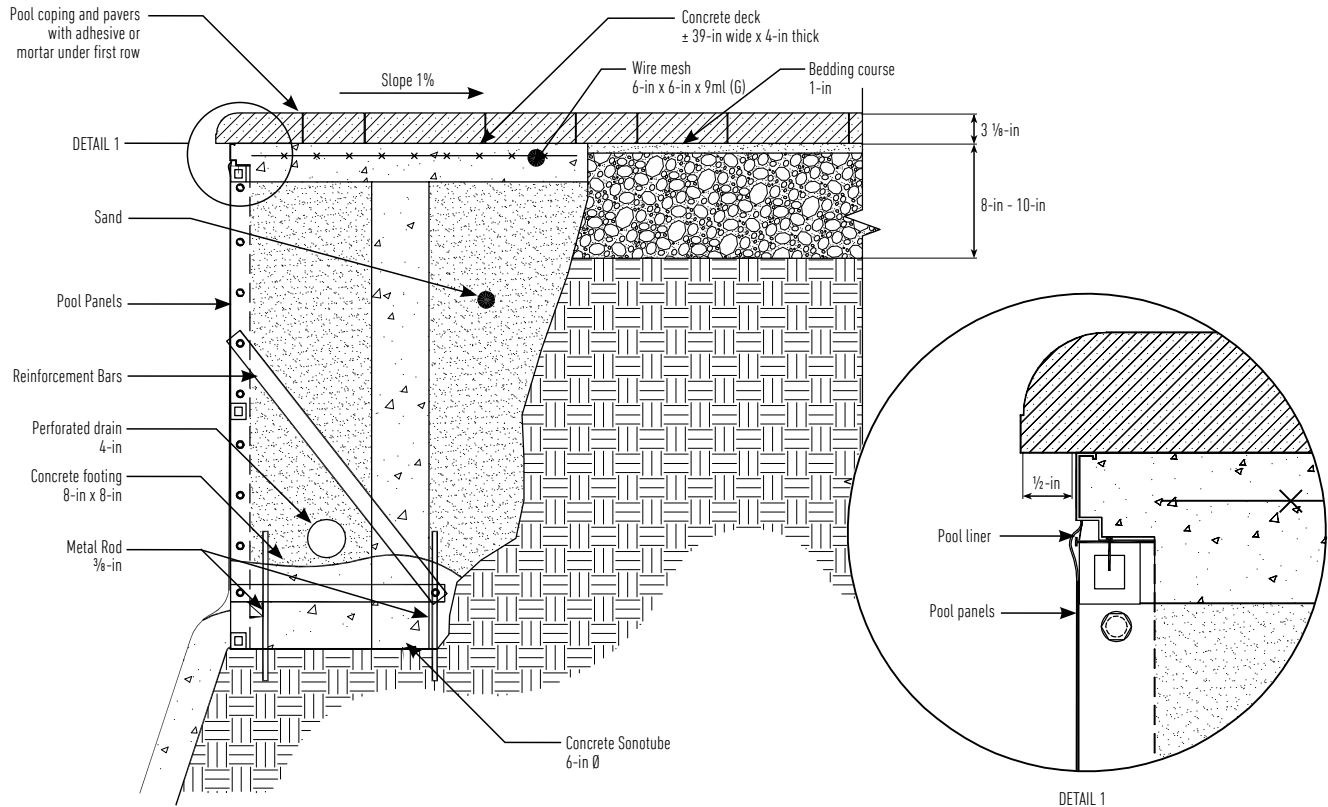
UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	SQFT/ UNITS	WEIGHT/ UNIT	WEIGHT/ PALLET
60mm							
$5\frac{15}{16} \times 11\frac{13}{16} \times 2\frac{3}{8}$	97.5 LF	2.5 LF	5	195	.5 LF	–	3608

### ITEM CODES

#### STANDARD

ASHBURY HAZE	10201693
BOURBON	10200767
COTSWOLD MIST	10201694
MIDNIGHT	10202020
MOONLIGHT	10200559

# MARINA COPING - POOL INSTALLATION

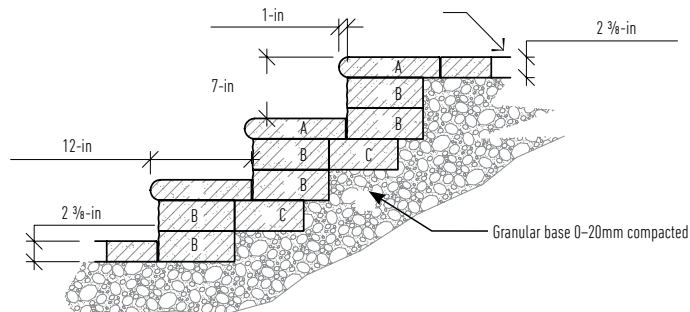


# MARINA COPING - STEP INSTALLATION

## OPTION 1

- A. Marina Coping
- B. Wall Block
- C. Grey block (4 in x 8 in x 16 in) or Wall Block

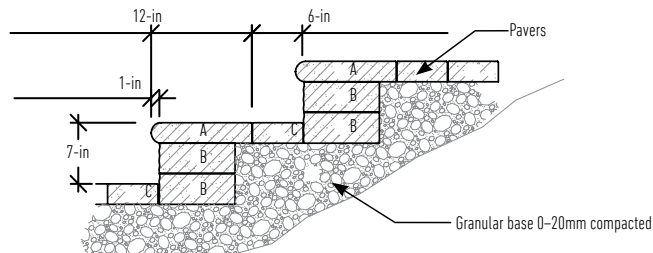
Note: All elements must be glued together with the concrete adhesive



## OPTION 2

- A. Marina Coping
- B. Wall Block

Note: A & B elements must be glued together with the concrete adhesive.



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THE WAY™

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