

BELGARD
PAVES THE WAY

RESOURCE GUIDE | SUPERLITE

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), The NCMA (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.

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

PAVER INSTALLATION GUIDE

4	Avalon Slate	21	Geometric Shapes
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13	Dimensions™ 18	29	Origins™ 6 & 12
15	Dimensions™ Accent	32	Origins™ 18
16	Dimensions™ Plank	34	Origins™ Accent
17	Dimensions™ Slab	35	Travertino
18	Dublin Cobble® & Circle Kit		






For basic paver installation information
visit icpi.org

AVALON SLATE

NATURAL
COLLECTION 

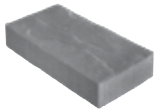


Scan for additional
product information

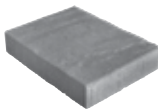
PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓	✓			✓

SHAPES & SIZES

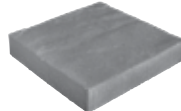
3-Piece Large | 60MM



6 x 12 x 2³/₈



9 x 12 x 2³/₈



12 x 12 x 2³/₈

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	SQFT/ UNIT	WEIGHT/ PALLET
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3-PIECE LARGE | 60MM

6 X 12 X 2 ³ / ₈	–	–	–	60	4	.5	–
9 X 12 X 2 ³ / ₈	–	–	–	40	2	.75	–
12 X 12 X 2 ³ / ₈	–	–	–	60	4	1	–
TOTAL	120	12	10	160	10	–	3240



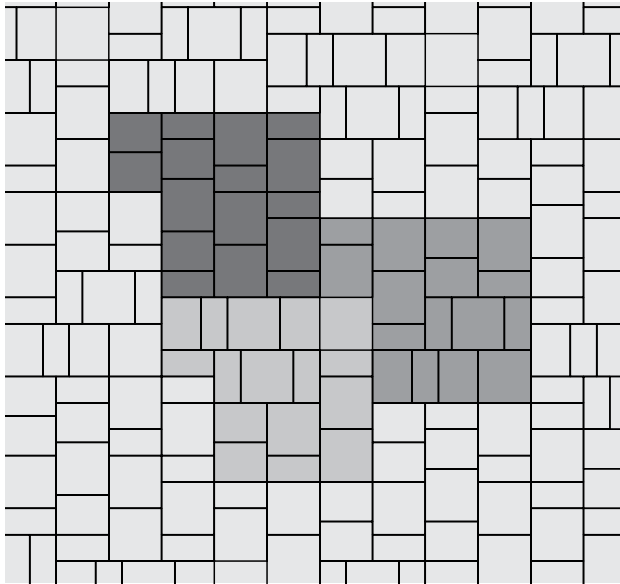
NOTES:

AutoCAD® hatch pattern files can be downloaded from belgard.com for use in architectural drawings.

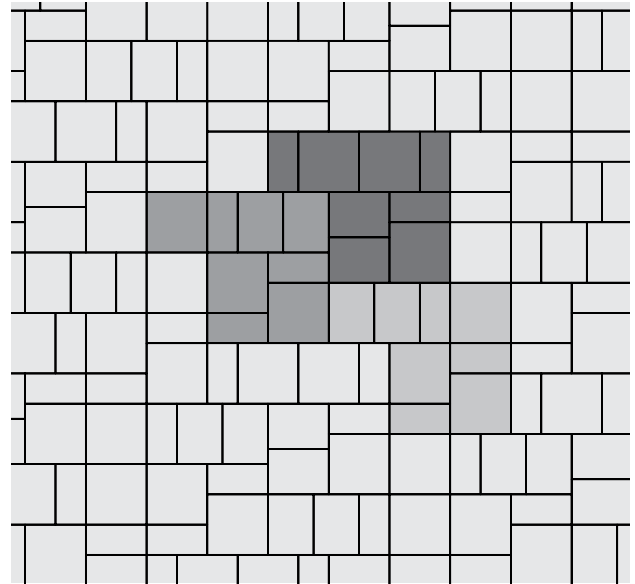
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Percentages are estimated based on area by paver.

3-PIECE PATTERN A



3-PIECE PATTERN B








CAMBRIDGE COBBLE® & CIRCLE KIT

HERITAGE
COLLECTION 



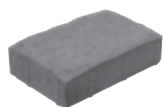
Scan for additional
product information

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

*Heavy traffic requires 80mm product, special order. Not available in circle kit.

SHAPES & SIZES

Rectangle | 60MM

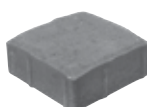


6 x 9 x 2³/₈

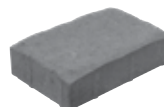
3-Piece | 60MM



6 x 3 x 2³/₈



6 x 6 x 2³/₈



6 x 9 x 2³/₈

Circle Kit | 60MM



6 x variable x 2³/₈

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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RECTANGLE | 60MM

6 X 9 X 2 ³ / ₈	112	11.2	10	300	30	2.67	2993
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3-PIECE | 60MM

6 X 3 X 2 ³ / ₈	15	1.5	–	120	–	8	–
6 X 6 X 2 ³ / ₈	30	3	–	120	–	4	–
6 X 9 X 2 ³ / ₈	67	6.7	–	180	–	4	–
TOTAL	112	11.2	10	420	–	–	2871

CIRCLE KIT | 60MM

6 X VARIABLE X 2 ³ / ₈	78.5	–	9	378	42	–	1546
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NOTES:

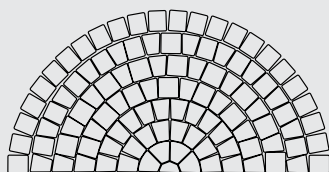
AutoCAD® hatch pattern files can be downloaded from belgard.com for use in architectural drawings

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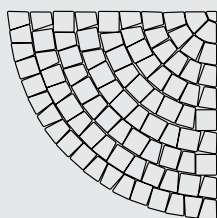
Percentages are based on area by paver.

Installation Guidelines

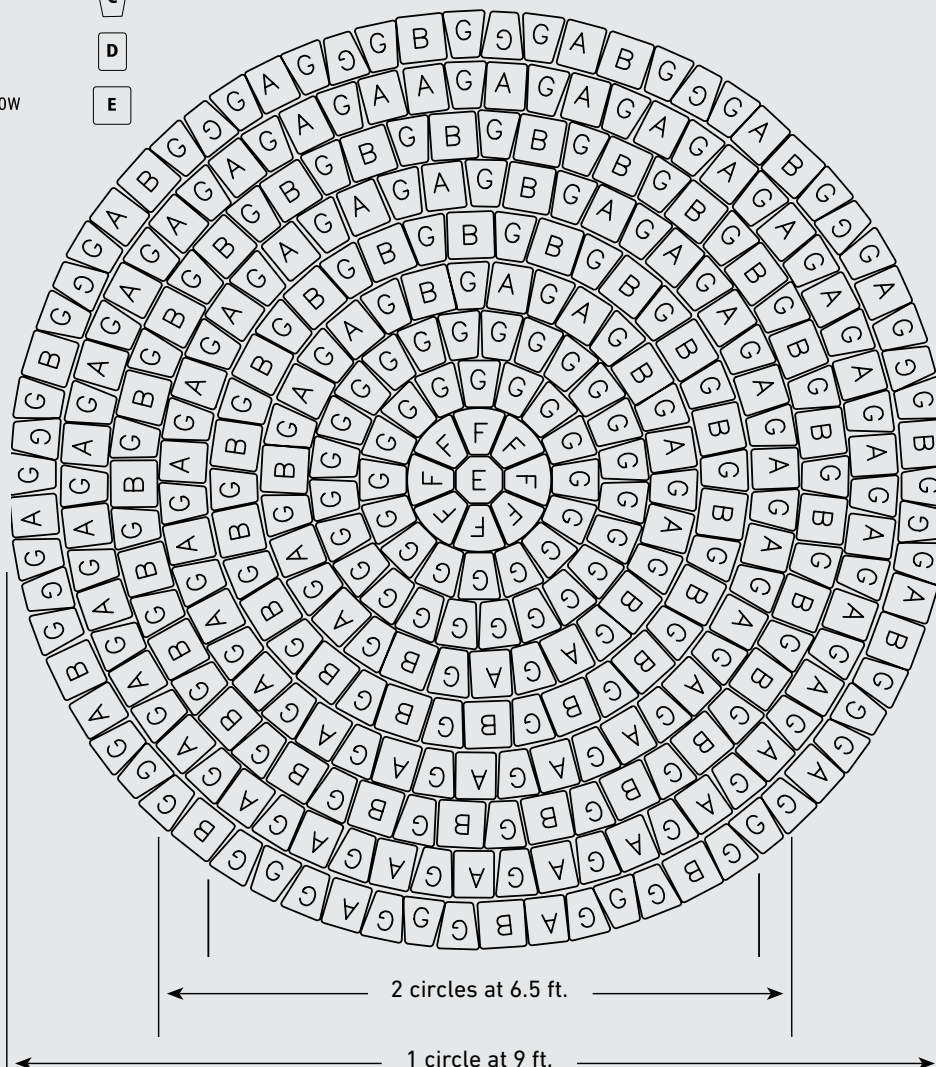
- 1) Start by marking out circles on the surface to be paved.
- 2) Determine the dimensions of each concentric circle, as well as the layout details.
- 3) Always lay pavers starting from the center.
- 4) For a semicircle or quarter circle, follow the same laying order.



Half Circle








Quarter Round





Scan for additional
product information

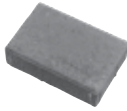
PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓	✓			✓

SHAPES & SIZES

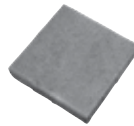
3-Piece



6 x 12 x 2³/₈



9 x 12 x 2³/₈



12 x 12 x 2³/₈

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

6 X 12 X 2 ³ / ₈	30	3	–	60	6	.5	–
9 X 12 X 2 ³ / ₈	30	3	–	40	4	.75	–
12 X 12 X 2 ³ / ₈	60	6	–	60	6	1	–
TOTAL	120	12	10	160	16	–	3240

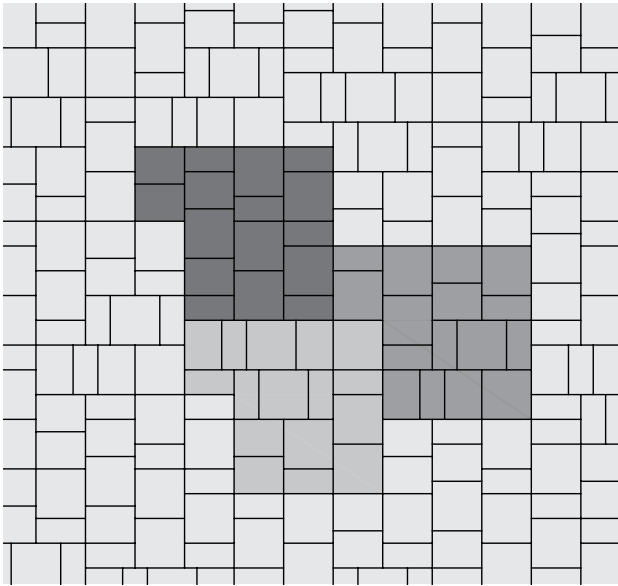
NOTES:

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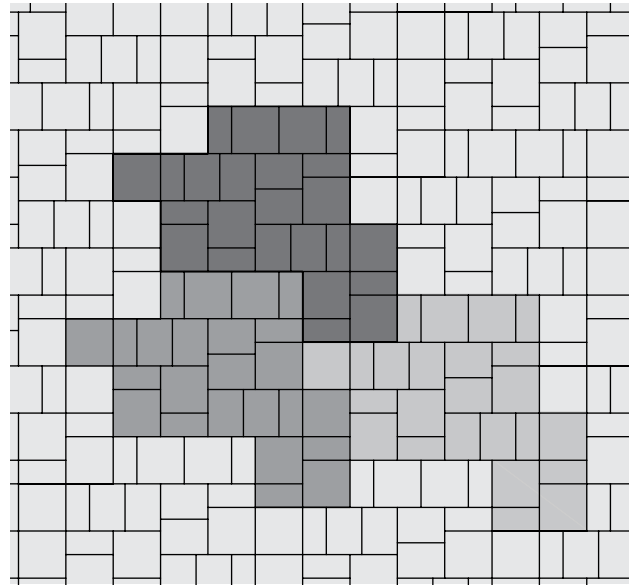
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3-PIECE PATTERN A



3-PIECE PATTERN B








DIMENSIONS™ 6 & 12

METROPOLITAN
COLLECTION 



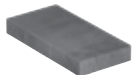
Scan for additional
product information

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

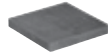
30mm can be installed in a driveway as an overlay using Techniseal® DriBond. *30mm only available in Dimensions 6

SHAPES & SIZES

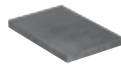
Dimensions 6 | 3-Piece | 30mm*



3 x 6 x 1³/₁₆

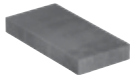


6 x 6 x 1³/₁₆

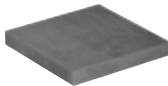


6 x 9 x 1³/₁₆

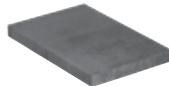
Dimensions 6 | 3-Piece | 60mm



3 x 6 x 2³/₈

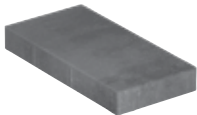


6 x 6 x 2³/₈

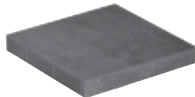


6 x 9 x 2³/₈

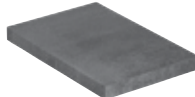
Dimensions 12 | 3-Piece | 60mm



6 x 12 x 2³/₈



12 x 12 x 2³/₈



12 x 18 x 2³/₈

DIMENSIONS™ 6 & 12

METROPOLITAN
COLLECTION 

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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DIMENSIONS 6 | 3-PIECE | 30MM

3 X 6 X 1 ³ / ₁₆	20	–	–	160	–	–	–
6 X 6 X 1 ³ / ₁₆	40	–	–	160	–	–	–
6 X 9 X 1 ³ / ₁₆	60	–	–	160	–	–	–
TOTAL	120	12	10	480	–	–	1519

DIMENSIONS 6 | 3-PIECE | 60MM

3 X 6 X 2 ³ / ₈	20	2	–	160	–	–	538
6 X 6 X 2 ³ / ₈	40	4	–	160	–	–	1076.4
6 X 9 X 2 ³ / ₈	60	6	–	160	–	–	1614.6
TOTAL	120	12	10	480	–	–	3230

DIMENSIONS 12 | 3-PIECE | 60MM

6 X 12 X 2 ³ / ₈	20	2	–	40	–	–	530
12 X 12 X 2 ³ / ₈	40	4	–	40	–	–	1060
12 X 18 X 2 ³ / ₈	60	6	–	40	–	–	1590
TOTAL	120	12	10	120	–	–	3180

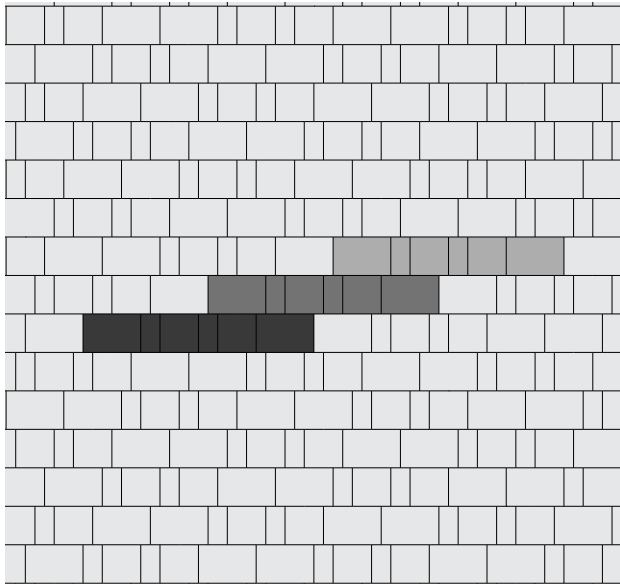
NOTES:

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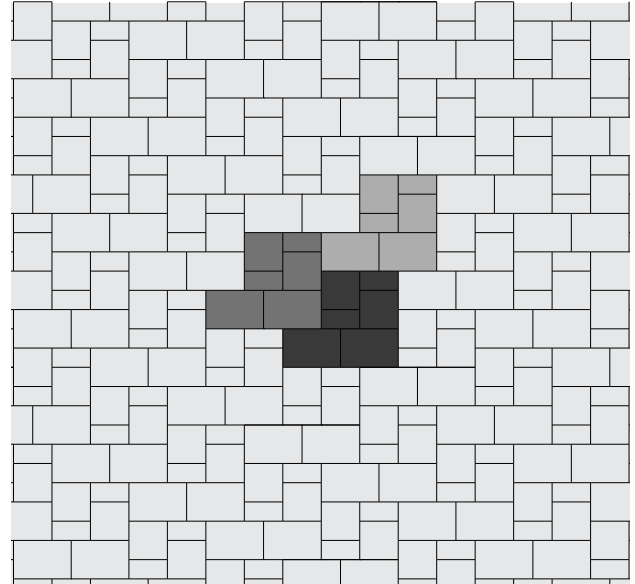
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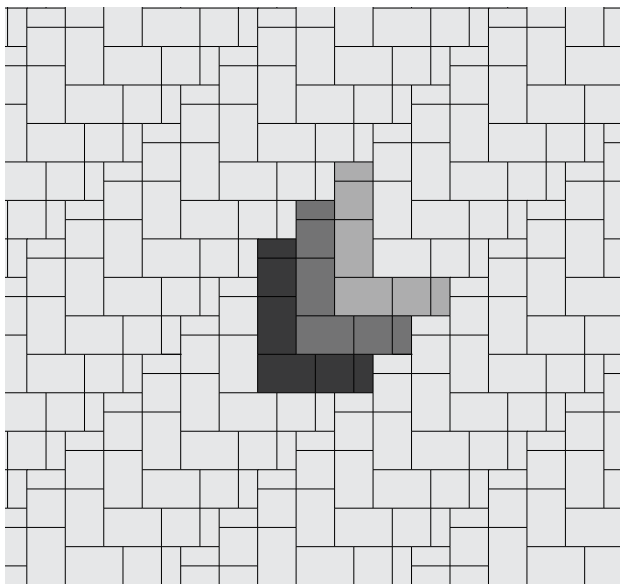
3-PIECE PATTERN A



3-PIECE PATTERN B








3-PIECE PATTERN C



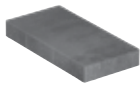


Scan for additional
product information

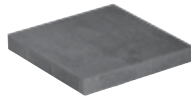
PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓				✓

SHAPES & SIZES

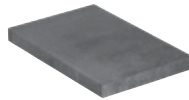
Dimensions 18 | 3-Piece | 60mm



9 x 18 x 2³/₈



18 x 18 x 2³/₈



27 x 18 x 2³/₈

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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DIMENSIONS 18 | 3-PIECE | 60MM

9 X 18 X 2 ³ / ₈	22.5	2.25	–	20	–	–	627.4
18 X 18 X 2 ³ / ₈	22.5	2.25	–	10	–	–	286
27 X 18 X 2 ³ / ₈	67.5	6.75	–	20	–	–	1894
TOTAL	112.5	11.25	10	50	–	–	3152

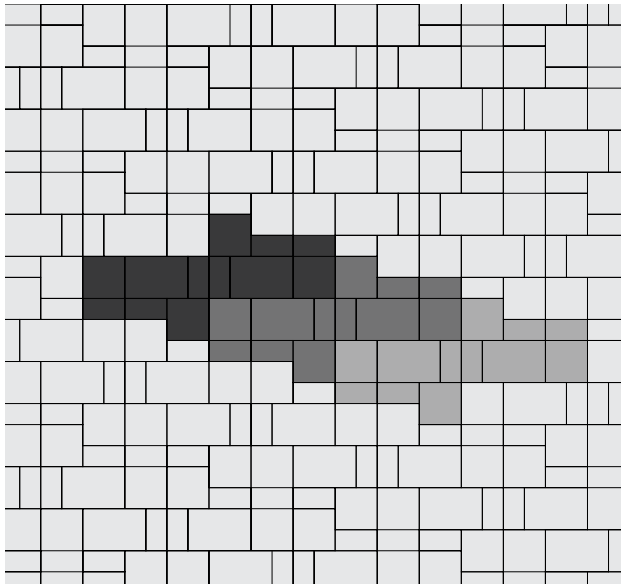
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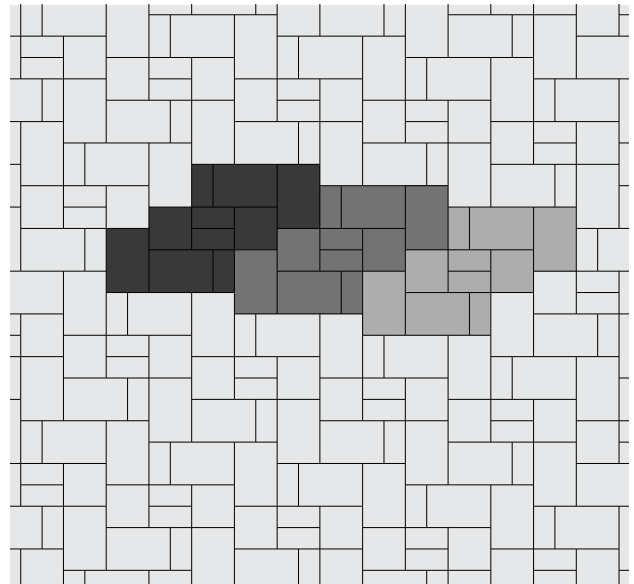
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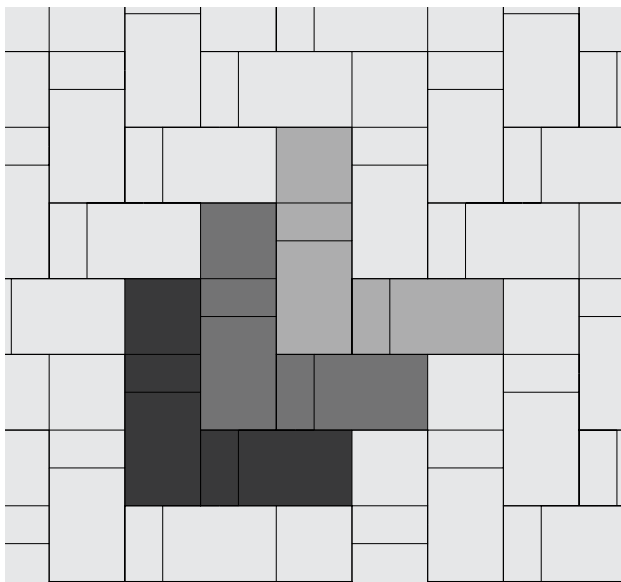
3-PIECE LARGE PATTERN A



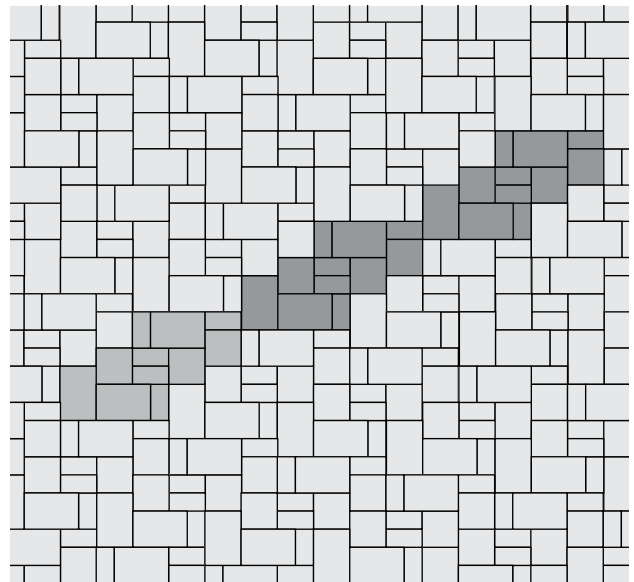
3-PIECE LARGE PATTERN B



3-PIECE LARGE PATTERN C



3-PIECE LARGE PATTERN D








DIMENSIONS™ ACCENT

METROPOLITAN
COLLECTION 

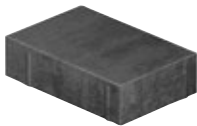


Scan for additional
product information

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

SHAPES & SIZES

6 x 9 | 60MM



6 x 9 x 2³/₈






UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
6 X 9 60MM							
6 X 9 X 2³/₈	112.5	12	10	300	-	-	3296

DIMENSIONS™ PLANK

METROPOLITAN
COLLECTION 



Scan for additional
product information

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

SHAPES & SIZES

3 x 12 | 80MM



3 x 12 x 3/8






UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
3 X 12 80MM							
3 X 12 X 3/8	44	11	4	176	-	-	1536

DIMENSIONS™ SLAB

METROPOLITAN
COLLECTION 



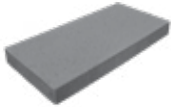
Scan for additional
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓				✓

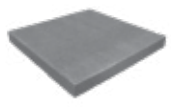
SHAPES & SIZES

12 x 24 | 60MM

24 x 24 | 60MM



12 x 24 x 2³/₈



24 x 24 x 2³/₈

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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12 X 24 | 60MM

12 X 24 X 2 ³ / ₈	120	12	10	60	6	0.5	3230
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24 X 24 | 60MM






24 X 24 X 2 ³ / ₈	80	8	10	20	2	0.25	2170
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DUBLIN COBBLE® & CIRCLE KIT

HERITAGE
COLLECTION 



Scan for additional
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓	✓			

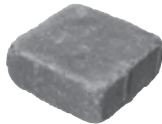
Palletization of sizes varies when tumbled.

SHAPES & SIZES

3-Piece | 60MM



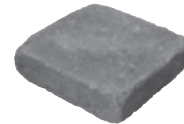
3 x 6 x 2³/₈



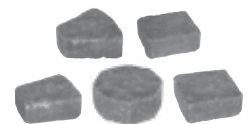
6 x 6 x 2³/₈



6 x 9 x 2³/₈



9 x 9 x 2³/₈



6 x Variable x 2³/₈

Large Square | 60MM

Circle Kit | 60MM

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

3-PIECE | 60MM

3 X 6 X 2 ³ / ₈	—	—	—	—	—	—	—
6 X 6 X 2 ³ / ₈	—	—	—	—	—	—	—
6 X 9 X 2 ³ / ₈	—	—	—	—	—	—	—
TOTAL	114	11.4	10	200	—	—	3068

LARGE SQUARE | 60MM

9 X 9 X 2 ³ / ₈	106	10.6	10	200	20	—	2892
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CIRCLE KIT | 60MM

6 X VARIABLE X 2 ³ / ₈	84	—	10	—	—	—	2276
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Makes 1, 9 foot or 2, 6.5 circles per pallet.

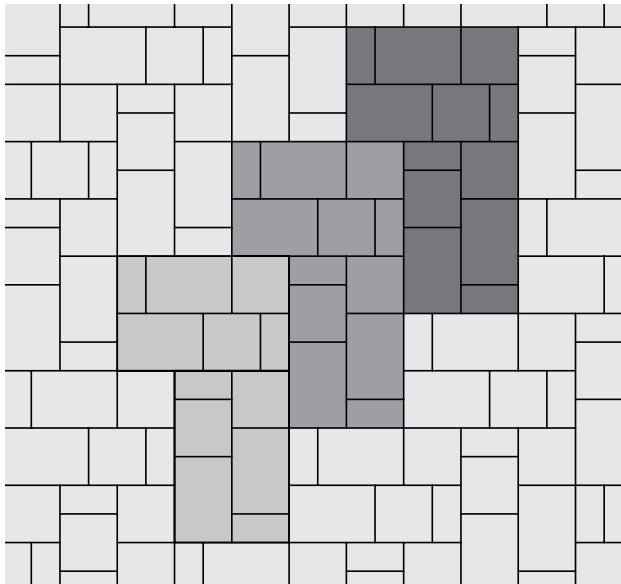
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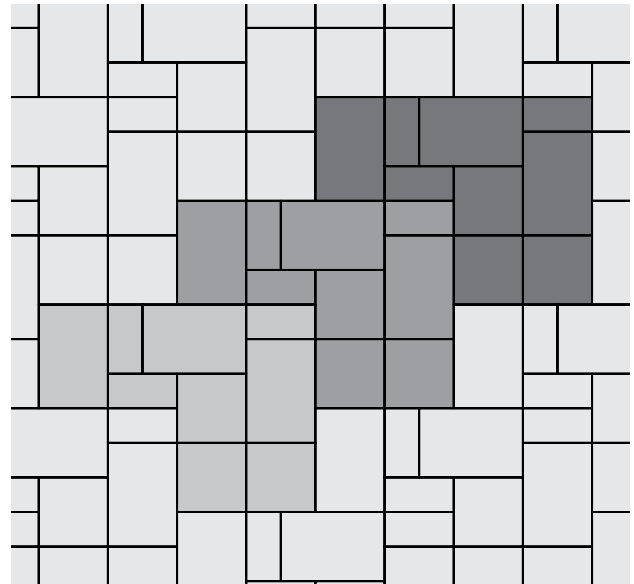
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Percentages are estimated based on area by paver.

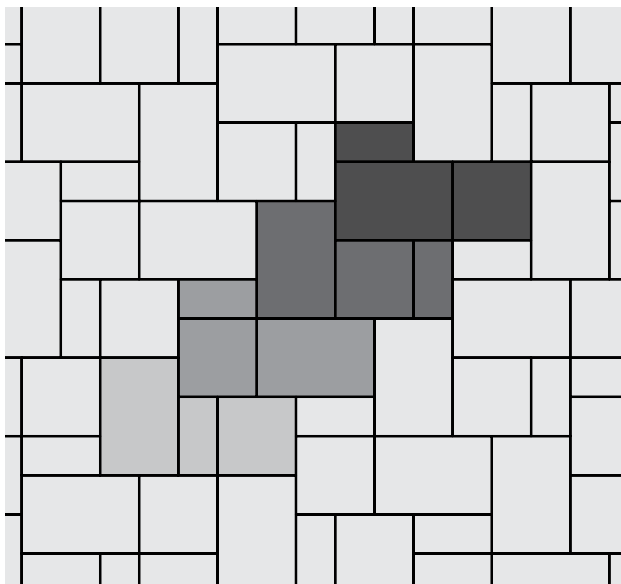
3-PIECE PATTERN A



3-PIECE PATTERN B



3-PIECE PATTERN C



NOTES:

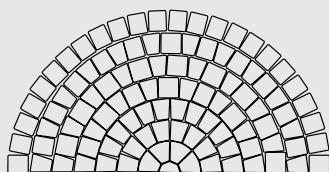
AutoCAD® hatch pattern files can be downloaded from belgard.com for use in architectural drawings

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.

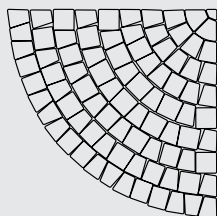
Percentages are based on area by paver.

Installation Guidelines

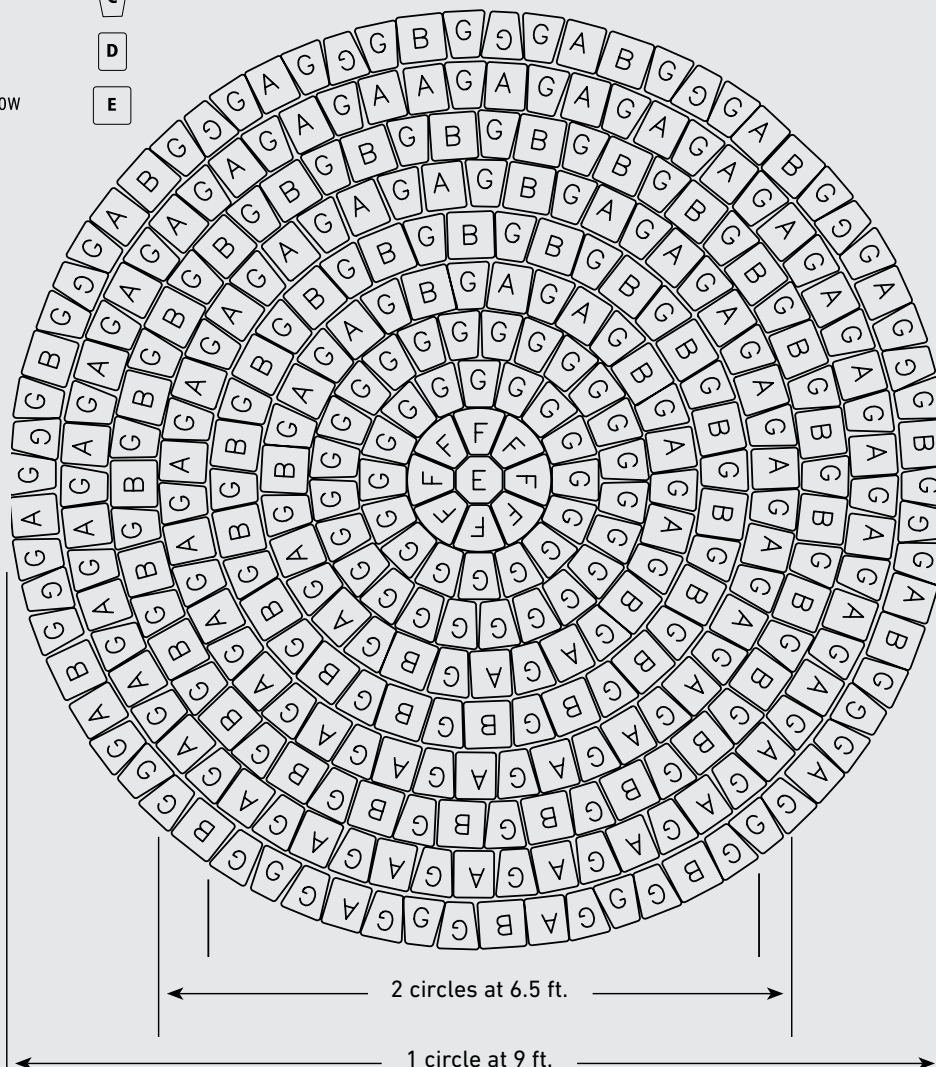
- 1) Start by marking out circles on the surface to be paved.
- 2) Determine the dimensions of each concentric circle, as well as the layout details.
- 3) Always lay pavers starting from the center.
- 4) For a semicircle or quarter circle, follow the same laying order.



Half Circle



Quarter Round








GEOMETRIC SHAPES


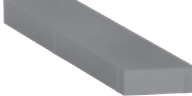
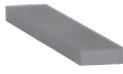

METROPOLITAN
COLLECTION 



Scan for additional
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓				✓

SHAPES & SIZES

Hexagon 60mm	Large Parallelogram 60mm	Small Parallelogram 60mm	Diamond 60mm
			
12 x 12 x 2 ³ / ₈	6 x 18 x 2 ³ / ₈	3 x 12 x 2 ³ / ₈	12 x 12 x 2 ³ / ₈
Palletized with equal quantities of left and right.			

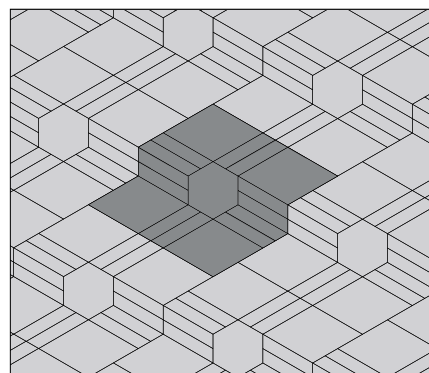
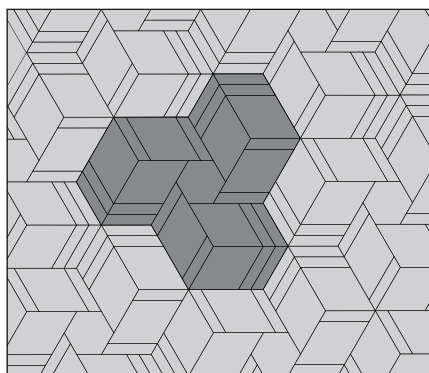
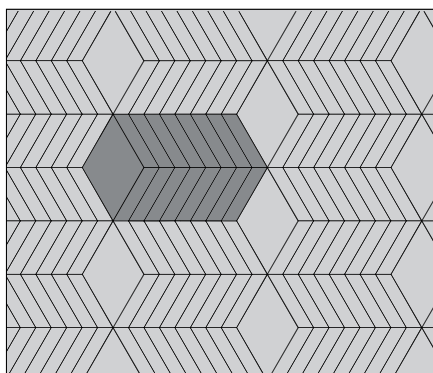
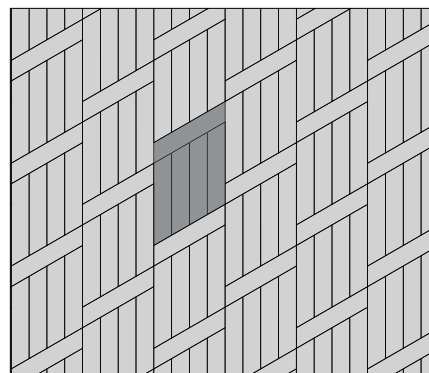
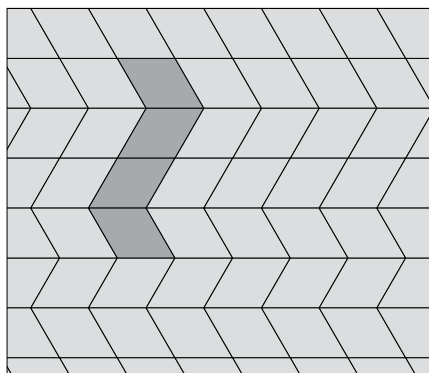
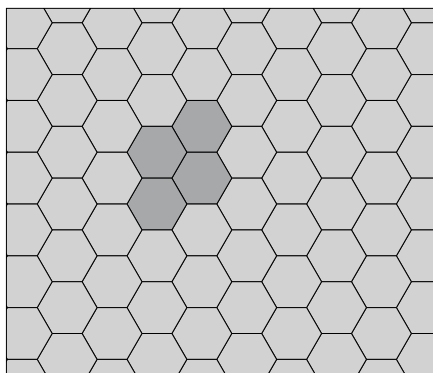
UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
HEXAGON 60MM							
12 X 12 X 2 ³ / ₈	100.02	9.09	11	154	14	–	2845
LARGE PARALLELOGRAM 60MM							
6 X 18 X 2 ³ / ₈	114.31	10.39	11	176	16	–	3225
SMALL PARALLELOGRAM 60MM							
3 X 12 X 2 ³ / ₈	85.73	7.79	11	396	36	–	2392
DIAMOND 60MM							
12 X 12 X 2 ³ / ₈	93.53	7.79	12	108	9	–	2664

NOTES:

AutoCAD® hatch pattern files can be downloaded from belgard.com for use in architectural drawings






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Percentages are based on area by paver.





Scan for additional
product information

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

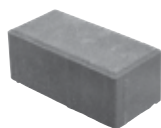
SHAPES & SIZES

60mm



4 x 8 x 2³/₈

80mm*



4 x 8 x 3¹/₈

**80mm Special Order*

Can be tumbled upon request. Allow for lead time. Contact your local Belgard® representative for more information.

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
60MM							
4 X 8 X 2 ³ / ₈	120	12	10	540	–	–	3202
80MM*							
4 X 8 X 3 ¹ / ₈	96	12	8	432	48	4.5	3436

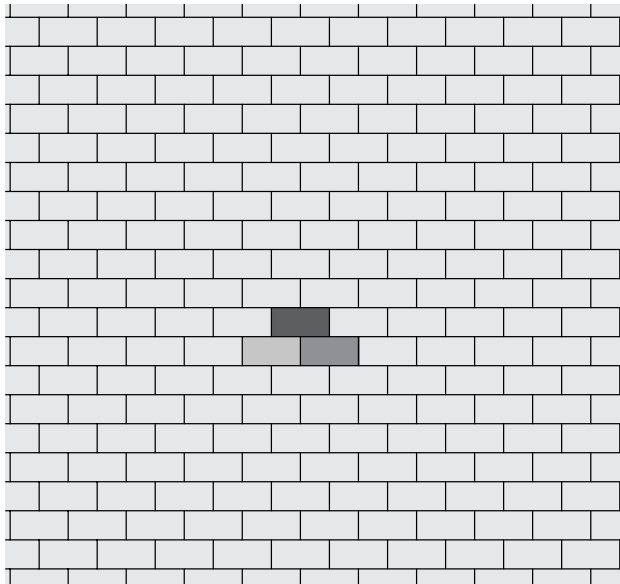
NOTES:

AutoCAD® hatch pattern files can be downloaded from belgard.com for use in architectural drawings.

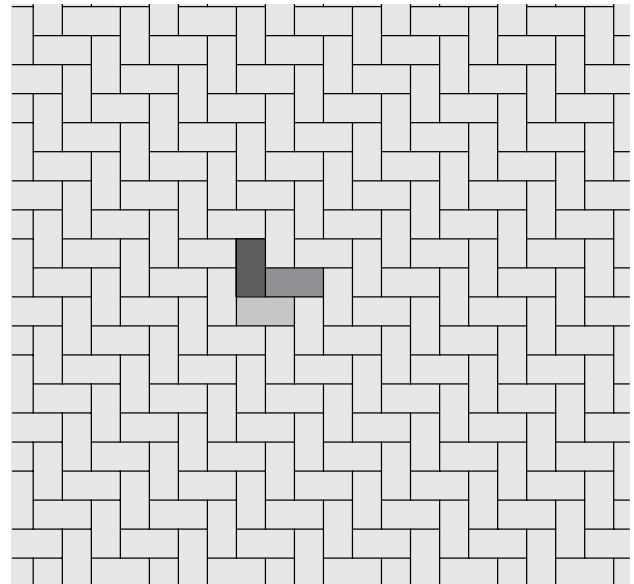
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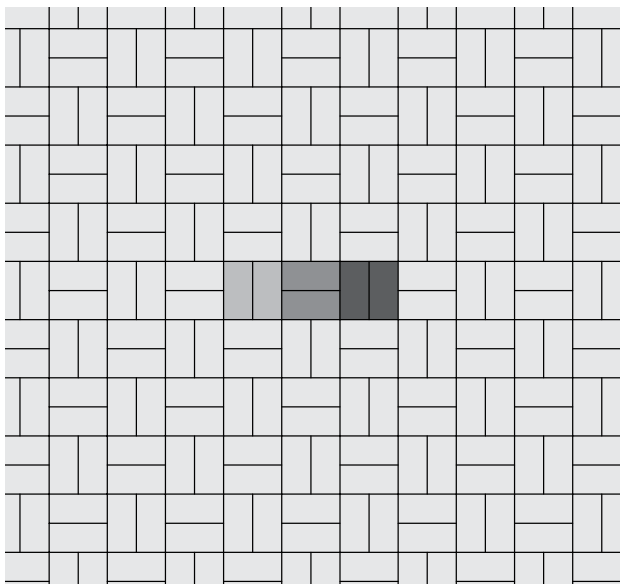
1-PIECE RUNNING BOND PATTERN



1-PIECE HERRINGBONE PATTERN



1-PIECE BASKET WEAVE PATTERN








MEGA-ARBEL® PATIO SLAB

NATURAL
COLLECTION



Scan for additional
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓				

SHAPES & SIZES

60mm



15³/₈ x 21 x 2³/₈

60mm product is not recommended for driveway or other vehicular applications. Mega-Arbel 80mm available upon request. Contact your Belgard representative for pricing and lead times.

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
60MM							
15 ³ / ₈ X 21 X 2 ³ / ₈	104.4	8.7	12	72	6	–	2766

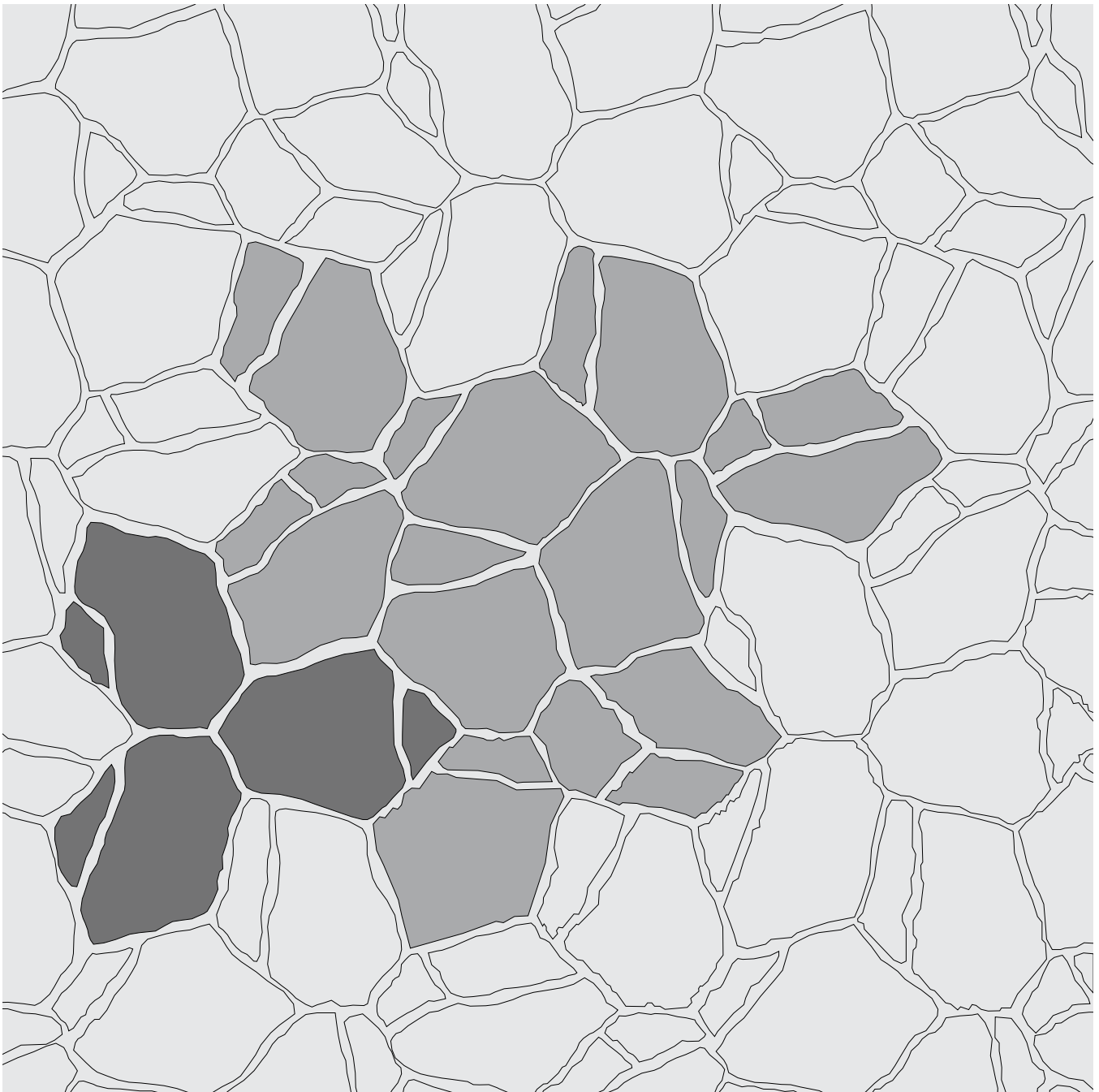


NOTES:

AutoCAD® hatch pattern files can be downloaded from belgard.com for use in architectural drawings






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Percentages are based on area by paver.





Scan for additional
product information

PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓				✓

SHAPES & SIZES

3-Piece Large | 60mm



7 1/2 X 11 13/16 X 2 3/8

7 1/2 X 15 3/4 X 2 3/8

7 1/2 X 19 11/16 X 2 3/8

5 X 11 13/16 X 2 3/8

5 X 15 3/4 X 2 3/8

5 X 19 11/16 X 2 3/8

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

3-PIECE LARGE | 60MM

7 1/2 X 11 13/16 X 2 3/8	30	3	–	50	–	–	–
7 1/2 X 15 3/4 X 2 3/8	41	4.1	–	50	–	–	–
7 1/2 X 19 11/16 X 2 3/8	51.5	5.2	–	50	–	–	–
TOTAL	122.7	12.27	10	150	15	–	3334

3-PIECE SLIM | 60MM

5 X 11 13/16 X 2 3/8	28.5	2.8	–	70	–	–	787.5
5 X 15 3/4 X 2 3/8	37.5	3.8	–	70	–	–	1071
5 X 19 11/16 X 2 3/8	48.5	4.9	–	70	–	–	1291.5
TOTAL	114.5	11.5	10	210	–	–	3111

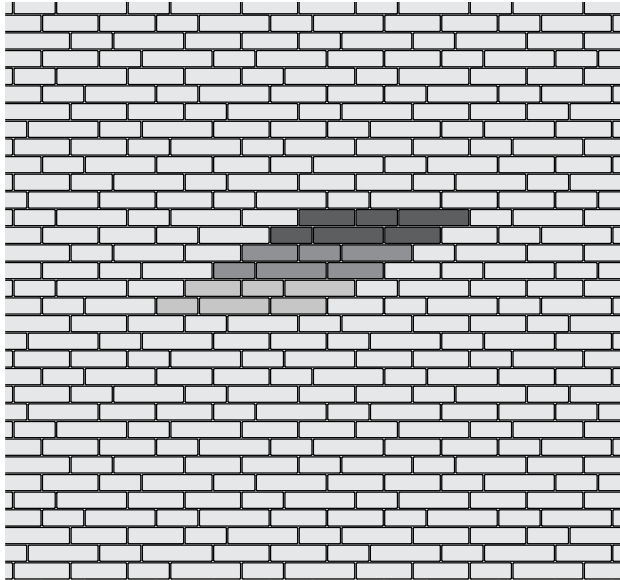
NOTES:

AutoCAD® hatch pattern files can be downloaded from belgard.com for use in architectural drawings.

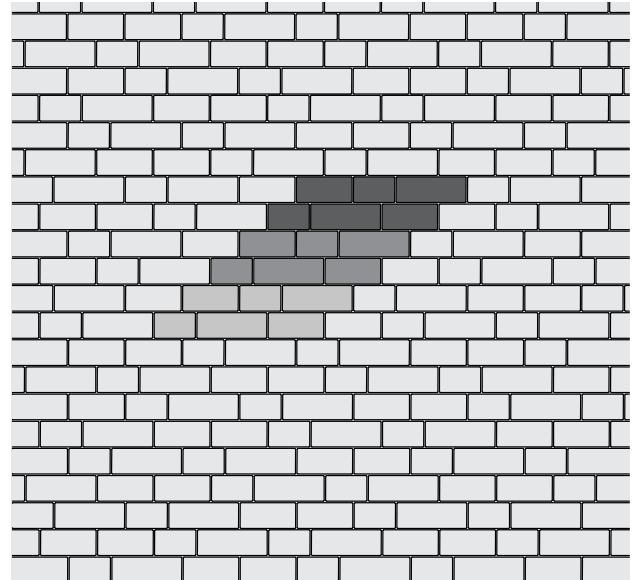
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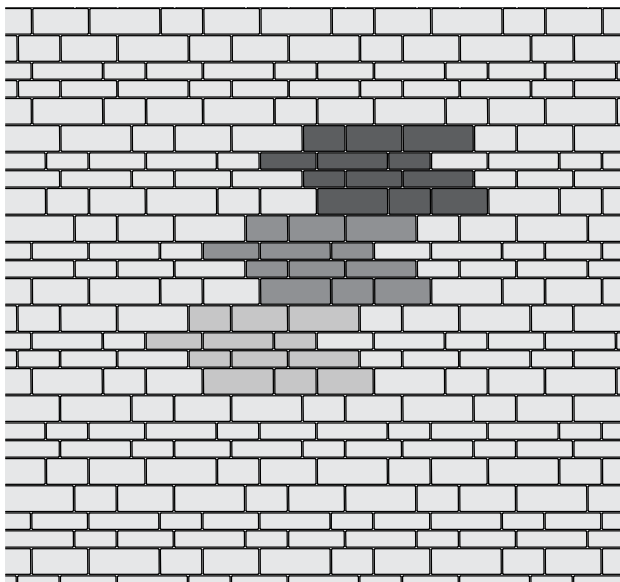
3-PIECE SMALL LINEAR PATTERN



3-PIECE LARGE LINEAR PATTERN








40% SMALL & 60% LARGE PATTERN



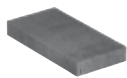


Scan for additional
product information

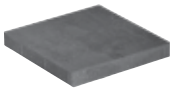
PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓	✓*			✓

SHAPES & SIZES

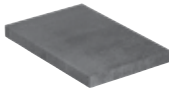
Origins 6 | 3-Piece | 60mm*



3 x 6 x 2³/₈

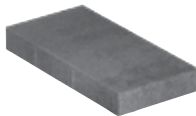


6 x 6 x 2³/₈

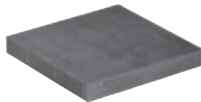


6 x 9 x 2³/₈

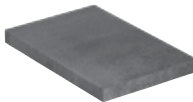
Origins 12 | 3-Piece | 60mm



6 x 12 x 2³/₈



12 x 12 x 2³/₈



12 x 18 x 2³/₈

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

ORIGINS 6 | 3-PIECE | 60MM*

3 X 6 X 2 ³ / ₈	20	2	–	160	–	–	538
6 X 6 X 2 ³ / ₈	40	4	–	160	–	–	1076.4
6 X 9 X 2 ³ / ₈	60	6	–	160	–	–	1614.6
TOTAL	120	12	10	480	–	–	3230

ORIGINS 12 | 3-PIECE | 60MM

6 X 12 X 2 ³ / ₈	20	2	–	40	–	–	530
12 X 12 X 2 ³ / ₈	40	4	–	40	–	–	1060
12 X 18 X 2 ³ / ₈	60	6	–	40	–	–	1590
TOTAL	120	12	10	120	–	–	3180



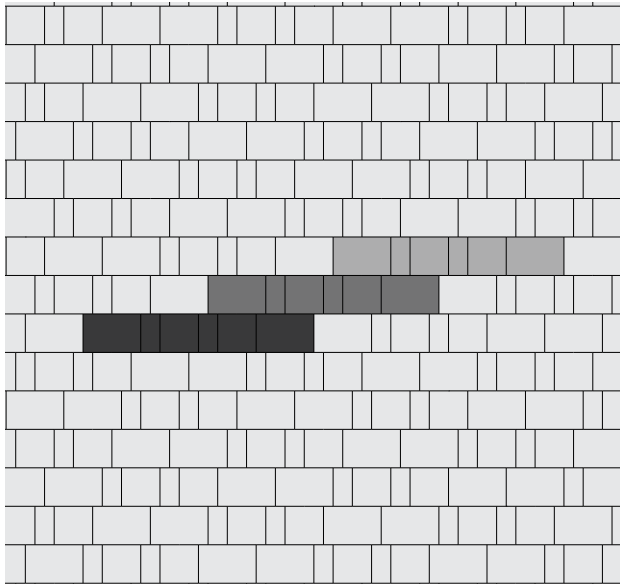
NOTES:

AutoCAD® hatch pattern files can be downloaded from belgard.com for use in architectural drawings.

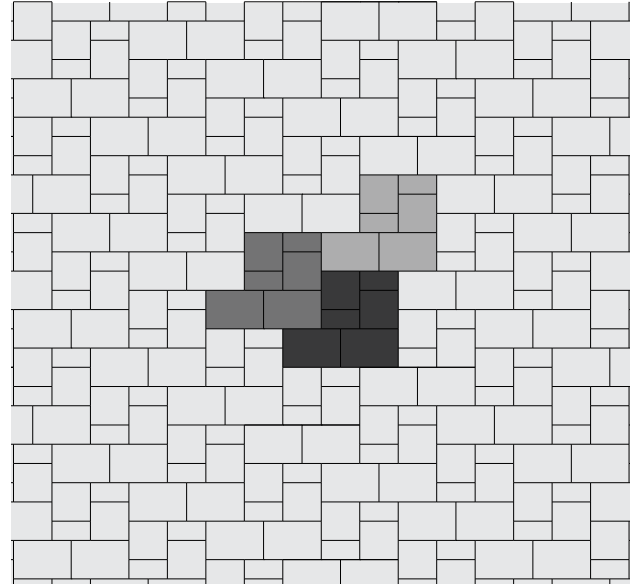
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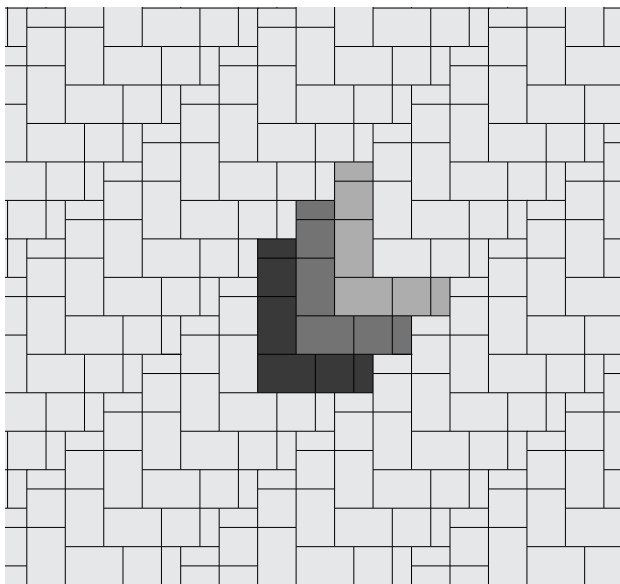
3-PIECE PATTERN A



3-PIECE PATTERN B








3-PIECE PATTERN C



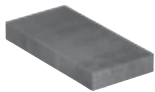


Scan for additional
product information

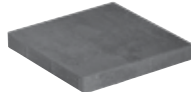
PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓				✓

SHAPES & SIZES

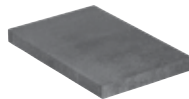
Origins 18 | 3-Piece | 60mm



9 x 18 x 2³/₈



18 x 18 x 2³/₈



18 x 27 x 2³/₈

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

ORIGINS 18 | 3-PIECE | 60MM

9 X 18 X 2 ³ / ₈	22.5	2.25	–	20	–	–	627.4
18 X 18 X 2 ³ / ₈	22.5	2.25	–	10	–	–	286
18 X 27 X 2 ³ / ₈	67.5	6.75	–	20	–	–	1894
TOTAL	112.5	11.25	10	50	–	–	3152



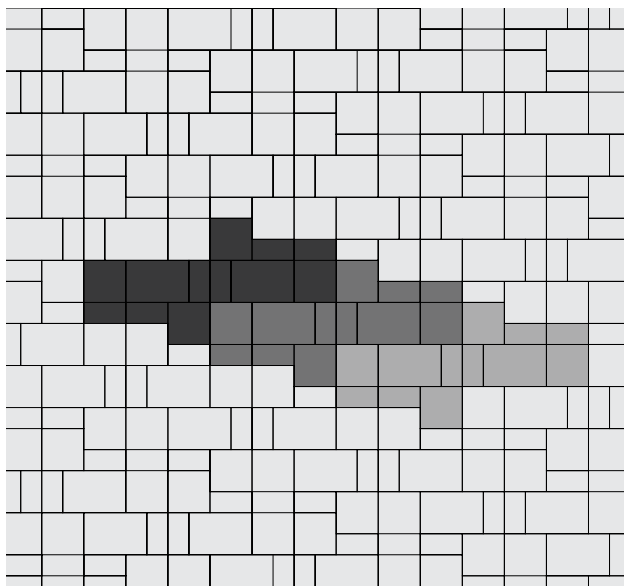
NOTES:

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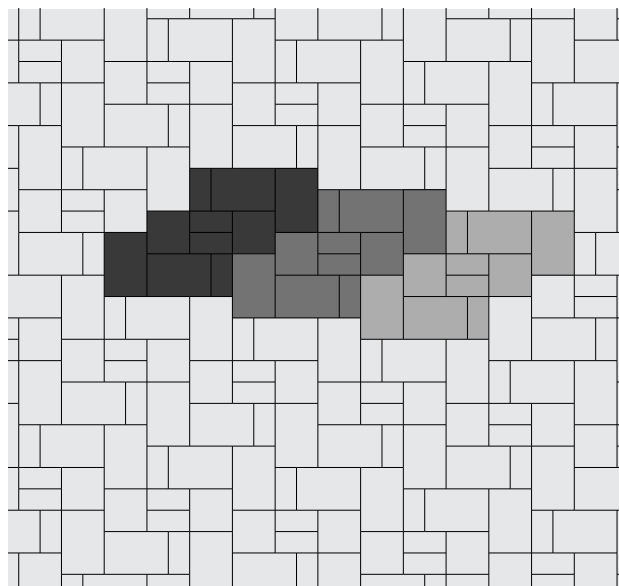
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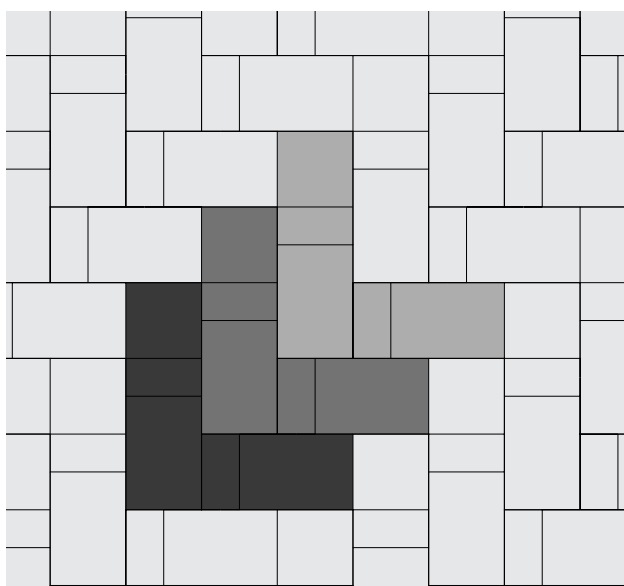
3-PIECE LARGE PATTERN A



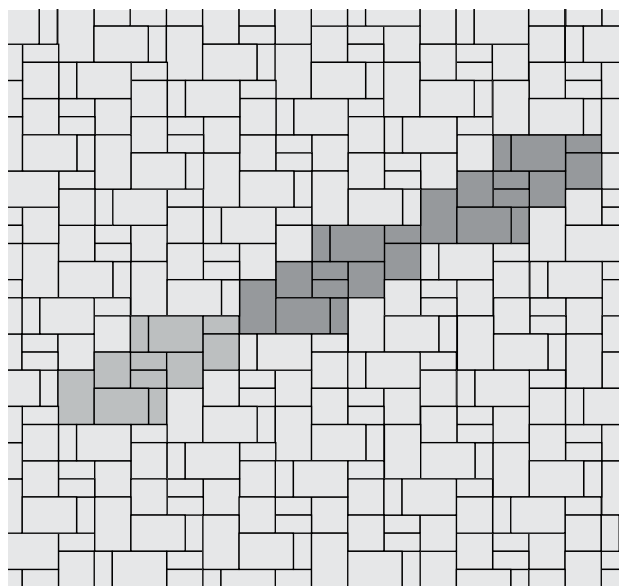
3-PIECE LARGE PATTERN B



3-PIECE LARGE PATTERN C








3-PIECE LARGE PATTERN D



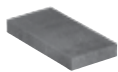


Scan for additional
product information

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

SHAPES & SIZES

6 x 9 | 60MM








6 x 9 x 2³/₈

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
6 X 9 60MM							
6 X 9 X 2 ³ / ₈	112.5	11.25	10	300	-	-	3020



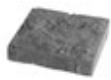
Scan for additional
product information

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

*If installed as an overlay on existing concrete utilizing Techniseal DriBond.

SHAPES & SIZES

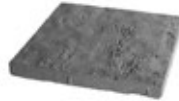
3-Piece | 30mm



6 x 6 x 1 1/4



6 x 12 x 1 1/4



12 x 12 x 1 1/4

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

3-PIECE | 30MM

6 X 6 X 1 1/4	20	2	–	80	–	–	–
6 X 12 X 1 1/4	60	6	–	120	–	–	–
12 X 12 X 1 1/4	40	4	–	40	–	–	–
TOTAL	120	12	10	240	–	–	1496

PERMEABLE PAVERS

PERMEABLE PAVER INSTALLATION GUIDE

37 Basic PICP Systems

For more installation information visit icpi.org

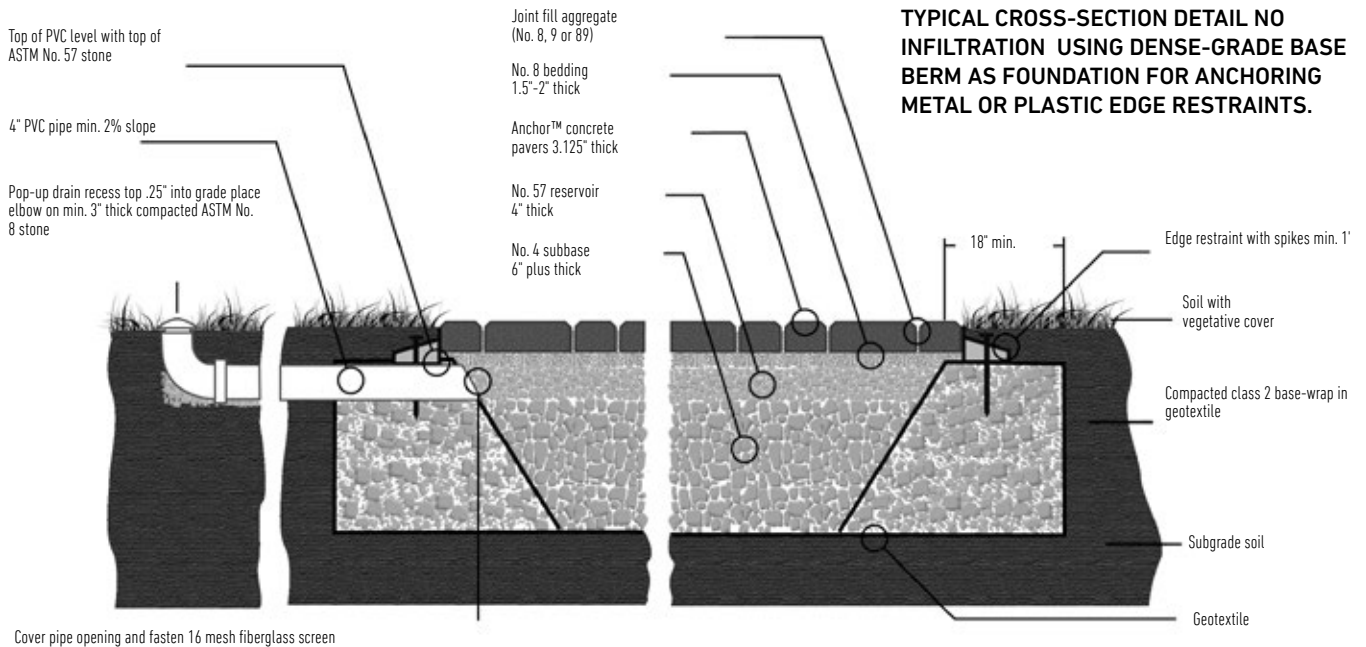
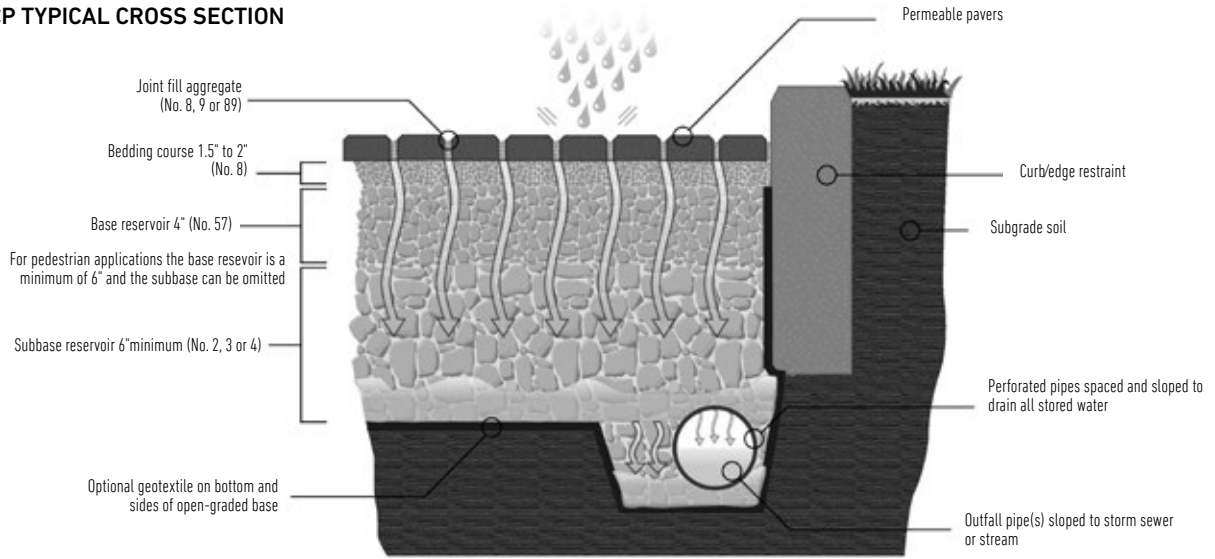
PERMEABLE PAVERS

38 Aqualine™

39 Turfstone™






PERMEABLE INTERLOCKING CONCRETE PAVEMENT (PICP)

PICP TYPICAL CROSS SECTION





Scan for additional
product information

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

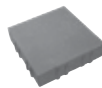
SHAPES & SIZES

3 x 12



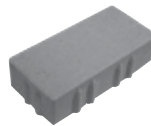
3 x 12 x 3 1/8

6 x 6



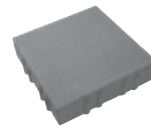
6 x 6 x 3 1/8

6 x 12



6 x 12 x 3 1/8

12 x 12








12 x 12 x 3 1/8

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
3 X 12							
3 X 12 X 3 1/8	88	11	8	352	44	–	–
6 X 6							
6 X 6 X 3 1/8	96	12	8	384	48	–	–
6 X 12							
6 X 12 X 3 1/8	96	12	8	192	24	–	–
12 X 12							
12 X 12 X 3 1/8	96	12	8	96	12	–	–



Scan for additional
product information

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

*Contact your Belgard representative for vehicular use

SHAPES & SIZES

80mm



15³/₄ x 23⁵/₈ x 3¹/₈

Call your local Belgard representative for availability.

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
80MM							
15 ³ / ₄ X 23 ⁵ / ₈ X 3 ¹ / ₈	101	12.63	8	40	5	.375	2195

PORCELAIN PAVERS & PLANKS

PORCELAIN INSTALLATION GUIDE

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

PORCELAIN PAVERS & PLANKS

- | | | | |
|----|-------------|----|--------------|
| 46 | Ardesie | 52 | Na.Me |
| 47 | Foundation™ | 53 | Noon |
| 48 | Genoa™ | 54 | Quarziti 2.0 |
| 49 | Glocal | 55 | Silverlake |
| 50 | Jurupa | 56 | Verona |
| 51 | Lagoon | | |

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.

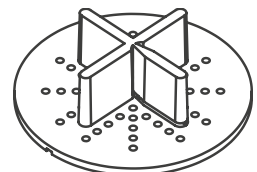
PORCELAIN PAVER INSTALLATION

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.

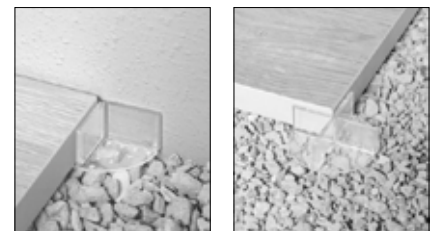
Installing porcelain pavers requires the bedding course sand to be pre-compacted and then struck off with a screed to the required thickness as shown in the detail drawings. The porcelain pavers are not compacted and therefore the sand layer beneath them requires pre-compaction. Do not compact dry sand, 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:

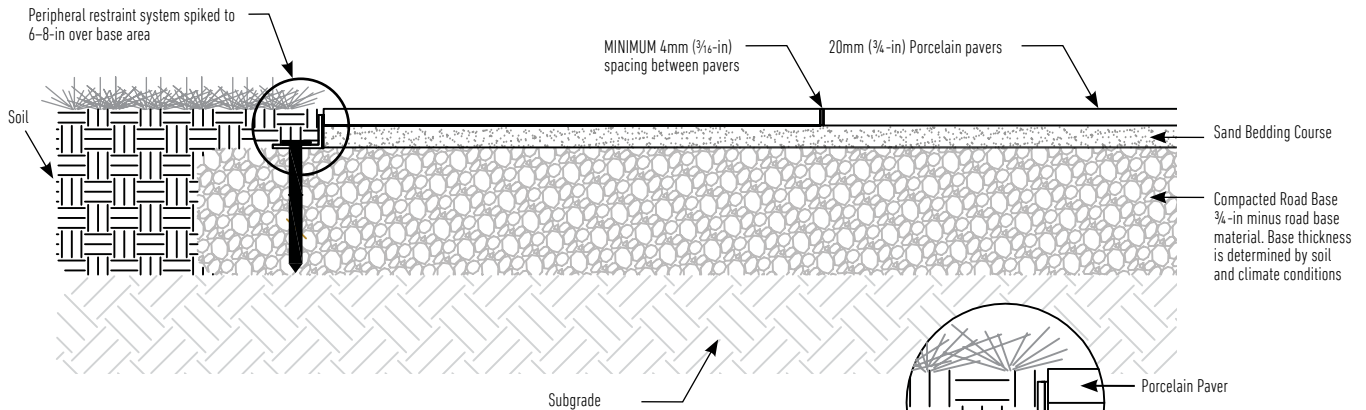
- Weather, soil type and job conditions should be considered when choosing the best installation method.
- When installing porcelain planks (12 x 48, 8 x 48) always lay the pattern of the 1/3s. These should not be placed next to each other at 50%
- NEVER compact porcelain pavers with a plate compactor. 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



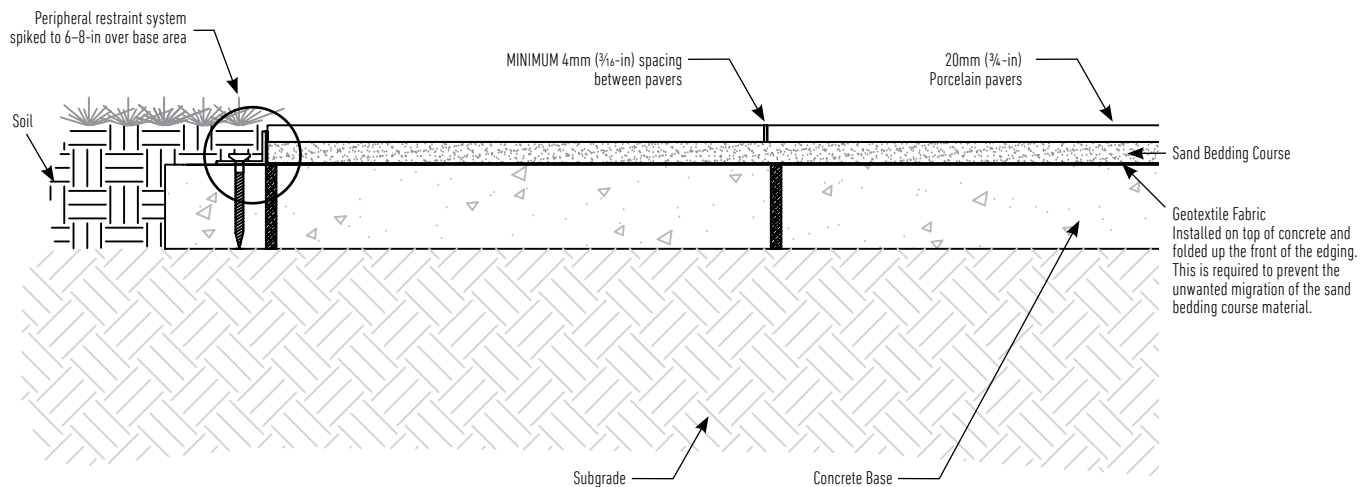
SAND SET OVER COMPACTED ROAD BASE INSTALLATION (PEDESTRIAN FOOT TRAFFIC)



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

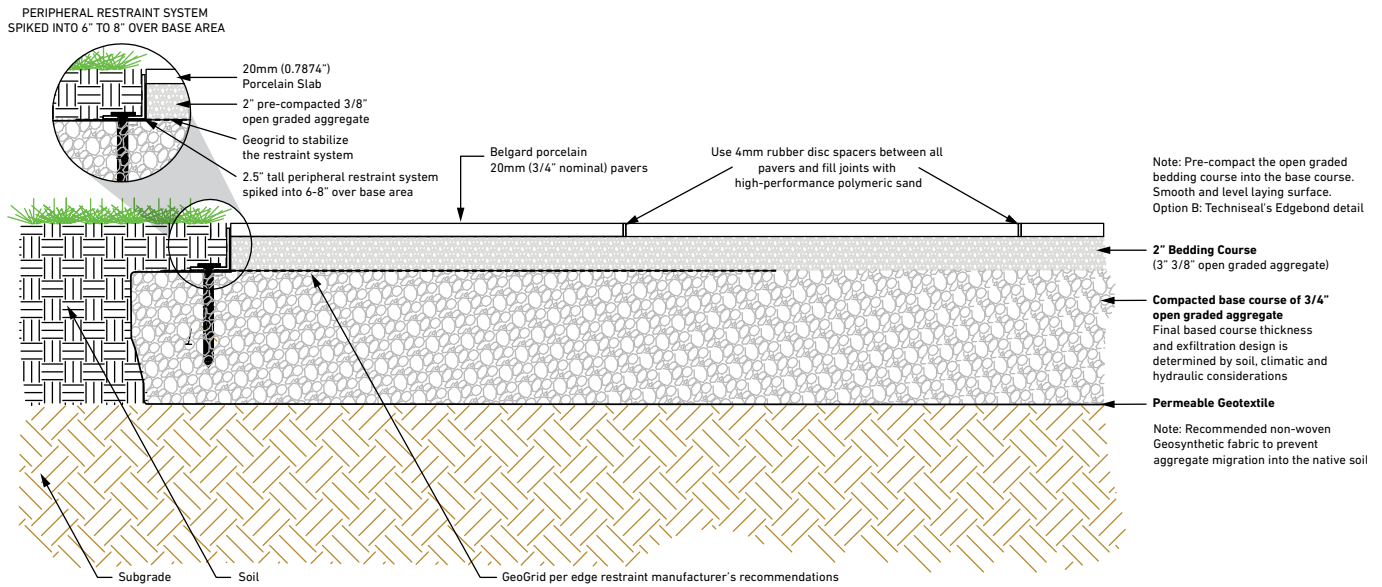
SAND SET OVER CONCRETE OVERLAY INSTALLATION (PEDESTRIAN FOOT TRAFFIC)



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.

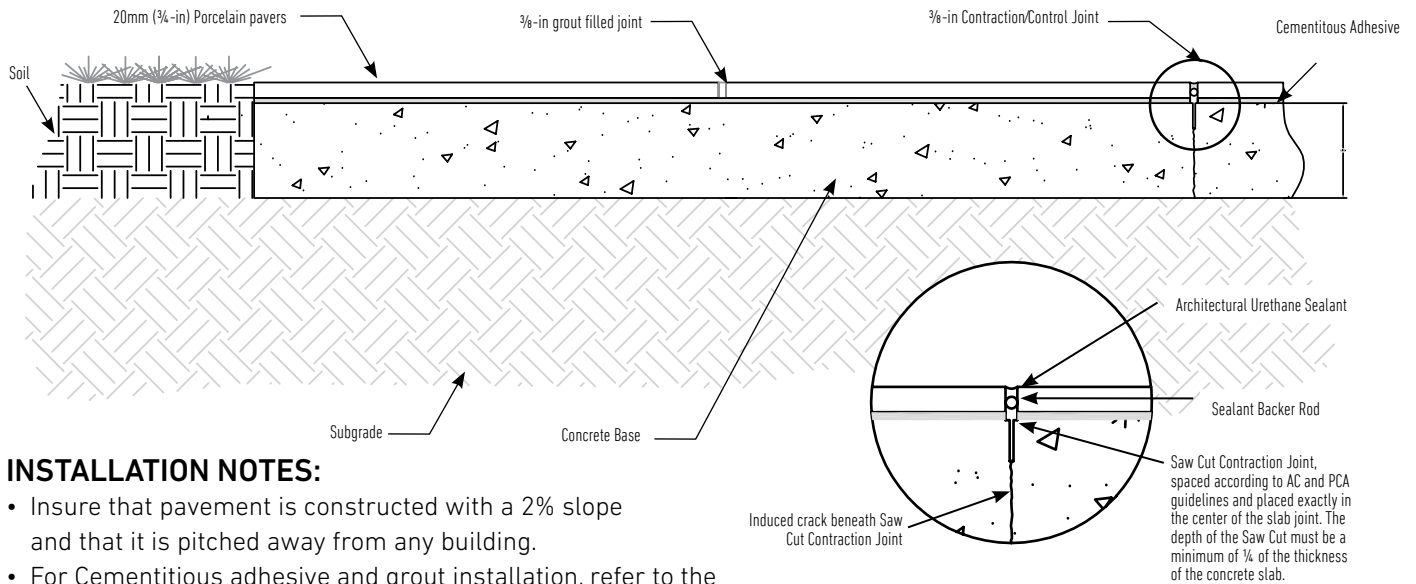
GRAVEL SET OVER OPEN GRADED AGGREGATE INSTALLATION



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%.
- Roller Compactor recommended for all compaction with Porcelain products

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

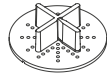


INSTALLATION NOTES:

- 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



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

*Porcelain must be installed per manufacturer's recommendation on concrete and concrete must be designed by an engineer to support the traffic load that will be imposed.

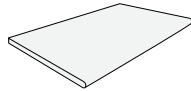
SHAPES & SIZES

24 X 24



23.54 x 23.54 x 3/4

Unico 2.0



12.99 x 23.54 x 3/4

UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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24 X 24

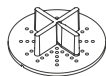
23.54 X 23.54 X 3/4	232.5	2	7.75	30	–	–	2160
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UNICO 2.0

12.99 X 23.54 X 3/4	254.82	3	5.89	40	–	–	2080
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Scan for additional
product information



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PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
✓				✓

SHAPES & SIZES

24 X 24

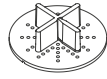


23.54 x 23.54 x 3/4

UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
24 X 24							
23.54 X 23.54 X 3/4	275.04	2	7.64	36	–	–	2160



Scan for additional
product information



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PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
✓				✓

SHAPES & SIZES

12 x 24



11.73 x 23.54 x 3/4

24 x 24

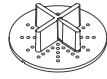


23.54 x 23.54 x 3/4

UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
12 X 24							
11.73 X 23.54 X 3/4	303.6	3	7.59	40	–	–	2201
24 X 24							
23.54 X 23.54 X 3/4	275.04	2	7.64	36	–	–	2160



Scan for additional
product information



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

*Porcelain must be installed per manufacturer's recommendation on concrete and concrete must be designed by an engineer to support the traffic load that will be imposed.

SHAPES & SIZES

24 X 24



23.54 x 23.54 x 3/4

24 x 48



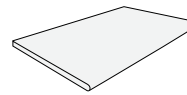
23.54 x 47.17 x 3/4

48 x 48**



47.17 x 47.17 x 3/4

Unico



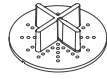
12.99 x 23.54 x 3/4

**Special Order






UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
24 X 24							
23.54 X 23.54 X 3/4	232.5	2	7.75	30	—	—	2160
24 X 48							
23.54 X 47.17 X 3/4	271.25	1	7.75	35	—	—	2621
48 X 48**							
47.17 X 47.17 X 3/4	279	1	15.5	18	—	—	2774.2
UNICO							
12.99 X 23.54 X 3/4	254.82	3	5.89	40	—	—	2080



Scan for additional
product information

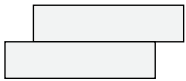


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PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
				
✓				✓

SHAPES & SIZES

12 x 48

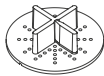


11.73 x 47.17 x $\frac{3}{4}$

UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
12 X 48							
11.73 x 47.17 x $\frac{3}{4}$	279	2	7.75	36	–	–	2664



Scan for additional
product information



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PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
✓				✓

SHAPES & SIZES

24 x 48

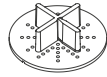


23.54 x 47.17 x 3/4

UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
24 X 48							
23.54 X 47.17 X 3/4	271.25	1	7.75	35	–	–	2621



Scan for additional
product information



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

*Porcelain must be installed per manufacturer's recommendation on concrete and concrete must be designed by an engineer to support the traffic load that will be imposed.

SHAPES & SIZES

24 X 24

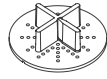


23.54 x 23.54 x 3/4

UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
24 X 24							
23.54 X 23.54 X 3/4	232.5	2	7.75	30	–	–	2160



Scan for additional
product information

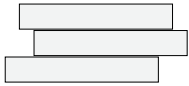


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PEDESTRIAN	LIGHT/REGULAR TRAFFIC	HEAVY TRAFFIC	PERMEABLE	ADA
✓				✓

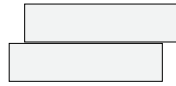
SHAPES & SIZES

8 x 48



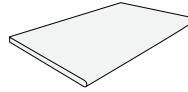
7.64 x 47.17 x 3/4

12 x 48



11.73 x 47.17 x 3/4

Unico



12.99 x 23.54 x 3/4

UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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8 X 48

7.64 x 47.17 x 3/4	151.8	2	5.06	30	–	–	1415
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12 X 48

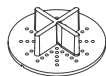
11.73 x 47.17 x 3/4	279	2	7.75	36	–	–	2664
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UNICO

12.99 X 23.54 X 3/4	254.82	3	5.89	40	–	–	2080
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Scan for additional
product information



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

*Porcelain must be installed per manufacturer's recommendation on concrete and concrete must be designed by an engineer to support the traffic load that will be imposed.

SHAPES & SIZES

12 x 24**



11.73 x 23.54 x 3/4

18 x 36**



17.64 x 35.35 x 3/4

24 x 24



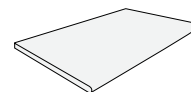
23.54 x 23.54 x 3/4

24 x 48



23.54 x 47.17 x 3/4

Unico



12.99 x 23.54 x 3/4

**Special Order only.

UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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12 X 24**

11.73 X 23.54 X 3/4	232.5	3	5.81	40	—	—	2201
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18 X 36**

17.64 X 35.35 X 3/4	234.9	2	8.7	27	—	—	2235
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24 X 24

23.54 X 23.54 X 3/4	232.5	2	7.75	30	—	—	2160
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24 X 48

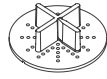
23.54 X 47.17 X 3/4	271.25	1	7.75	35	—	—	2621
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UNICO

12.99 X 23.54 X 3/4	254.82	3	5.89	40	—	—	2080
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Scan for additional
product information



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

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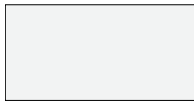
SHAPES & SIZES

24 x 24



23.54 x 23.54 x 3/4

24 x 48

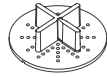


23.54 x 47.17 x 3/4

UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
24 X 24							
23.54 X 23.54 X 3/4	232.5	2	7.75	30	–	–	2160
24 X 48							
23.54 X 47.17 X 3/4	271.25	1	7.75	35	–	–	2621



Scan for additional
product information



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

*Porcelain must be installed per manufacturer's recommendation on concrete and concrete must be designed by an engineer to support the traffic load that will be imposed.

SHAPES & SIZES

24 x 24



23.54 x 23.54 x 3/4

UNIT	SQFT/ PALLET	PCS/ BOX	SQFT/ BOX	BOXES/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
24 X 24							
23.54 X 23.54 X 3/4	232.5	2	7.75	30	–	–	2160

WALLS

WALL INSTALLATION GUIDE

- 58 Wall Types
- 60 Before You Begin

WALLS

- 61 Ashlar Tandem™
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- 67 Diamond® 9D
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- 72 Weston Stone™

For basic wall installation information
visit ncma.org

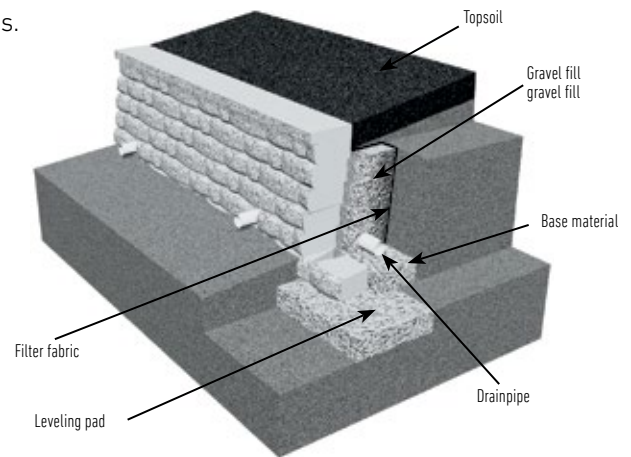
SEGMENTAL RETAINING WALL TYPES

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.

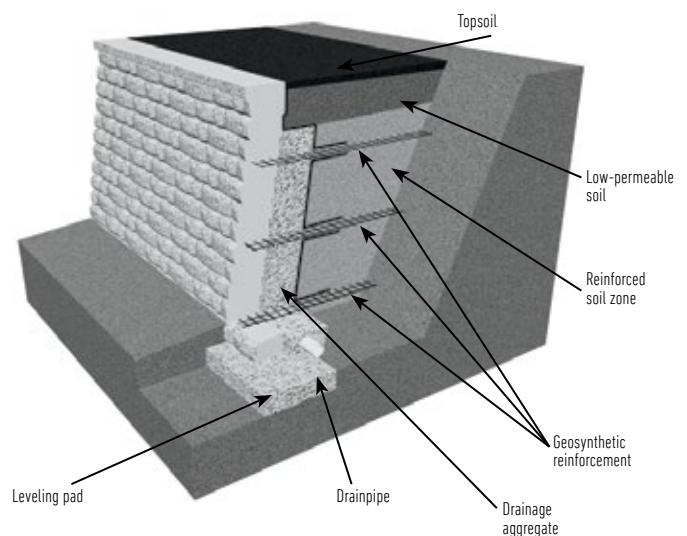
A gravity wall relies on the weight and setback of the block to resist the soil forces being exerted on the wall.



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.

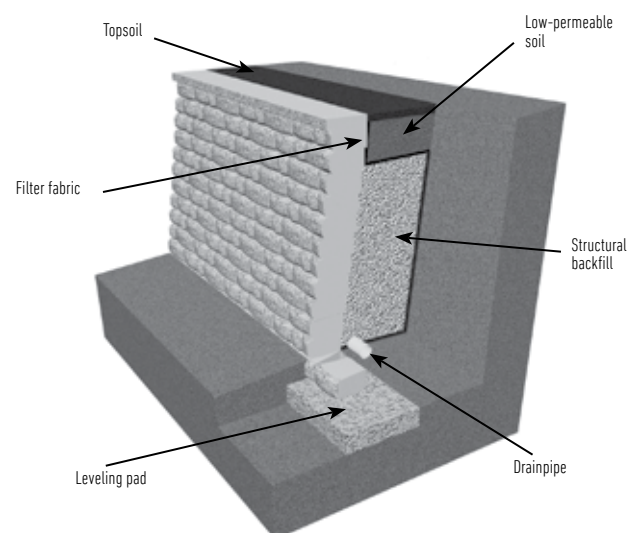


ANCHORPLEX® SYSTEM

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 Anchor™ products and structural backfill specified by Anchor Wall Systems, and backed by engineering support tools developed by Anchor.

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 than is usually necessary in geosynthetic-reinforced wall construction.

Contact Anchor Wall Systems at 1-877-295-5415 for more information about designing and building with the Anchorplex system.

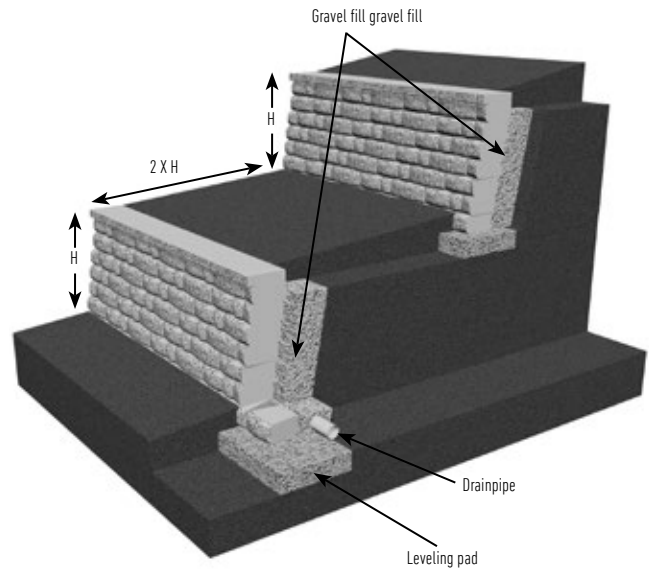


OTHER SEGMENTAL WALL APPLICATIONS

INDEPENDENT TERRACED WALLS

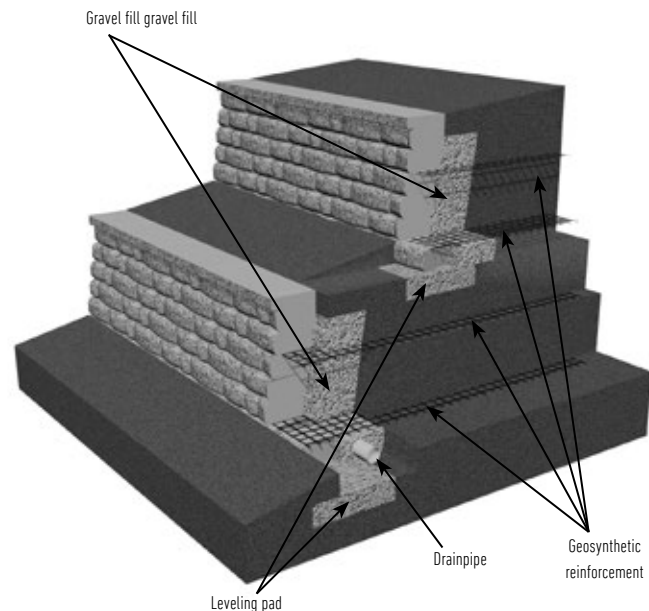
For each wall to be independent of others, they must be built using a 2:1 ratio: The upper wall must be built a distance away from the lower wall of at least twice the height of the lower wall. In addition, the upper wall must also be equal to or less than the height of the lower wall. Exceptions to 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.





Scan for additional
product information

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

*Recommended for use with all available wall block units. (Sold Separately) Note: U Start Base Block actual coverage length is 16¹¹/₁₆"

SHAPES & SIZES

Units 1, 2 & 3



7 x 13³/₁₆ x 2⁵/₈



7 x 15¹³/₁₆ x 2⁵/₈



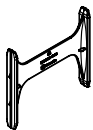
7 x 18⁷/₁₆ x 2⁵/₈

Tandem Cap



15 x 24 x 3¹/₄

8" Connector



30/bag
(Connector not included)

Modular Block



7¹/₁₆ x 7⁷/₈ x 7⁷/₈
(Clips included)

U Start*



3¹/₂ x 18¹/₂ x 12



Scan for additional
product information

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

*Recommended for use with all available wall block units. (Sold Separately) Note: U Start Base Block actual coverage length is 16¹¹/₁₆"

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
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UNITS 1, 2 & 3

7 X 13 ³ / ₁₆ X 2 ⁵ / ₈	19.2	3.2	–	30	–	–	–
7 X 15 ¹³ / ₁₆ X 2 ⁵ / ₈	23.55	3.92	–	30	–	–	–
7 X 18 ⁷ / ₁₆ X 2 ⁵ / ₈	27.35	4.56	–	30	–	–	–
TOTAL	70.01	11.68	6	90	–	–	2085

TANDEM CAP

15 X 24 X 3 ¹ / ₄	–	–	–	32	–	–	3008
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MODULAR BLOCK

7 ¹ / ₁₆ X 7 ⁷ / ₈ X 7 ⁷ / ₈	–	–	–	126	–	–	2816
--	---	---	---	-----	---	---	------

CONNECTOR

7 ⁷ / ₈ X 6 ⁷ / ₈	–	–	–	30 / BAG	–	–	–
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U START BASE BLOCK*

18 ⁷ / ₁₆ X 12 X 3 ¹ / ₂	77.88	11.13	7	56	–	–	3080
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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



6 x 6 x 8



6 x 10 x 8



6 x 16 x 8

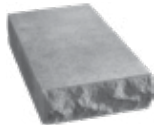
Retaining Wall

Corner/Column



6 x 16 x 8

Trapezoid Double-Sided Cap



3 x 7 / 8 x 13½

Cap End Unit



3 x 8 x 13½

Wall End



6 x 8 x 11

U Start Base Block



3½ x 18⅞ x 12

See pallet information on the following page.



UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
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FREESTANDING

6 X 6 X 5	3.75	0.75	–	30	–	–	337.5
6 X 10 X 5	6.25	1.25	–	30	–	–	562.5
6 X 16 X 5	20	4	–	60	–	–	1800
TOTAL	30	6	5	120	–	–	2700

RETAINING

6 X 6 X 8	3.75	1.25	–	15	–	–	306
6 X 10 X 8	6.25	2.08	–	15	–	–	511
6 X 16 X 8	20	6.6	–	30	–	–	1628
TOTAL	30	10	3	60	–	–	2445

CORNER/COLUMN

6 X 16 X 8	22.5	9.33	2	28	–	–	2003
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TRAPEZOID DOUBLE-SIDED CAP

3 X 7/8 X 13½	90 LNFT	11.25 LNFT	8	144	–	–	3510
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CAP END UNIT

3 X 8 X 13½	24 LNFT	12 LNFT	2	36	–	–	912
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WALL END 3-SIDED UNIT

6 x 8 x 11	14	7	2	42	–	–	1832
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U START BASE BLOCK

3½ x 18⅞ x 12	77.88LF	11.13LF	7	56	–	–	3080
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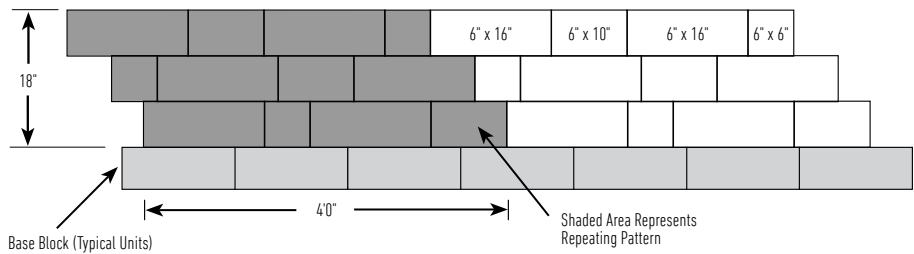
BELAIR WALL® 2.0 - LAYING PATTERN GUIDE

USING A PATTERN FOR SINGLE-HEIGHT RETAINING WALLS

When using a pattern, begin at one edge, laying the units as indicated. Install at least one repeat of the pattern to establish the pattern before proceeding to the next course. Stagger the patterns as shown to avoid vertical bonds.

One set of 6-inch-high retaining wall blocks consists of 2 large units, 1 medium unit and 1 small unit, and is 2 square feet.

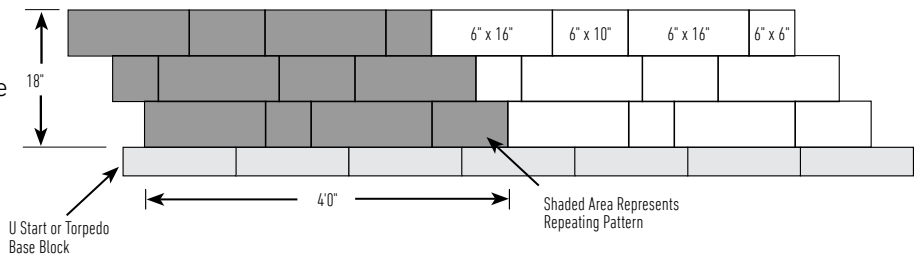
6" Multipiece wall system, 18-inch by 4-foot pattern = 6 sq. ft.



Blocks required		Blocks required	
6 Sets		3 Sets	
12	6" x 16"	6	6" x 16"
6	6" x 10"	3	6" x 10"
6	6" x 6"	3	6" x 6"

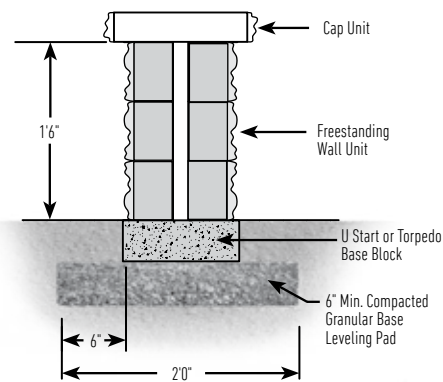
WHEN TO USE A PATTERN FOR FREESTANDING WALLS

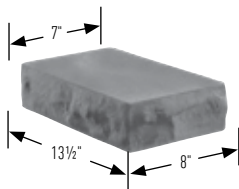
One set of 6-inch-high blocks consists of 2 large units, 1 medium unit and 1 small unit, and is 1 square foot of two sided wall.



NOTE: These freestanding wall installation patterns show only one side of the freestanding wall. The same number of blocks are needed to build the other side of a freestanding wall when using Belair Wall 2.0 and Brisa freestanding wall systems. Freestanding wall installation patterns are measured in length by height of one side of the wall, and are expressed in square feet. Sets of blocks required include the number of blocks needed to build both sides of the wall.

TYPICAL CROSS SECTION



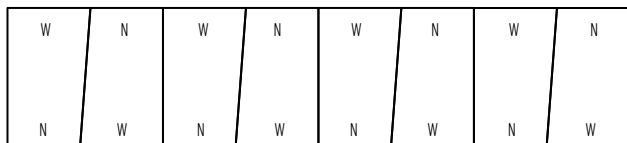


TRAPEZOID DOUBLE-SIDED CAP

The double-sided cap has a right-angle side and an offset-angle side. The caps can be used in any of four directions since there is no specific top or bottom.

STRAIGHT WALL

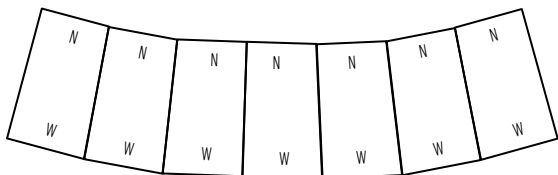
The cap must be laid alternately, narrow (N) and wide (W) faces, for a straight line. Always start capping from the lowest elevation.



CURVES

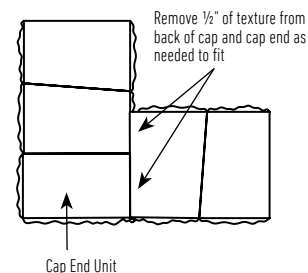
Lay out the cap units side by side with same face facing out (wide faces for outside curves; narrow faces for inside curves). Occasional cutting of some pieces may be necessary.

Minimum radius: 7'6"



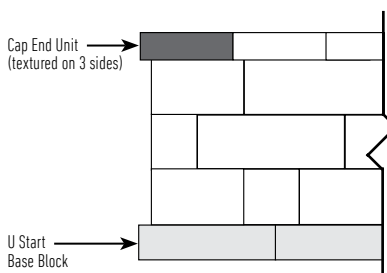
90-DEGREE CORNERS WITH CAP END

Using a Cap End unit



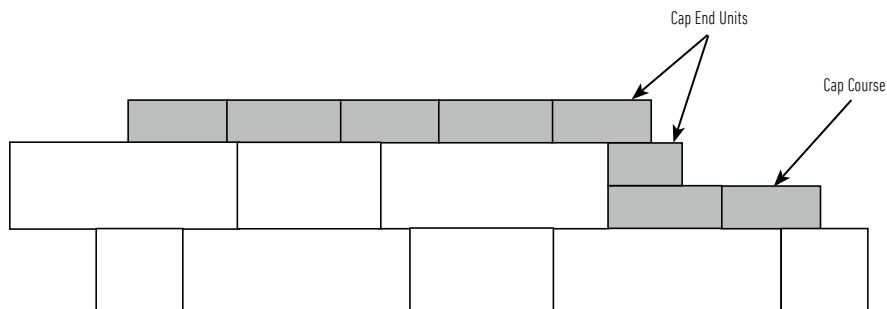
FINISH WITH A CAP END

Do not cut the cap end, cut an interior cap if needed.



STEPPING UP CAPS WITH CAP ENDS

If a wall elevation changes, caps can be stacked where the wall steps up. Begin laying caps at the lowest elevation and work your way toward the next step-up. Cut a cap unit directly on top of the capped portion of the wall with the cut side hidden from view. If not using a Cap End, place the trapezoid double-sided cap so that the side with the arrow is hidden.



NOTE: To split a block, use a hydraulic splitter or split manually by using a hammer and chisel to score the block on all sides. Pound the chisel on the same line until the block splits. If partial unit sides are not exposed, use a saw with a diamond blade to achieve a tighter fit.



Scan for additional
product information

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

SHAPES & SIZES

Straight Face	Trapezoid Cap	U Start Base Block
6 x 17¼ x 9	3 x 7 / 8 x 13	3½ x 18⅞ x 12

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
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STRAIGHT FACE

6 X 17¼ X 9	43.1	–	–	60	–	–	3325
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TRAPEZOID CAP









3 X 7 X 13 3 X 8 X 13	–	–	–	126	–	–	2952
--------------------------	---	---	---	-----	---	---	------

U START BASE BLOCK

3½ X 18⅞ X 12	77.88LF	11.13LF	7	56	–	–	3080
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Scan for additional
product information

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

SHAPES & SIZES

Straight Face



8 x 18 x 12

Cap



4 x 17 / 12 x 10

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

STRAIGHT FACE

8 X 18 X 12	36	–	–	36	–	–	2550
-------------	----	---	---	----	---	---	------

CAP

4 X 17 / 12 X 10	78.75	–	–	126	–	–	3100
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Scan for additional
product information

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

SHAPES & SIZES

Veneer



12 x 24 x 3

Cap



15 x 24 x 3¼

Connectors available in 7-in, 21-in and 41-in

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
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VENEER






12 X 24 X 3	96	–	–	48	–	–	3168
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CAP

15 X 24 X 3¼	–	–	–	32	–	–	3050
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Scan for additional
product information

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

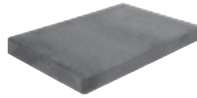
SHAPES & SIZES

Wall Unit



4 x 20 x 10

Cap



2 x 20 x 13

UNIT	LNFT/ PALLET	LNFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
WALL UNIT							
4 X 20 X 10	26.67	4.44	6	48.75	–	–	3120
CAP							
2 X 20 X 13	100	10	10	60	–	–	2536.8

NOTE: For walls over 30 inches in height, soil reinforcement is generally necessary.
A qualified engineer should be consulted for design and analysis of structures.



Scan for additional
product information

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

SHAPES & SIZES

FSW/ Retaining



6 x 17³/₄ x 12

Laguna Universal



2³/₈ x 14³/₁₆ x 23⁵/₈

Trapezoid Cap



3 x 7 / 8 x 13

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

FSW/RETAINING

6 X 17 ³ / ₄ X 12	30.2	–	–	45	–	–	3100
---	------	---	---	----	---	---	------

LAGUNA UNIVERSAL

2 ³ / ₈ X 14 ³ / ₁₆ X 23 ⁵ / ₈	94.4	9.44	10	40	–	–	2710
--	------	------	----	----	---	---	------

TRAPEZOID CAP

3 X 7 / 8 X 13	–	–	–	126	–	–	2952
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*Highland Plant = 45 units/pallet

The Sterling™ wall system is a versatile solution for every landscape. Installation is simple with an easy to locate pin system. Create a battered retaining wall with pin placement receiving channel. The design of this block can also be split to make a two-sided unit for a freestanding wall system, steps and column units. The straight split texture blends well with surrounding landscape.





Scan for additional
product information

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

SHAPES & SIZES

Universal



4 x 12 x 8

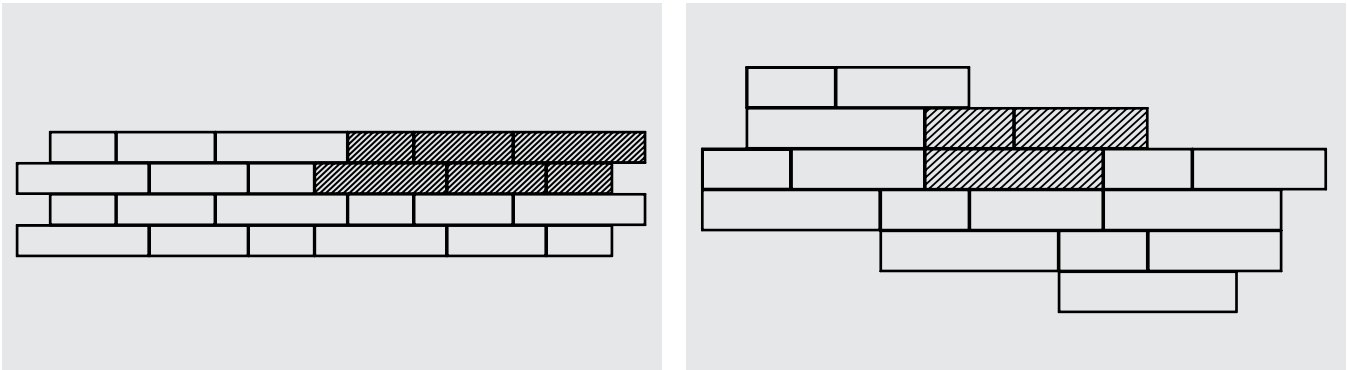
UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
UNIVERSAL							
4 X 12 X 8	42	–	–	126	–	–	3477

WESTON STONE™ INSTALLATION INSTRUCTIONS

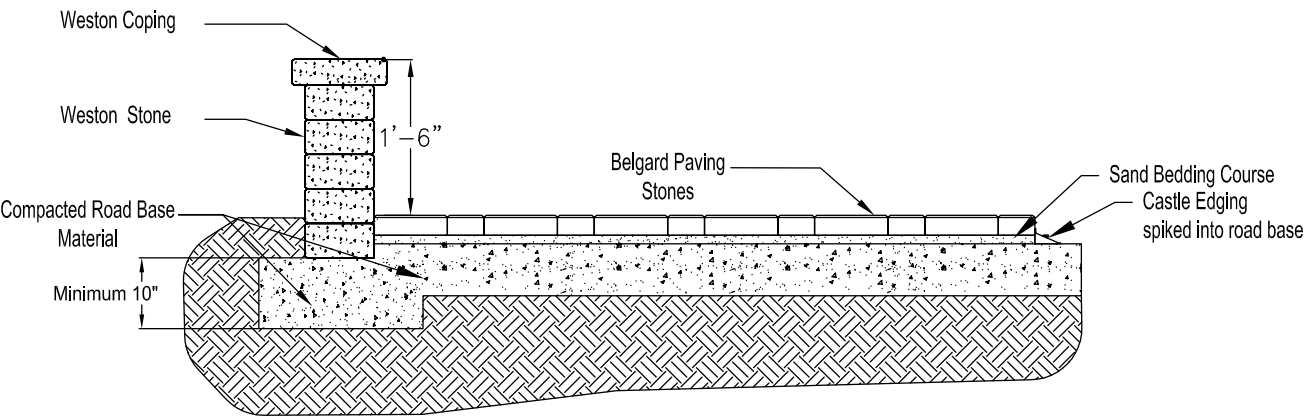
This is a pinless system. Maximum wall height is 2½ feet. Walls exceeding 2½ feet in height may require geogrid reinforcing and the consultation of a qualified engineer. Contact your Belgard sales representative or dealer for assistance.

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.

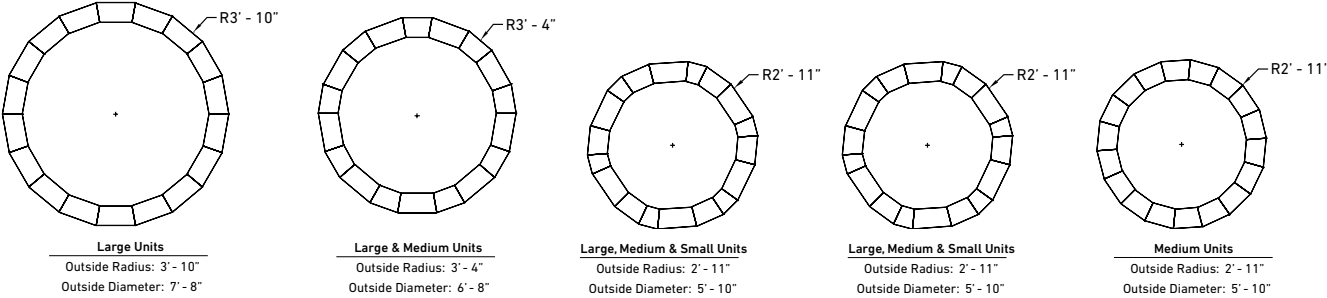
WESTON STONE™ WALL PATTERNS



TYPICAL CROSS SECTION WITH WESTON STONE SEAT WALL



TREE RINGS WITH WESTON STONE





FIRE FEATURES

FIRE FEATURES INSTALLATION GUIDE

76 Installation Instructions

FIRE FEATURES

77 Bordeaux™ Series

80 Brighton™ Series

82 Bristol™ Series

85 Melville™ Series

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.

BORDEAUX™ SERIES

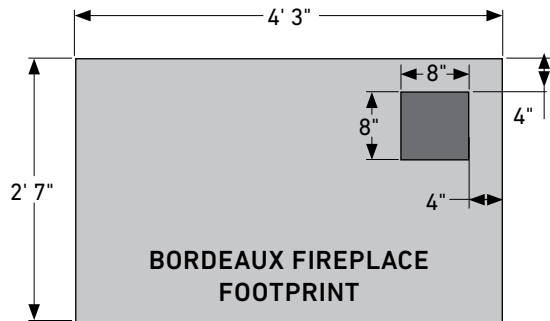
NATURAL
COLLECTION



Scan for additional
product information



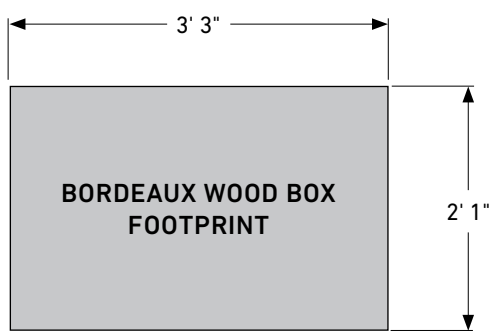
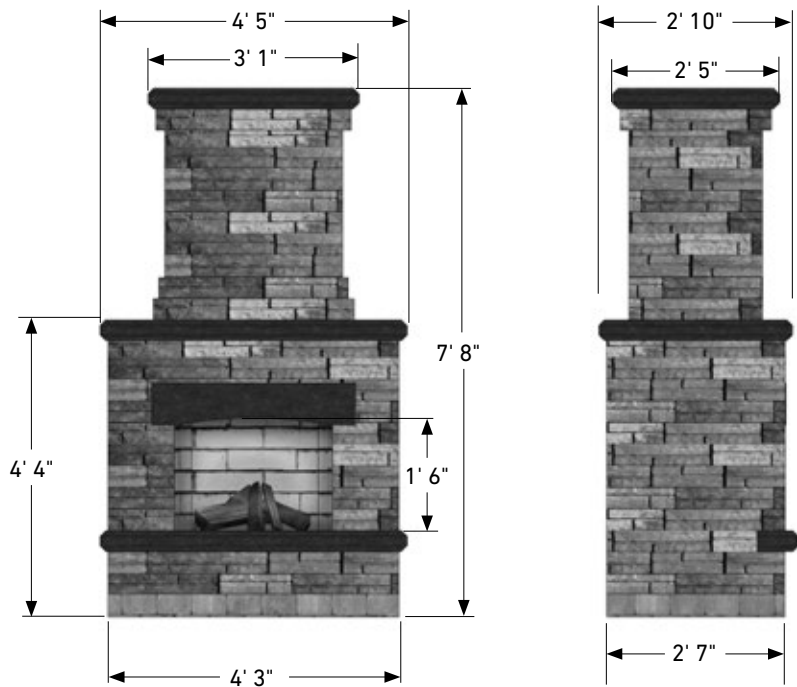
BORDEAUX™ SERIES



FIREPLACE

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

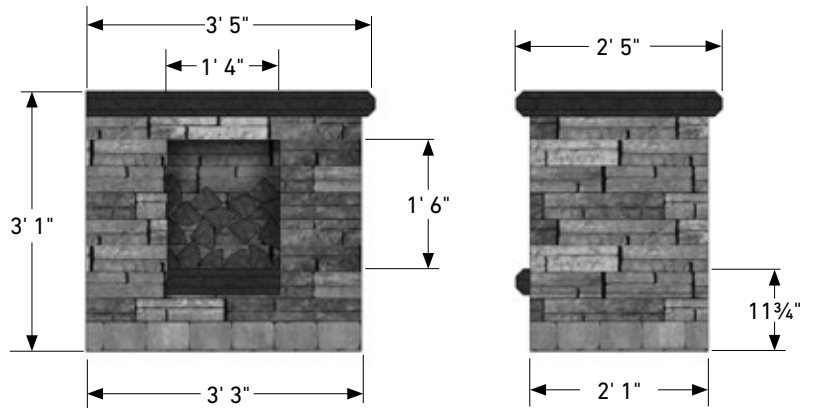
Approximate Weight:
4200 lbs.



WOOD BOXES

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

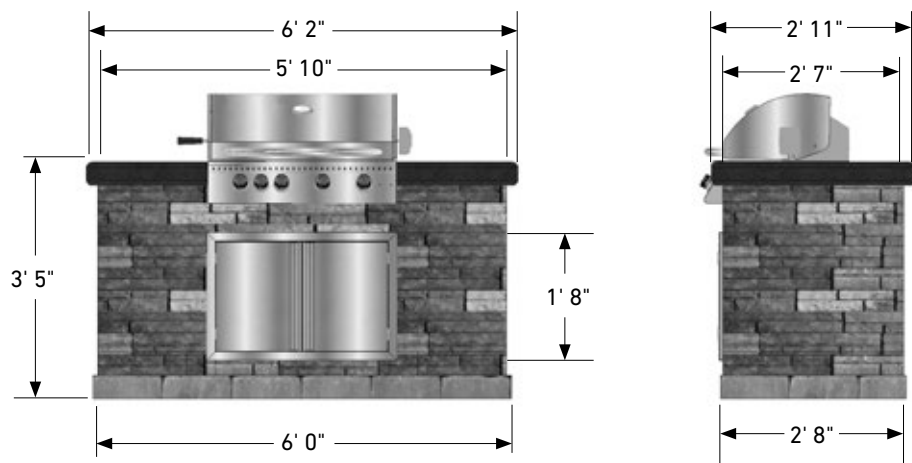
Approximate Weight:
3070 lbs.



GRILL ISLAND

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

Approximate Weight:
2500 lbs.

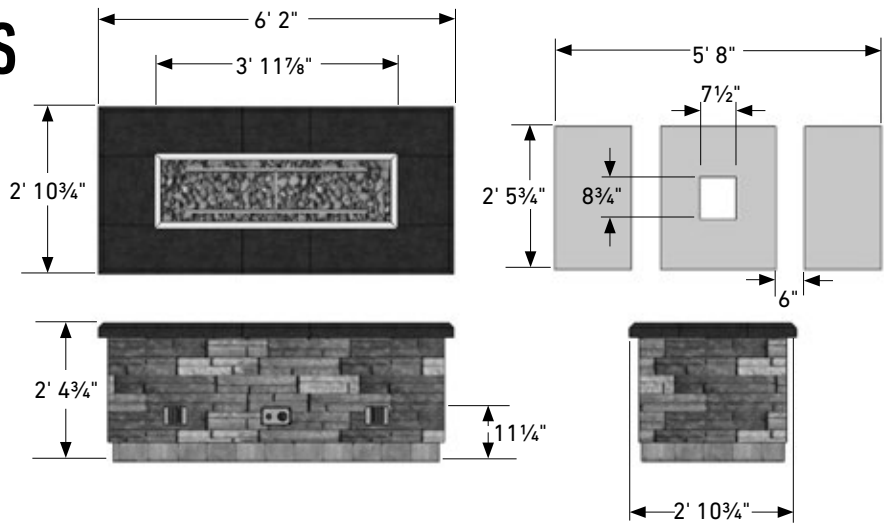


BORDEAUX™ SERIES

LINEAR FIRE TABLE

Rough Dimensions:
2'10³/₄" D x 6'2" W x 2'4³/₄" H

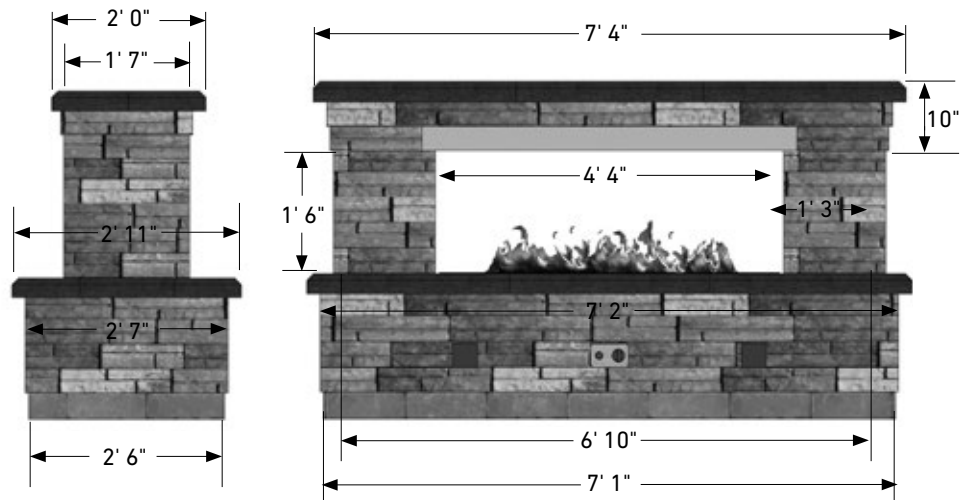
Approximate Weight:
2500 lbs.



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

WOOD BOXES

13140001

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

13140020

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

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

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/Buff

13000019

Bordeaux Linear Fireplace
Colors: Sienna/Midnight

13000020

Bordeaux Linear Fireplace
Colors: Pewter/Midnight

LINEAR FIRE TABLE

13000023

Bordeaux Linear Fire Table
Colors: Sienna/Buff

13000204

Bordeaux Linear Fire Table
Colors: Sienna/Midnight

13000203

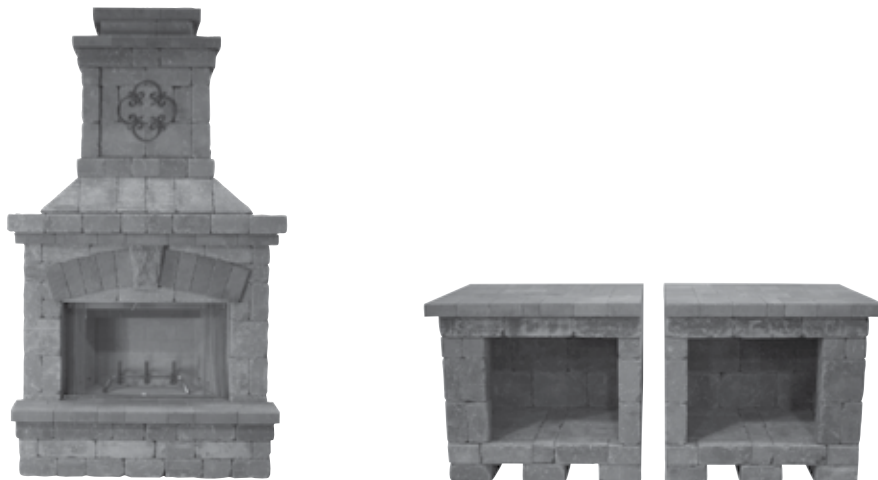
Bordeaux Linear Fire Table
Colors: Pewter/Midnight

BRIGHTON™ SERIES

HERITAGE
COLLECTION **H**



*Scan for additional
product information*





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

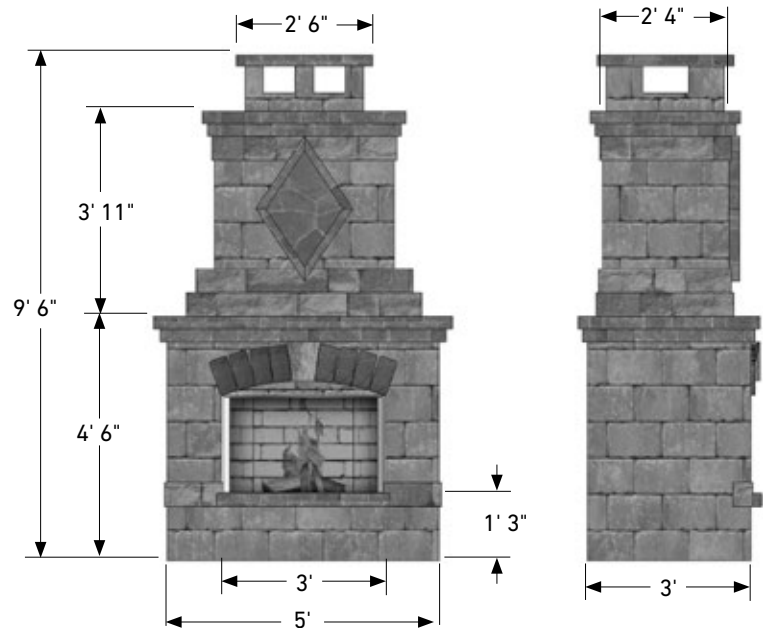
70580261

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.

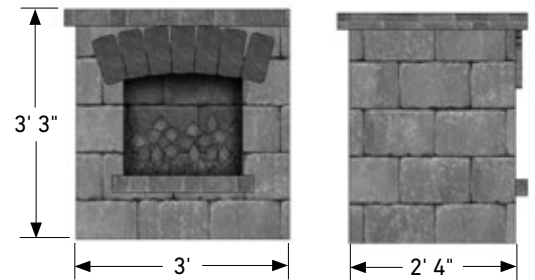
WOOD BOXES (PAIR)

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.

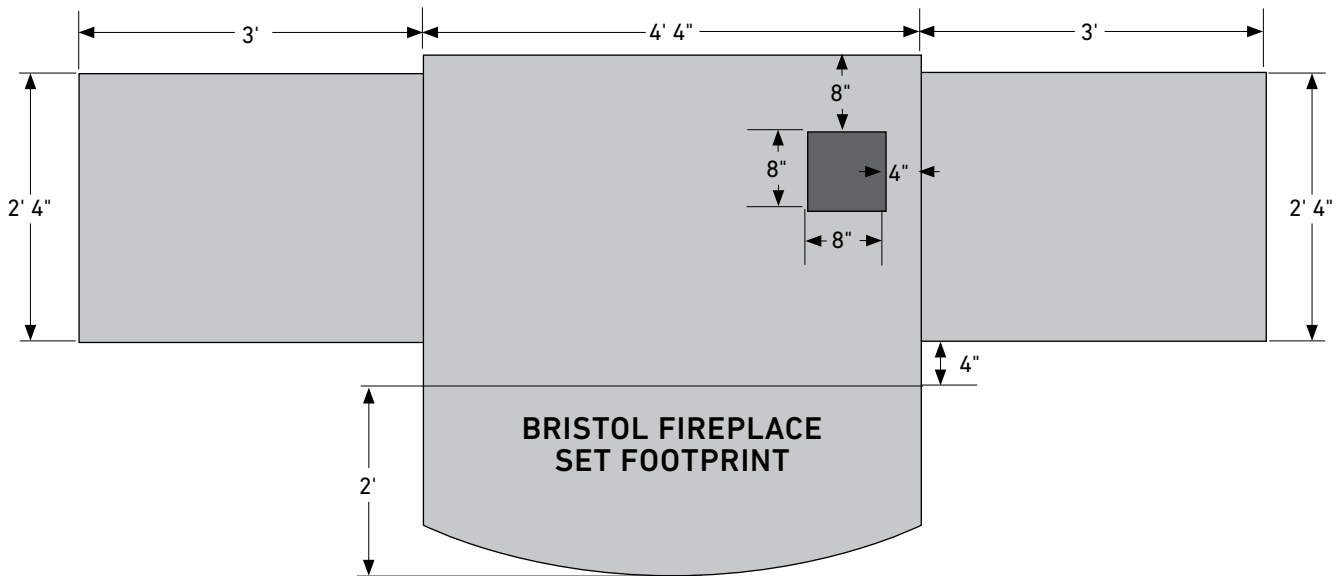
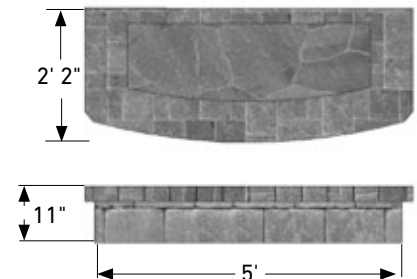
ARCHED HEARTH

70580262

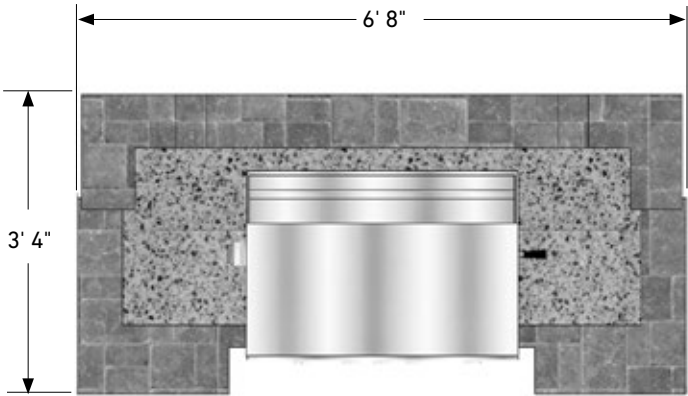
Colors: Weston Gascony Tan/
Arbel Ashbury Haze

70580309

Colors: Weston Cotswold Mist/
Arbel Brookstone Slate



BRISTOL™ SERIES



GRILL ISLAND

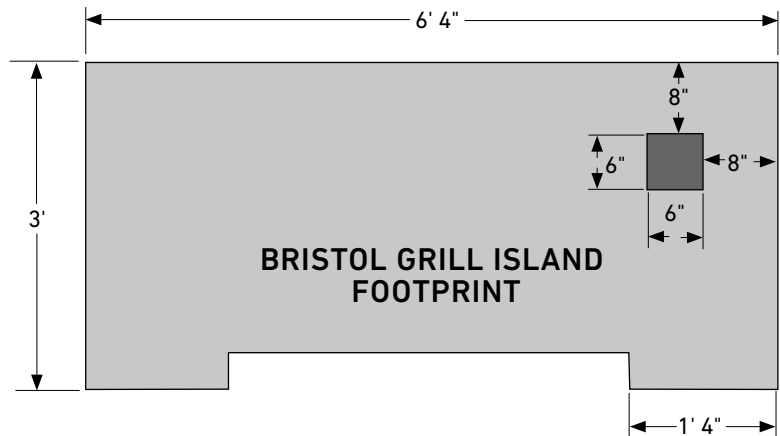
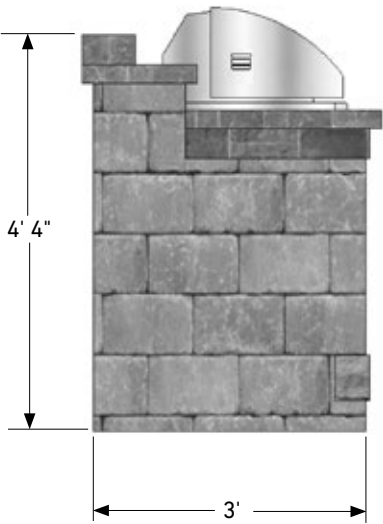
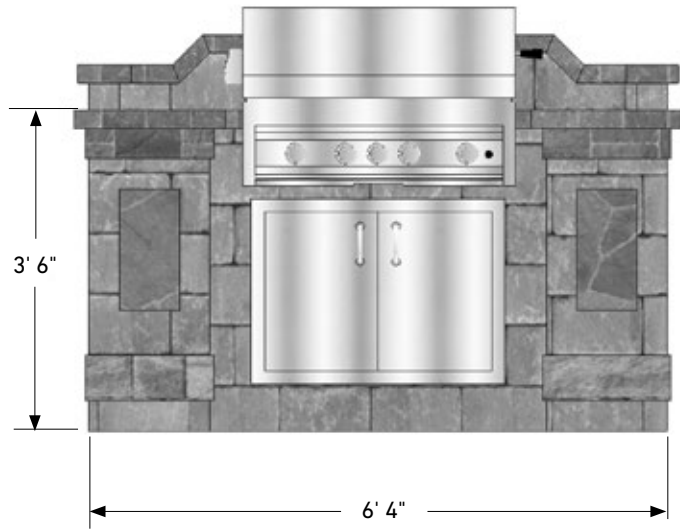
Rough Dimensions:
3'D x 6'8"W x 4'4"H

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



MELVILLE™ SERIES

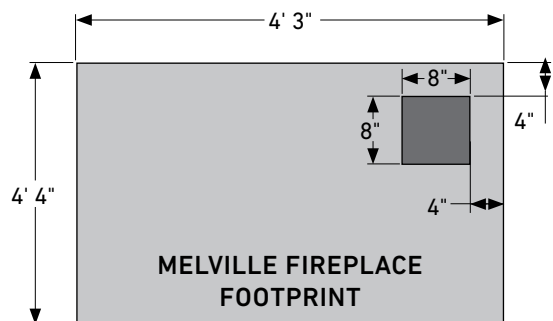
METROPOLITAN
COLLECTION



*Scan for additional
product information*



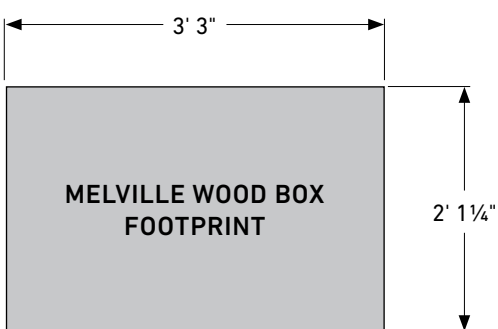
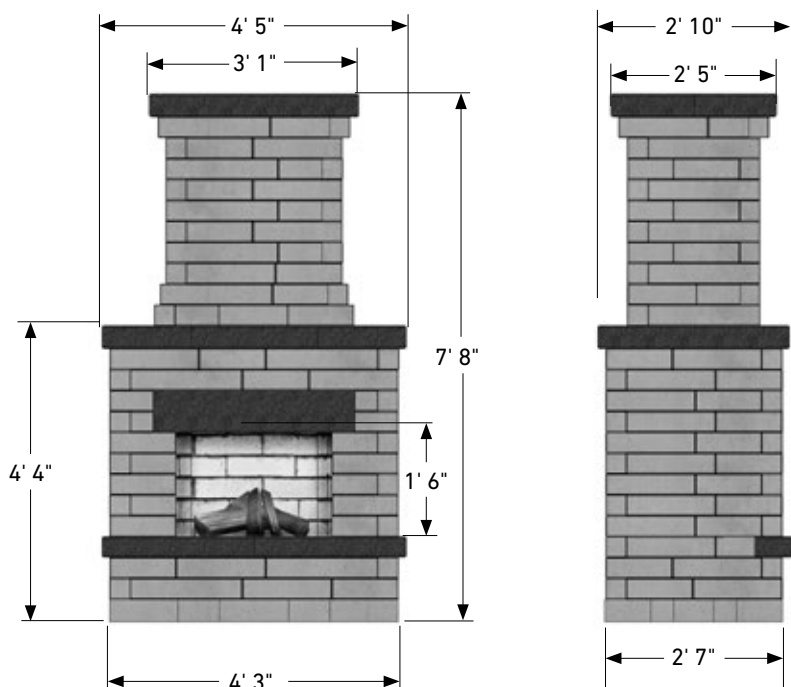
MELVILLE™ SERIES



FIREPLACE

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

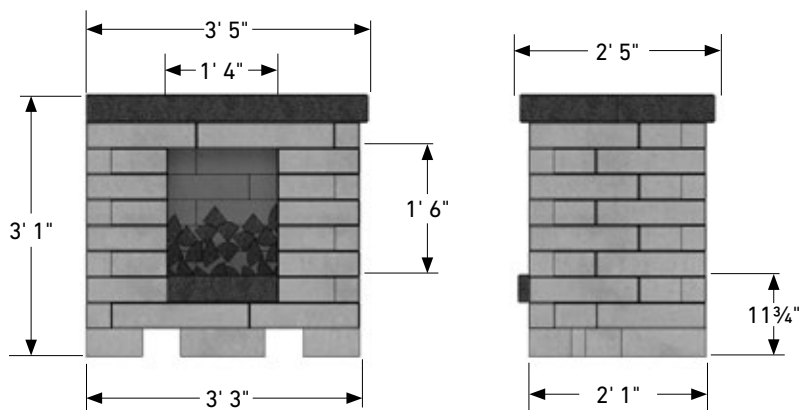
Approximate Weight:
4205 lbs.



WOOD BOXES

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

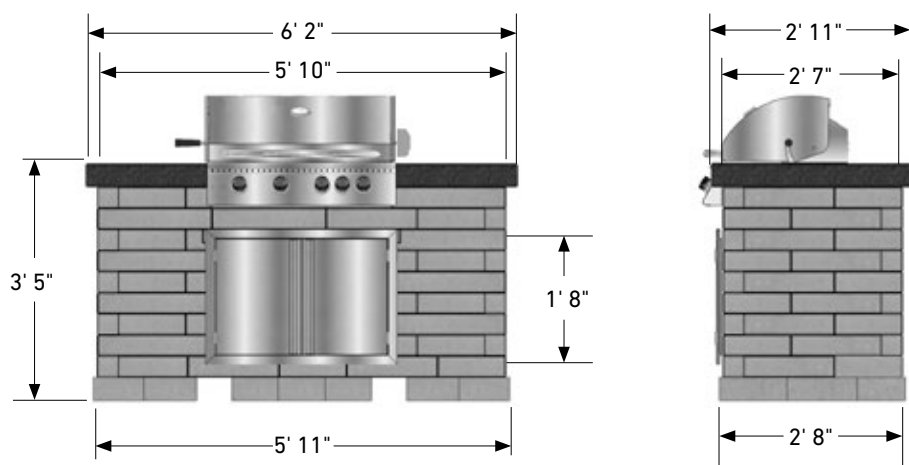
Approximate Weight:
3070 lbs. or 1535 lbs. each



GRILL ISLAND

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

Approximate Weight:
3500 lbs.

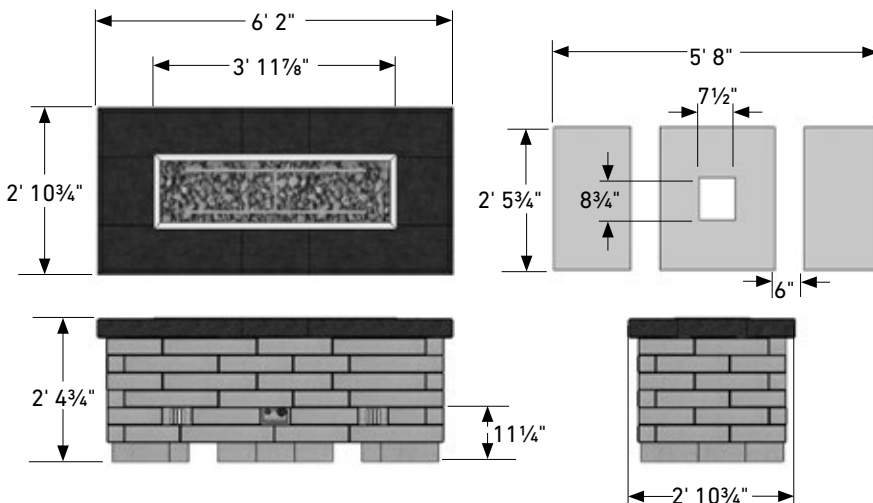


MELVILLE™ SERIES

LINEAR FIRE TABLE

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

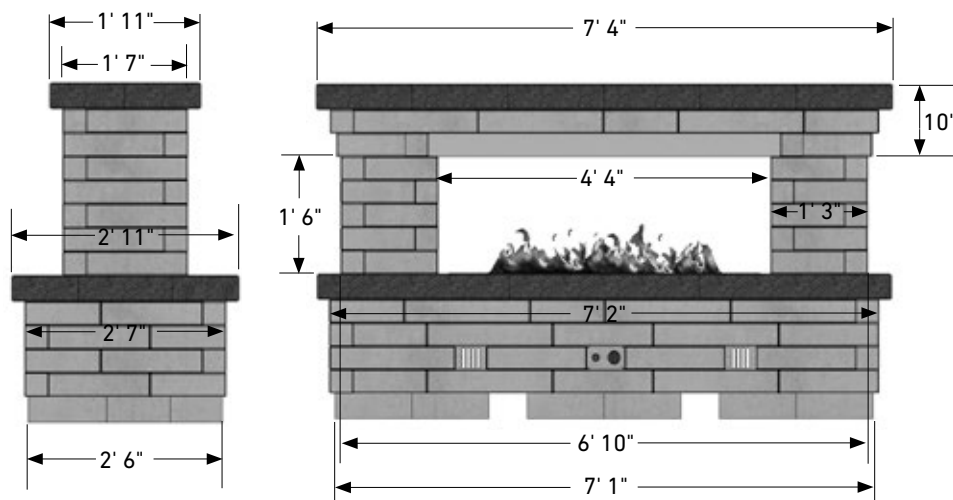
Approximate Weight:
2500 lbs.



LINEAR FIREPLACE

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

Approximate Weight:
4000 lbs.



FIREPLACE

13070020

Melville Wood Fireplace

Colors: Scandina Gray/Midnight

WOOD BOXES

13140010

Melville Wood Boxes (Pair)

Colors: Scandina Gray/Midnight

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

GRILL ISLAND

13110028

Melville Grill Island

Colors: Scandina Gray/Midnight

LINEAR FIREPLACE

13000026

Melville Linear Fireplace

Colors: Scandina Gray/Midnight

LINEAR FIRE TABLE

13000027

Melville Linear Fire Table

Colors: Scandina Gray/Midnight

ACCESSORIES

ACCESSORIES






89	Anchor® Column Cap	96	Landings™ Step
90	Anglia Edger®	99	Marina™ Coping
92	Artforms™	101	Melville™ Cap
94	Fountainhead Coping	102	Melville™ Curb
95	Laguna™ Universal	103	Unico

ANCHOR® COLUMN CAP

HERITAGE
COLLECTION 

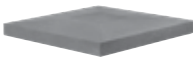


Scan for additional
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
				
✓			✓	

SHAPES & SIZES

Cap



28 x 28 x 4

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
CAP							
28 X 28 X 4	-	-	5	5	5	-	1200





Scan for additional
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
✓	✓			

SHAPES & SIZES

Multi-Piece Units



4½ x 7⅞ x 8



4½ x 8 x 10½



4½ x 8 x 15½



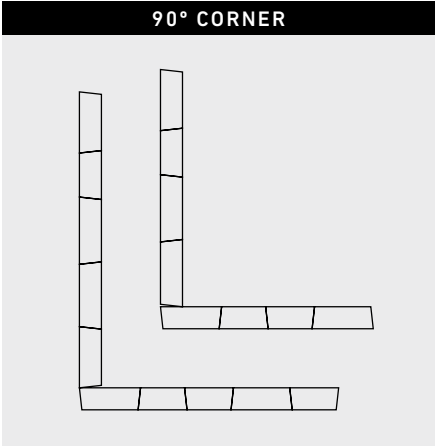
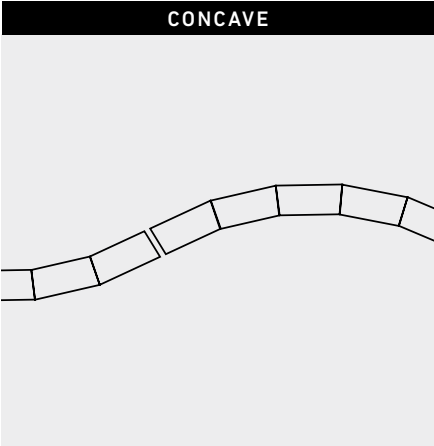
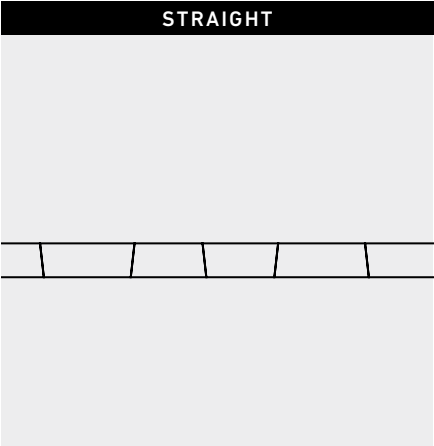
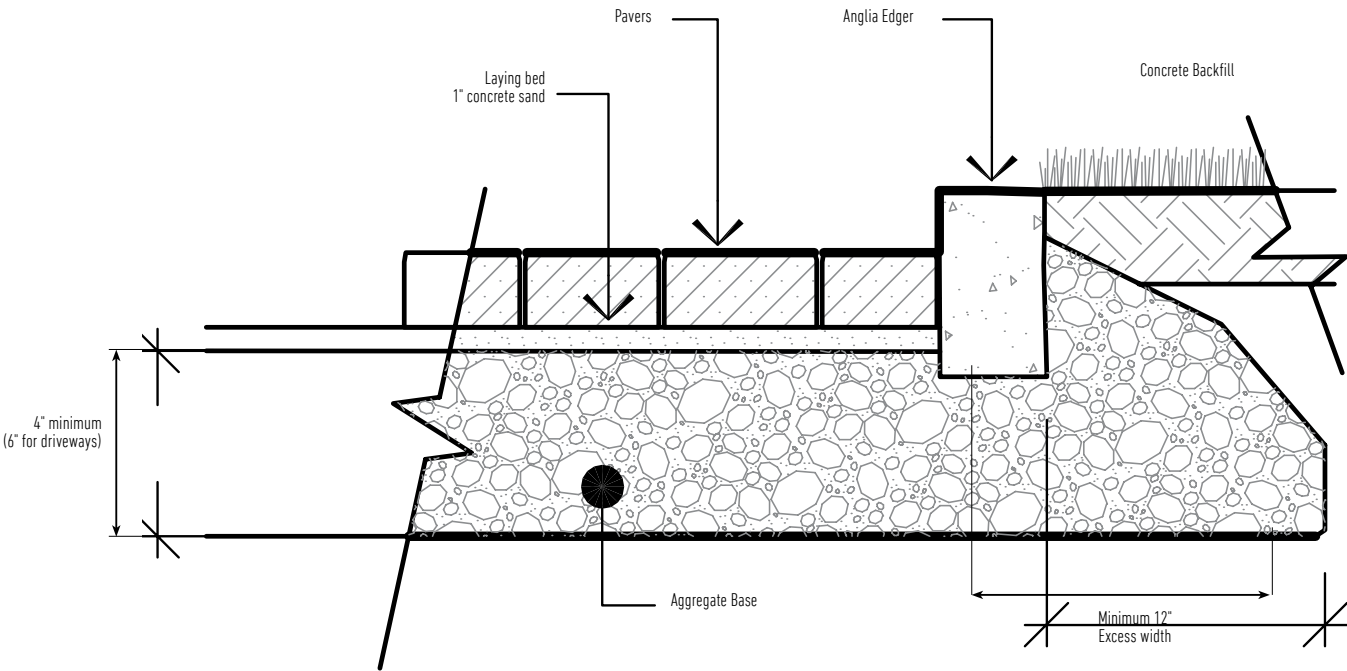
4½ x 8 x 17⅞

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

EDGER MULTI-PIECE UNITS









4½ X 7⅞ X 8	—	—	—	—	—	—	—
4½ X 8 X 10½	—	—	—	—	—	—	—
4½ X 8 X 15½	—	—	—	—	—	—	—
4½ X 8 X 17⅞	—	—	—	—	—	—	—
TOTAL	69.75	—	3	60	—	—	2650

ANGLIA EDGER INSTALLATION INSTRUCTIONS





Scan for additional
product information

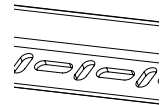
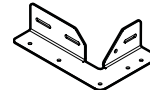
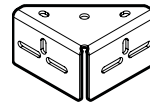
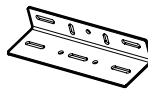
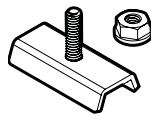
RESIDENTIAL	COMMERCIAL	STEPS	CAPS	FIRE PITS	KITCHEN	FREESTANDING WALL	RETAINING WALL
							
✓	✓			✓	✓	✓	

SHAPES & SIZES

18 x 36*

6 x 36*

Installation Hardware



18 x 36 x 3

6 x 36 x 3

Anchor
Slide & Nut
50 per box

Joining
Plate
10 per box

Outer
Corner
10 per box

Inner
Corner
10 per box

Stretcher
Bar
10 per box

*Pallets contain both open and closed ended units. Panels sold in full pallet quantities. Hardware sold in full box quantities.

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
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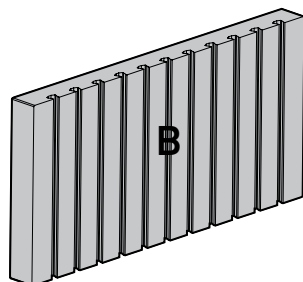
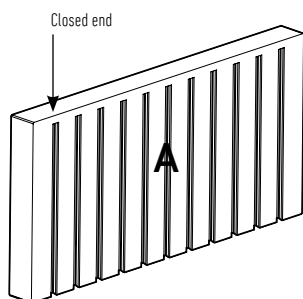
ARTFORMS

18 x 36 x 3	81	9	9	18*	—	4.5	2682
6 x 36 x 3	31.5	10.5	3	21*	—	1.5	1029

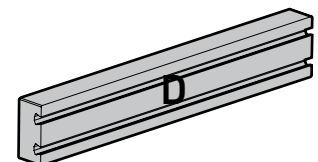
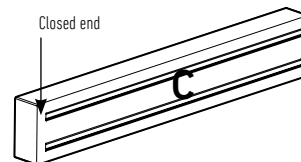
*18 x 36 pallets contains 9 open and 9 closed. 6x36 pallets contains 3 open and 18 closed.

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

18 X 36 X 3



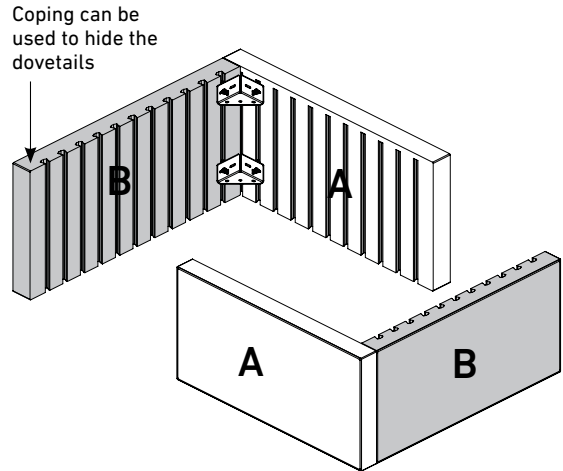
6 X 36 X 3



PANEL CONFIGURATIONS

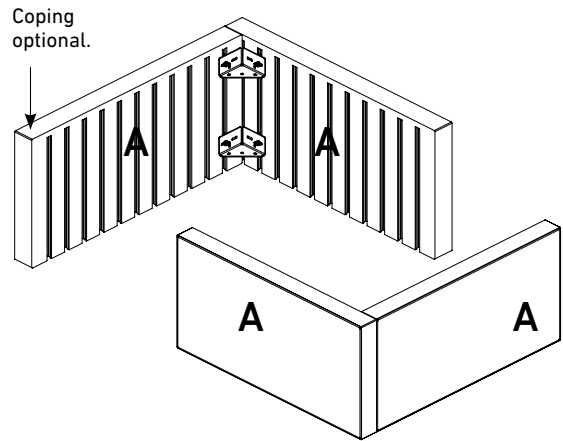
IDEAL:

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



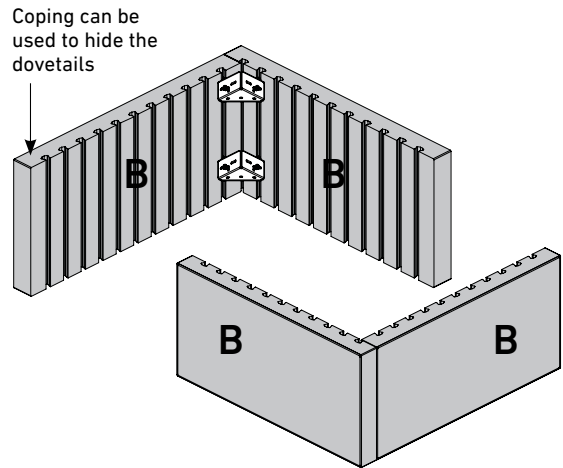
NOT OPTIMAL:

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.

FOUNTAINHEAD COPING

HERITAGE
COLLECTION **H**

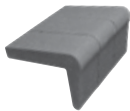


Scan for additional
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
✓	✓			✓

SHAPES & SIZES

Coping | 30mm








4¼ x 12 x 3½

*Dimensions represent width, depth and dropdown

UNIT	LNFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ SQFT	WEIGHT/ UNIT	WEIGHT/ PALLET
COPING 30MM							
4¼ X 12 X 3½	80 LNFT	–	6	240	–	–	1618

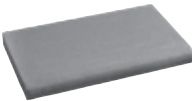


Scan for additional
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
				
✓	✓	✓	✓	✓

SHAPES & SIZES

63mm



$2\frac{3}{8} \times 14\frac{3}{16} \times 23\frac{5}{8}$

*Product Silo reflects a bullnose post processing.
Product comes standard with straight face*

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

LAGUNA UNIVERSAL | 63MM

$2\frac{3}{8} \times 14\frac{3}{16} \times 23\frac{5}{8}$	47.2	9.44	5	20	–	–	1369
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Scan for additional
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
✓	✓	✓		

SHAPES & SIZES

Step Unit



6 x 48 x 18

UNIT	LNFT/ PALLET	UNITS/ PALLET	LAYER/ PALLET	UNITS/ LAYER	UNITS/ LNFT	WEIGHT/ UNIT	WEIGHT/ PALLET
STEP UNIT							
6 X 48 X 18	24	6	3	2	—	420	2793



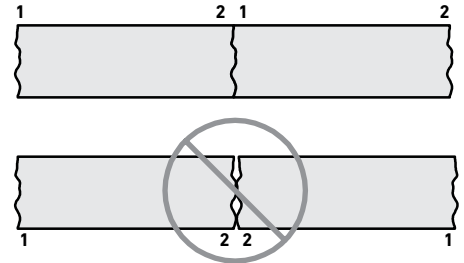
LANDINGS™ STEP UNIT INSTALLATION

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

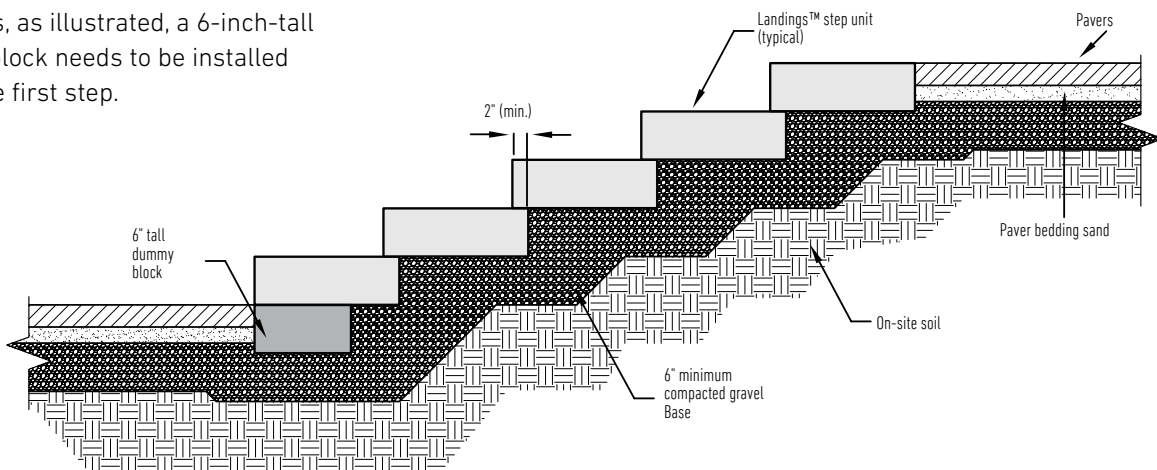
For each consecutive step, follow base course instructions, making sure the top of the base is even with the top of the previously installed unit. Recommended tread depth is a minimum of 10 inches, but no more than 16 inches. When installing steps adjacent to a finished surface such as pavers, as illustrated,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

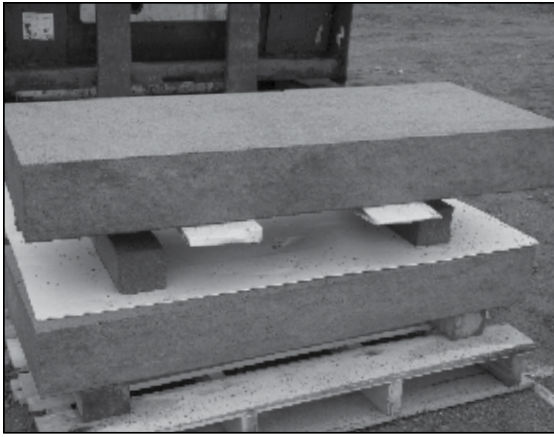
LANDING

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.



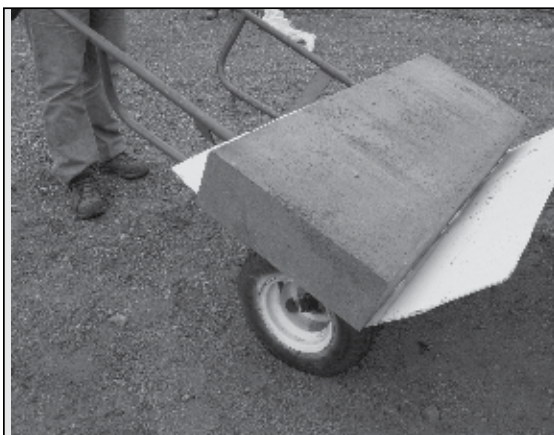
CLAMP

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

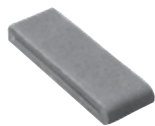


Scan for additional
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
✓	✓	✓		✓

SHAPES & SIZES

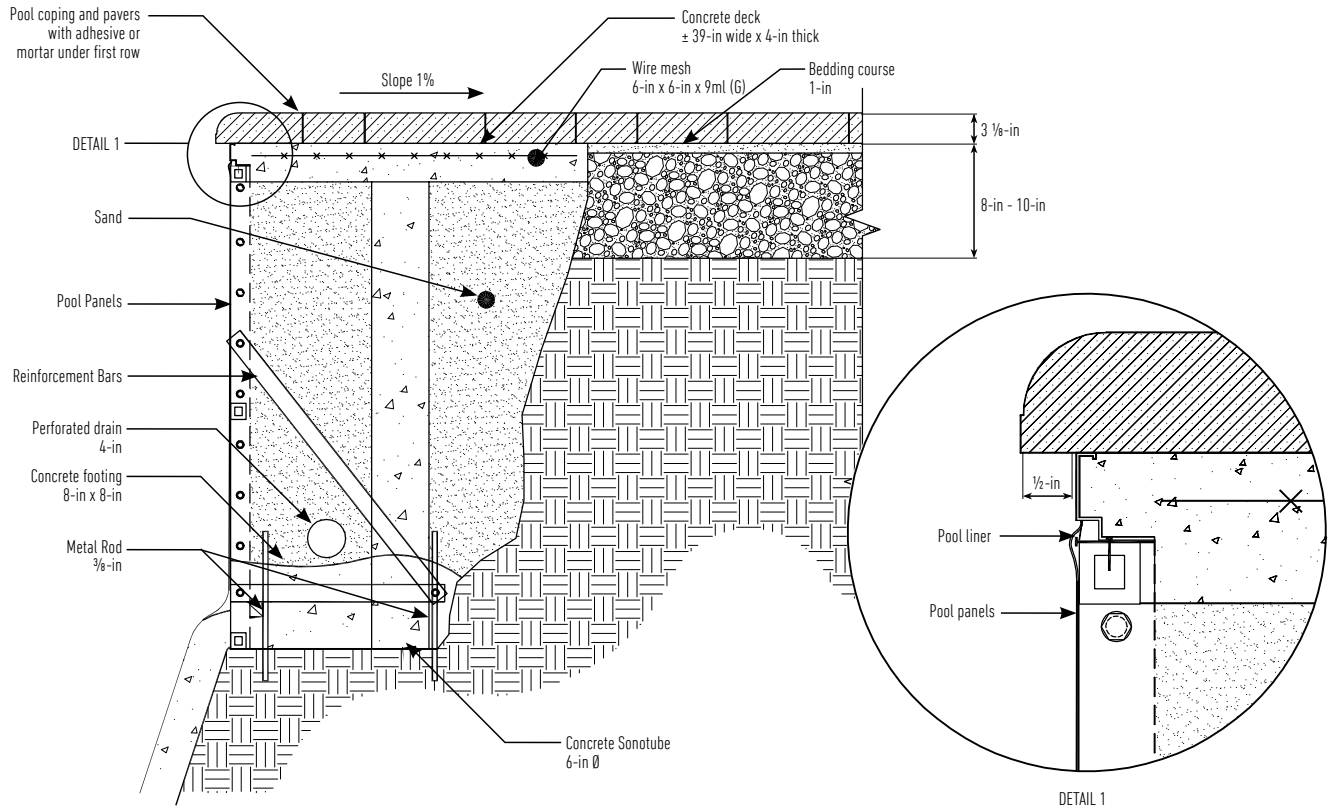
Coping Unit



3½ x 12 x 2⅜

UNIT	LNFT/ PALLET	LNFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
COPING UNIT							
3½ X 12 X 2⅜	108	13.5	8	324	–	–	2786

MARINA COPING - POOL INSTALLATION

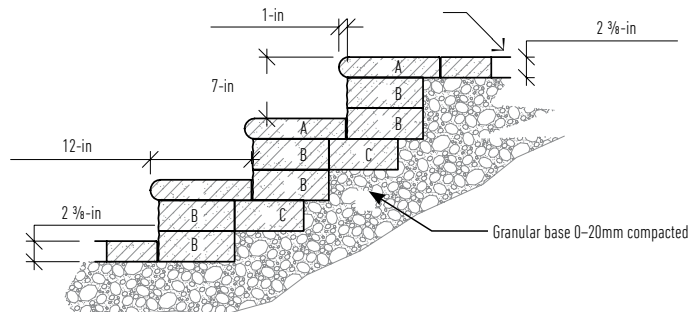


MARINA COPING - STEP INSTALLATION

OPTION 1

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

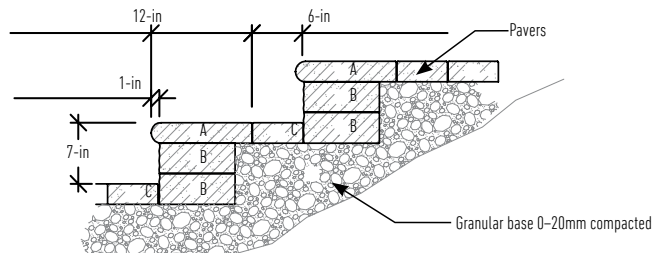
Note: All elements must be glued together with the concrete adhesive



OPTION 2

- A. Marina Coping
- B. Wall Block

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



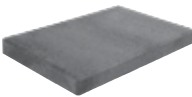


Scan for additional
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
✓			✓	

SHAPES & SIZES

Cap








20 x 13 x 2

UNIT	SQFT/ PALLET	SQFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ SQFT	WEIGHT/ PALLET
CAP							
20 X 13 X 2	100	10	10	60	–	–	2536



Scan for additional
product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
				
✓	✓			

SHAPES & SIZES

Curb



4⁷/₈ x 23⁵/₈ x 6¹/₂

UNIT	LNFT/ PALLET	LNFT/ LAYER	LAYER/ PALLET	UNITS/ PALLET	UNITS/ LAYER	UNITS/ LNFT	WEIGHT/ PALLET
CURB UNIT							
4 ⁷ / ₈ X 23 ⁵ / ₈ X 6 ¹ / ₂	96	24	4	48	–	–	2480

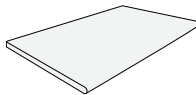


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product information

RESIDENTIAL	COMMERCIAL	STEPS	CAPS	COPING
✓		✓		✓

SHAPES & SIZES

Coping Unit



12.99 x 23.54 x 3/4

UNIT	WEIGHT/ BOX	PIECES/ BOX	LNFT/ BOX	BOXES/ PALLET	LNFT/ PALLET	WEIGHT/ PALLET
COPING						
12.99 X 23.54 X 3/4	52	3	6	40	240	2080

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