

FENDT

BLOCKS, PAVERS & WALL STONES



Quality Products for over 80 Years.

FENDT

BLOCKS, PAVERS & WALL STONES
2012 CATALOG



Quality Products for over 80 Years.



BLOCKS, PAVERS & WALL STONES

If Your Mind Imagines It — Fendt Can Create It.

Fendt block, paver, and wall stone products help turn thoughts into expressions and houses into dream homes. Whether you picture an exquisite patio, sidewalk, driveway, pool deck, or retaining wall, Fendt's unique custom concrete paver and wall systems can add value and natural beauty to any home or business.

Fendt products give you the freedom to design ideas that inspire your imagination and enhance your landscape environment with the natural beauty and old world charm of winding pathways, bi-level patios, and enchanting stairways. Go wild. Create a world of wonder, a lasting showcase to inspire for years to come. At Fendt, we're all about enhancing the beauty of imagination.

COVER PHOTO: HOLLAND 4X8 – BURGUNDY BLEND
FIRE PIT – CAMEL

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 Fendt is a proud member of both the Interlocking Concrete Pavement Institute (ICPI) and the National Concrete Masonry Association (NCMA). These organizations are recognized as the leading national associations for the advancement of properly designed and installed concrete paving stones and segmental retaining walls respectively. We recommend that installations of our quality products follow the accepted installation standards of the ICPI and NCMA.

FENDT PAVING STONES

The technology used in the creation of concrete interlocking paving stones originated in Germany after the Second World War. New highly efficient machinery came into use for manufacturing a variety of shapes and integrated colors of quality paving stones. The technology soon spread throughout Europe where concrete pavers were used to rebuild and add beauty to streets, sidewalks, and homes.

Fendt is a local pioneer in the design and production of such innovative and elegant paving stones, offering a full line of interlocking concrete pavers for decorating driveways, sidewalks, patios, pool decks – whatever you put your mind to.

Fendt's high-density, high-strength concrete pavers are guaranteed to exceed stringent American Society for Testing and Materials (ASTM) standards. To obtain such a high level of strength and durability, the paving stone material is tightly compacted during the manufacturing process, minimizing the amount of moisture absorbed and the effects of repeated freeze and thaw cycles. From initial design to manufacture, Fendt concrete paving stones are created with beauty in mind and made to last.

Beauty. Elegance. Enduring quality.
That's been the commitment from three generations of Fendt family members for more than 80 years.



OLD WORLD HOLLAND PAVERS



OLD WORLD RANDOM PAVERS



OLD WORLD VINTAGE PAVERS



VINTAGE PAVERS



HOLLAND PAVERS



SYMETRY PAVERS



HOLLAND 4x8 PAVERS



COBBLESTONE PAVERS

OLD WORLD HOLLAND 4x8

More and more today, homeowners are interested in creating the look and feel of old world Europe in their landscaping projects. With their rugged and weathered appearance, Old World Holland tumbled pavers deliver the look with style and distinction.



◀ OLD WORLD HOLLAND 4" x 8" – RUSTIC BLEND

OLD WORLD HOLLAND 4" x 8" – RUSTIC BLEND ▶

Old World Holland tumbled pavers are available in 4 x 8-inch size. Inventoried colors include Rustic Blend, Antique Blend, Walnut Blend, Mossy Oak Blend, Limestone Blend, Grindstone Blend, and Slate. All Fendt pavers are tumbled, not machine-faced.



OLD WORLD HOLLAND 4" x 8" – RUSTIC BLEND ▶

OLD WORLD HOLLAND 4" X 8"

Units per sq. ft.: 4.5
 Sq. ft. per cube: 108
 Weight per sq. ft.: 28 lbs
 Weight per cube: 3,024 lbs

Sq. ft. per strap: 18
 Soldier Coursing:
 Per Strap – 27 lineal feet
 Per Cube – 162 lineal feet



O.W. RUSTIC BLEND



O.W. ANTIQUE BLEND



O.W. WALNUT BLEND



O.W. LIMESTONE BLEND



O.W. GRINDSTONE BLEND



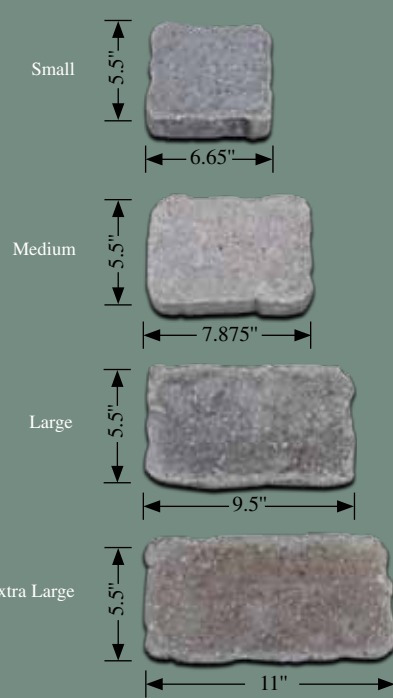
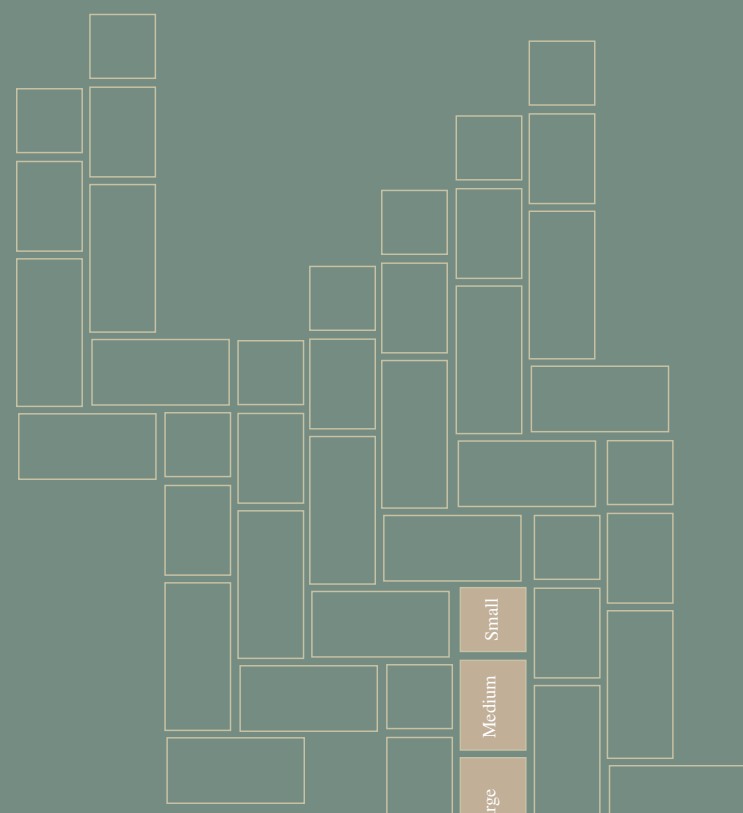
O.W. MOSSY OAK BLEND



O.W. SLATE

OLD WORLD RANDOM

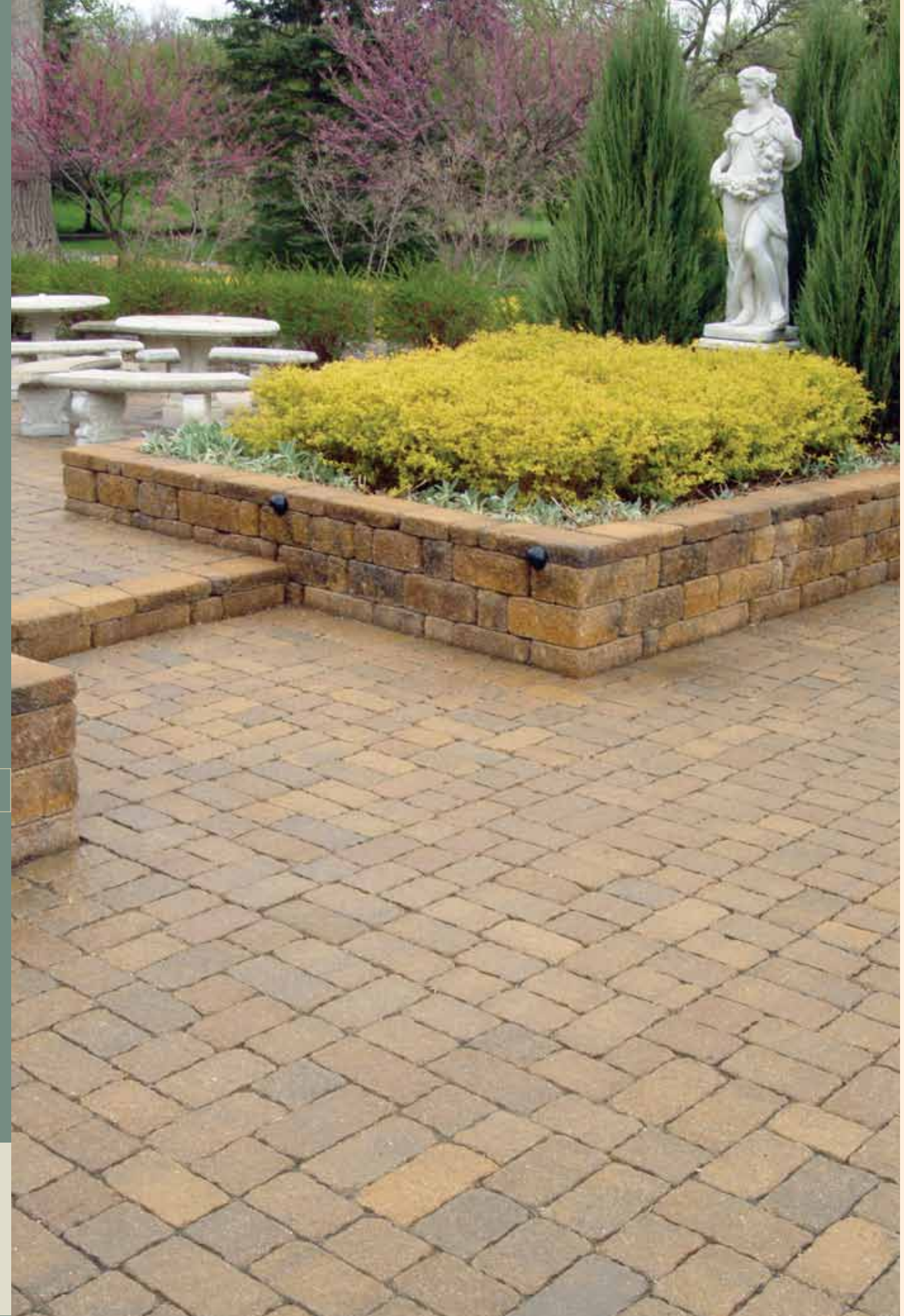
For the ultimate in old world style and warmth, Fendt offers Old World Random tumbled pavers. With their random sizes and rugged, weathered appearance, Old World Random pavers bring a touch of distinction to any landscaping project.



OLD WORLD RANDOM – WALNUT BLEND
WALL: OLD WORLD COUNTRY MANOR – WALNUT BLEND

OLD WORLD RANDOM – WALNUT BLEND

Sold by Sets – Pieces/Set: 4
Sq. ft. per Set: 1.33
Sq. ft. per Pallet: 96
Sets/Pallet: 72
Weight/Pallet: 2,407 lbs



O.W. WALNUT BLEND



O.W. LIMESTONE BLEND

OLD WORLD VINTAGE

Homeowners looking for the warmth and charm of old world Europe are naturally drawn to Old World Vintage pavers. With their distinctive and weathered appearance, Old World Vintage pavers look as though they have been unearthed from an ancient European village.



▲ OLD WORLD VINTAGE – SEASHELL BLEND
INSET: BURGUNDY BLEND



O.W. RUSTIC BLEND



O.W. WALNUT BLEND



O.W. LIMESTONE BLEND



O.W. BURGUNDY BLEND



O.W. MOSSY OAK BLEND



O.W. SEASHELL BLEND



O.W. POLAR ASH

◀ OLD WORLD VINTAGE
- LIMESTONE BLEND
STEPS: HOLLAND 4X8
- SLATE
WALLS: OLD WORLD
STONEGATE
- LIMESTONE BLEND

OLD WORLD VINTAGE



OLD WORLD VINTAGE - POLAR ASH
OLD WORLD COUNTRY MANOR - SLATE

OLD WORLD VINTAGE SERIES

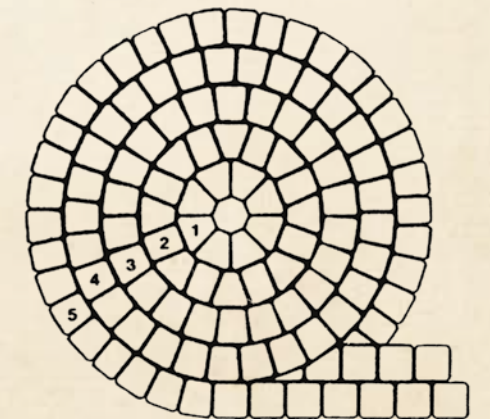


LARGE SQUARE CUBE		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.		
	Large Square 9½" x 9½" x 2⅜"	1.65	20	12.1	160	97	19.4	28		
DOUBLE LARGE RECTANGLE CUBE		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.		
	Double Large Rectangle 7⅞" x 9½" x 2⅜"	2.2	25	11.36	200	91	18.2	28		
XL RECTANGLE CUBE		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.	SOLDIER COURSING LINEAL FOOTAGE	
	Extra Large Rectangle 9½" x 4¾" x 2⅜"	3.1	35	11.2	280	90	17.92	28	CUBE	STRAP
111	22.2									
LARGE RECTANGLE CUBE		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.	SOLDIER COURSING LINEAL FOOTAGE	
	Large Rectangle 7⅞" x 4¾" x 2⅜"	4.2	42	10.0	336	80	13.33	28	CUBE	STRAP
133	22.2									
SQUARE CUBE		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.		
	Square 4¾" x 4¾" x 2⅜"	6.3	63	10.0	504	80	8.89	28		
CIRCLE BOX (1 CIRCLE PER BOX)		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.		
	Square 4¾" x 4¾" x 2⅜"	6.3			56	8.85		28		
	Large Circle 4⅞" x 4⅞" x 2⅜"	8.3			120	14.45		28		
	Small Circle 4⅞" x 4⅞" x 2⅜"	8.7			16	1.8		28		
	Half Stone 4¾" x 3⅝" x 2⅜"	8.4			84	10		28		
	Center Stone 4¾" x 3⅝" x 2⅜"	9.0			4	0.4		28		
Totals for Cube					280	35.5		1988 lbs.		

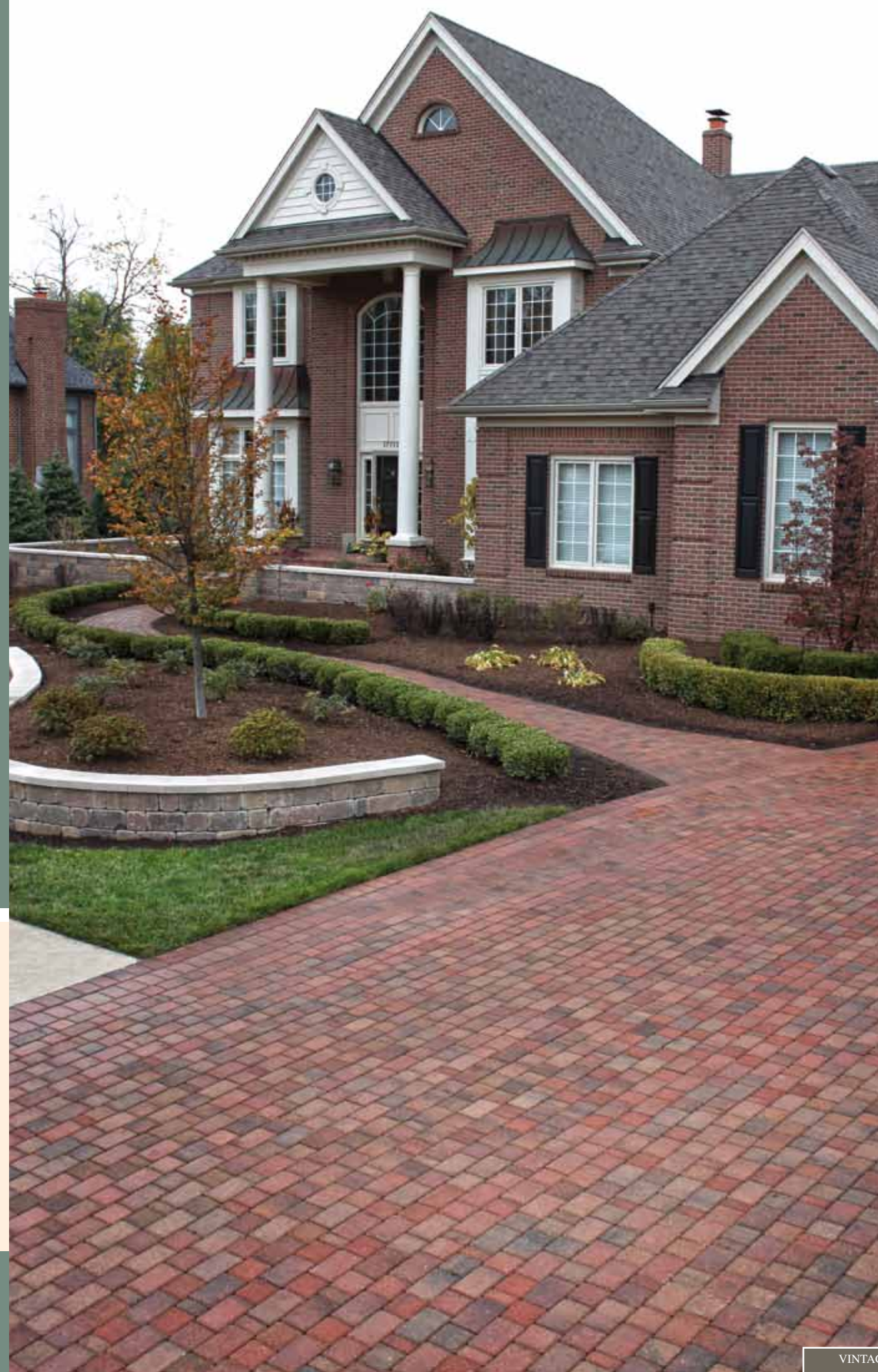
LAYING A CIRCLE

ROW NUMBER	SMALL CIRCLE	LARGE CIRCLE	HALF STONE	SQUARE STONE	DIAMETER (INCHES)	SEQUENCE
1	8	—	—	—	14⅞"	Next to each other
2	8	—	8	—	23½"	SC, HS, SC, HS, etc.
3	—	24	—	—	33	Next to each other
4	—	24	7	1	42½"	LC, LC, LC, HS, LC, LC, LC, HS, ect., plus a square at random
5	—	24	16	—	52	HS, LC, HS, LC, LC, HS, LC, HS, LC, LC, etc.
6	—	24	24	—	61½"	LC, HS, LC, HS, etc.
7	—	22	23	9	71	LC, HS, LC, HS, Square, LC, HS, LC, HS, Square, etc.

Note: The extra square stones left from the Circle Cube can be used to enlarge the circle and to complete your project used by themselves or with the stones from the Square/Small Rectangle (SSR) Cube and Large Rectangle (LR) Cube.



VINTAGE



▲ VINTAGE – LIMESTONE BLEND

Set your imagination free with the versatility of Fendt Vintage pavers. Create sweeping lines and dramatic design configurations that will delight you and your family for years to come.

◀ VINTAGE – RUSTIC BLEND

VINTAGE – RUSTIC BLEND ▶



RUSTIC BLEND



ANTIQUE BLEND



FOREST BLEND



SANDSTONE BLEND



WALNUT BLEND



LIMESTONE BLEND

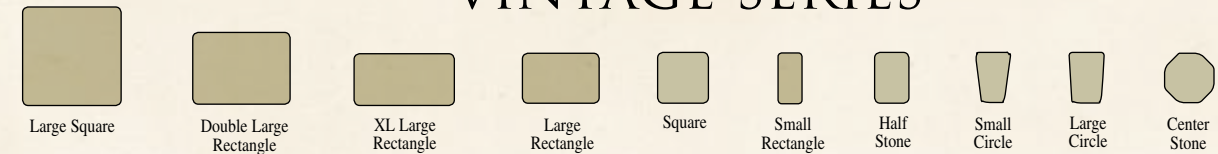


MAPLEWOOD BLEND

VINTAGE



VINTAGE SERIES

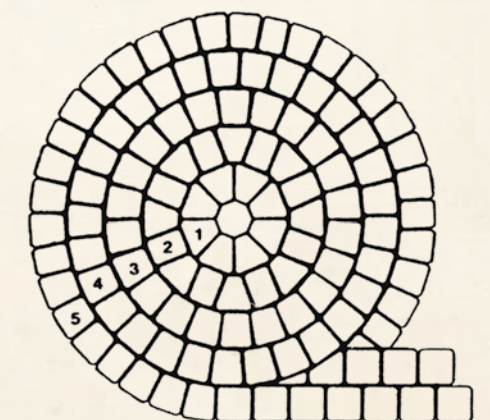


LARGE SQUARE CUBE		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.		
	Large Square 9½" x 9½" x 2⅜"	1.65	20	12.1	160	97	19.4	28		
DOUBLE LARGE RECTANGLE CUBE		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.		
	Double Large Rectangle 7⅞" x 9½" x 2⅜"	2.2	25	11.36	200	91	18.2	28		
XL RECTANGLE CUBE		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.	SOLDIER COURSING LINEAL FOOTAGE	
	Extra Large Rectangle 9½" x 4¾" x 2⅜"	3.1	35	11.2	280	90	17.92	28	CUBE	STRAP
									111	22.2
LARGE RECTANGLE CUBE		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.	SOLDIER COURSING LINEAL FOOTAGE	
	Large Rectangle 7⅞" x 4¾" x 2⅜"	4.2	42	10.0	336	80	13.33	28	CUBE	STRAP
									133	22.2
SQUARE & SMALL RECTANGLE CUBE (Sold in ratio of 3 squares to 1 small rectangle only)		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.		
	Square 4¾" x 4¾" x 2⅜"	6.3	54	8.5	432	68.6	8.89	28		
	Small Rectangle 4¾" x 2⅞" x 2⅜"	12.6	18	1.4	144	11.4		28		
Totals for Cube			72		576	80		2440 lbs.		
CIRCLE CUBE (Sold in full and half cubes only - 2 circles per cube)		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.		
	Square 4¾" x 4¾" x 2⅜"	6.3	14	2.2	112	17.7		28		
	Large Circle 4⅞" x 4⅞" x 2⅜"	8.3	30	3.6	240	28.9		28		
	Small Circle 4⅞" x 4⅞" x 2⅜"	8.7	4	0.5	32	3.6		28		
	Half Stone 4¾" x 3⅞" x 2⅜"	8.4	21	2.5	168	20		28		
	Center Stone 4¾" x 3⅞" x 2⅜"	9.0	1	0.1	8	0.8		28		
Totals for Cube			70		560	71		1988 lbs.		

LAYING A CIRCLE

ROW NUMBER	SMALL CIRCLE	LARGE CIRCLE	HALF STONE	SQUARE STONE	DIAMETER (INCHES)	SEQUENCE
1	8	—	—	—	14⅞"	Next to each other
2	8	—	8	—	23½"	SC, HS, SC, HS, etc.
3	—	24	—	—	33	Next to each other
4	—	24	7	1	42½"	LC, LC, LC, HS, LC, LC, LC, HS, etc., plus a square at random
5	—	24	16	—	52	HS, LC, HS, LC, LC, HS, LC, HS, LC, LC, etc.
6	—	24	24	—	61½"	LC, HS, LC, HS, etc.
7	—	22	23	9	71	LC, HS, LC, HS, Square, LC, HS, LC, HS, Square, etc.

Note: The extra square stones left from the Circle Cube can be used to enlarge the circle and to complete your project used by themselves or with the stones from the Square/Small Rectangle (SSR) Cube and Large Rectangle (LR) Cube.

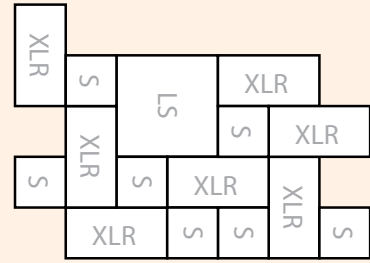


VINTAGE PATTERNS

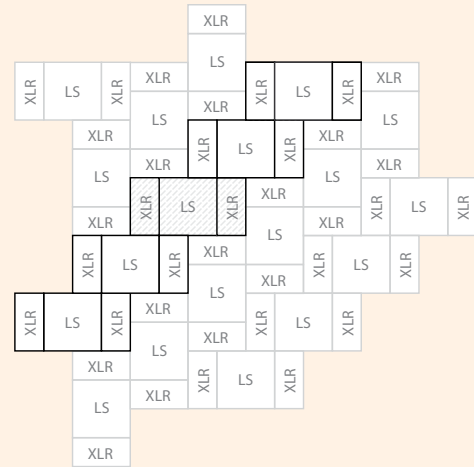
LEGEND: S (Square) LR (Large Rectangle) XLR (Extra Large Rectangle)
LS (Large Square) DLR (Double Large Rectangle)



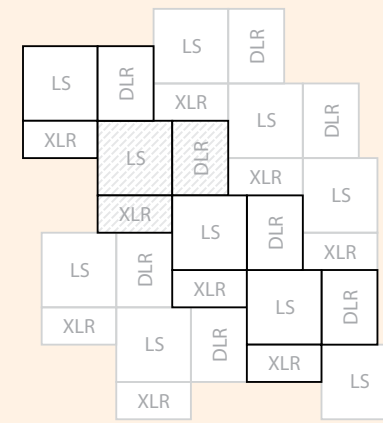
PATTERN 1 2 DLR 34%
1 LS 22%
2.83 square feet 4 XLR 44%



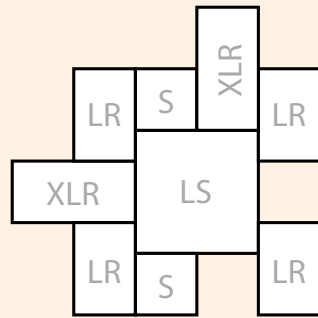
PATTERN 5 7 S 28%
7 XLR 56%
3.91 square feet 1 LS 16%



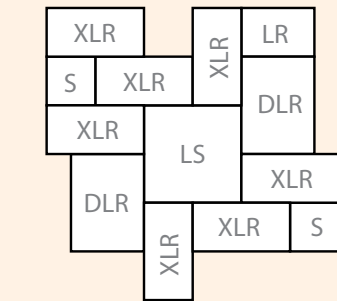
PATTERN 9 2 XLR 50%
1 LS 50%
1.25 square feet



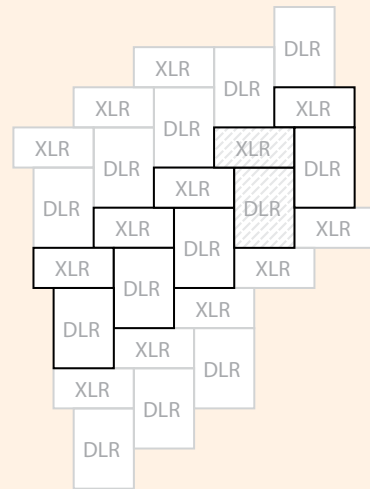
PATTERN 12 1 XLR 22%
1 DLR 34%
1.41 square feet 1 LS 44%



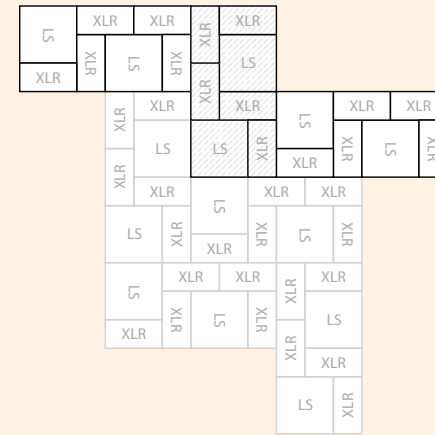
PATTERN 2 2 S 12%
1 LR 6%
2.52 square feet 4 LR 38%
2 XLR 25%
1 LS 25%



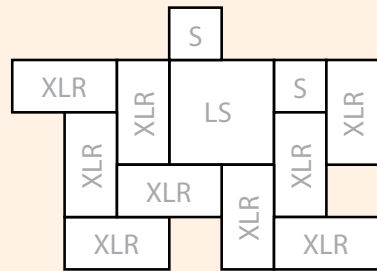
PATTERN 6 2 S 7%
1 LR 6%
4.32 square feet 7 XLR 51%
2 DLR 22%
1 LS 14%



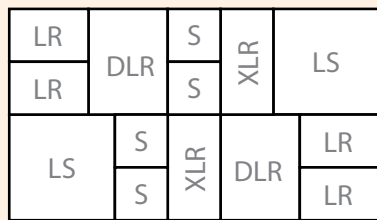
PATTERN 10 1 XLR 40%
1 DLR 60%
.79 square feet



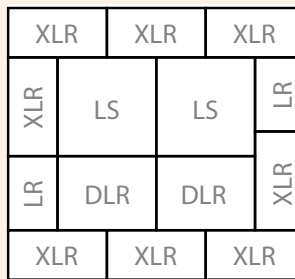
PATTERN 13 5 XLR 56%
2 LS 44%
2.81 square feet



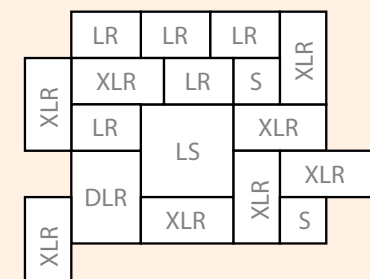
PATTERN 3 9 XLR 75%
1 LS 17%
3.75 square feet 2 S 8%



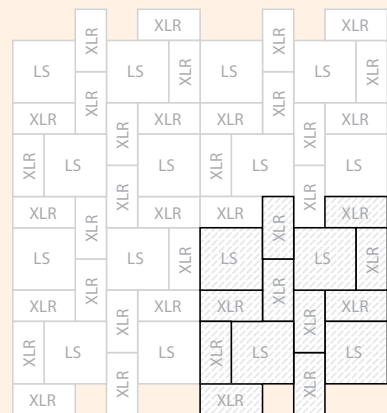
PATTERN 7 4 S 14%
4 LR 22%
4.41 square feet 2 XLR 14%
2 DLR 22%
2 LS 28%



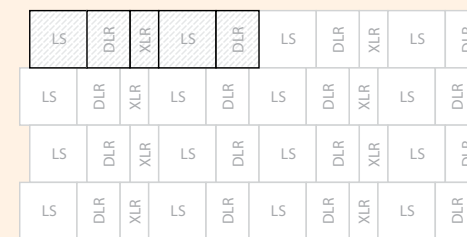
PATTERN 4 2 LR 9%
8 XLR 48%
5.18 square feet 2 DLR 19%
2 LS 24%



PATTERN 8 2 S 6%
5 LR 24%
5.10 square feet 8 XLR 49%
1 DLR 9%
1 LS 12%

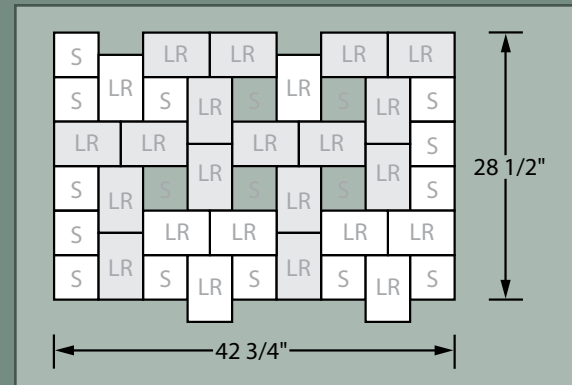


PATTERN 11 10 XLR 56%
4 LS 44%
5.62 square feet

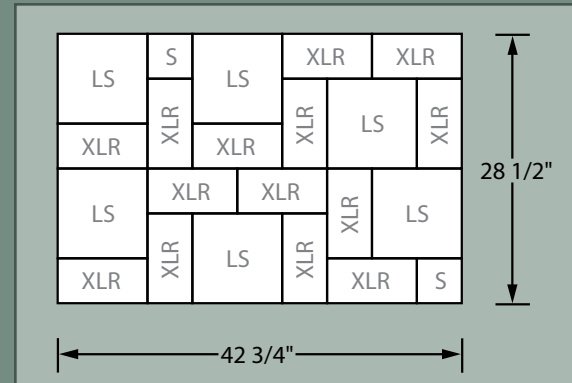


PATTERN 14 2 LS 50%
2 DLR 38%
2.51 square feet 1 XLR 12%

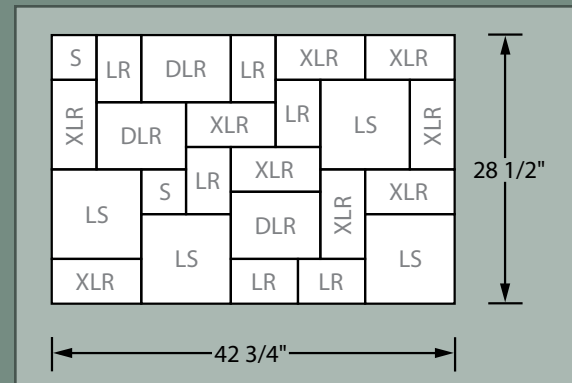
SIDEWALK PATTERNS



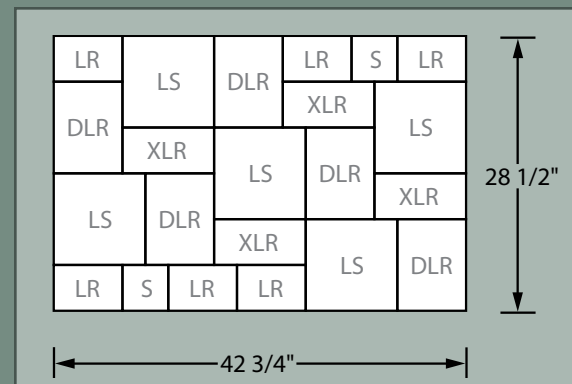
SIDEWALK PATTERN 1
8.48 square feet
18 S 33%
24 LR 67%



SIDEWALK PATTERN 2
8.48 square feet
2 S 4%
14 XLR 53%
6 LS 43%



SIDEWALK PATTERN 3
8.48 square feet
2 S 4%
6 LR 17%
9 XLR 33%
3 DLR 17%
4 LS 29%



SIDEWALK PATTERN 4
8.48 square feet
2 S 3%
6 LR 17%
4 XLR 15%
5 DLR 28%
5 LS 37%

	SQ. FT. PER CUBE	UNITS PER SQ. FT.	UNITS PER CUBE	SQ. FT. PER STRAP
Square (O.W. only)	80	6.3	198	8.89
Square/Small Rectangle	80		576	8.89
Large Rectangle	80	4.2	336	13.33
Extra Large Rectangle	90	3.1	280	17.92
Double Large Rectangle	91	2.2	200	18.2
Large Square	97	1.6	160	19.4

SYMETRY

When you're striving for distinctiveness and a custom look, consider Symetry pavers — a Fendt original shape. Use Symetry pavers alone or with Fendt 6 x 6-inch pavers to create a multitude of custom designs.

VENETIAN PATTERN – AUTUMN BLEND WITH BROWN SQUARES ▶



▲ DIAMOND RUNNER PATTERN – WALNUT BLEND

◀ EMBASSY ROW PATTERN – WALNUT BLEND WITH BROWN SQUARES

VENETIAN PATTERN – AUTUMN BLEND WITH BROWN SQUARES ▶

Fendt Symetry pavers offer the long-lasting quality and durability that has been a hallmark of Fendt products for 80 years.



SYMETRY

Units per sq. ft.: 3.4
Sq. ft. per cube: 84
Weight per sq. ft.: 28 lbs
Weight per cube: 2,352 lbs
Sq. ft. per strap: 21



6" X 6" SQUARE

Units per sq. ft.: 4.0
Sq. ft. per cube: 92
Weight per sq. ft.: 28 lbs
Weight per cube: 2,576 lbs
Sq. ft. per strap: 13.14



Symetry Colors



RUSTIC BLEND



ANTIQUE BLEND



AUTUMN BLEND



WALNUT BLEND

6 x 6 Square Colors



SLATE

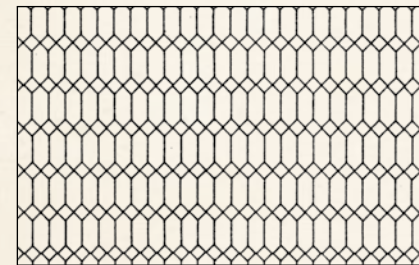


BROWN

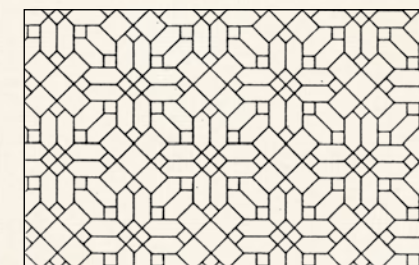
SYMETRY



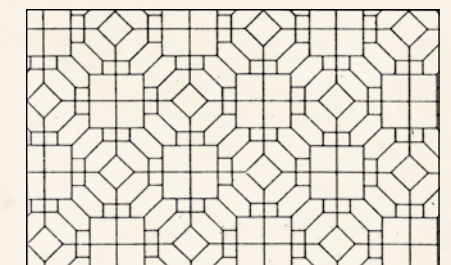
SYMETRY® PATTERNS (SHOWN WITH 6" X 6")



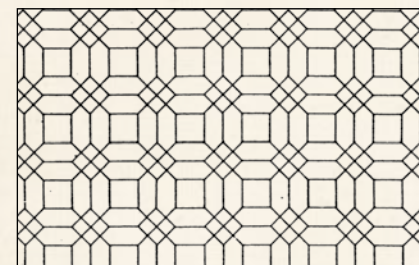
Diamond Run Pattern 100% SYMETRY®



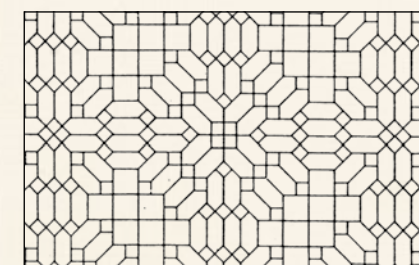
Pattern 74.5% SYMETRY® 25.5% SQUARES



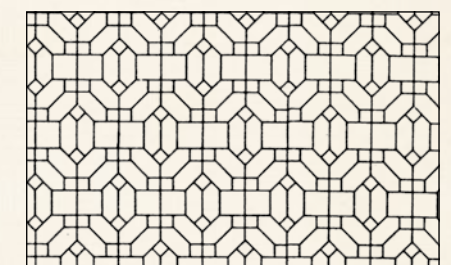
Grand Parquet Pattern 66.2% SYMETRY® 33.8% SQUARES



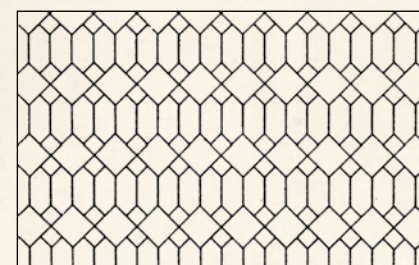
Venetian Parquet Pattern 83% SYMETRY® 17% SQUARES



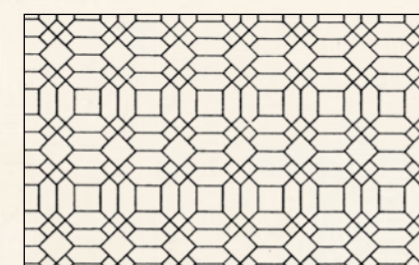
Regency Pattern 83% SYMETRY® 17% SQUARES



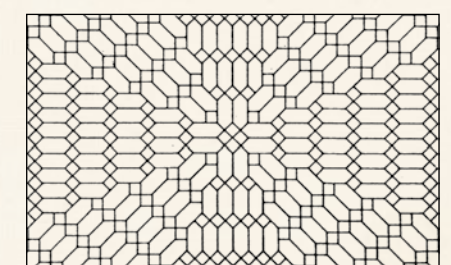
Interpace Pattern 78.5% SYMETRY® 21.5% SQUARES



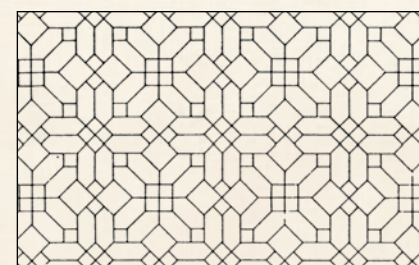
Embassy Row Pattern 71% SYMETRY® 29% SQUARES



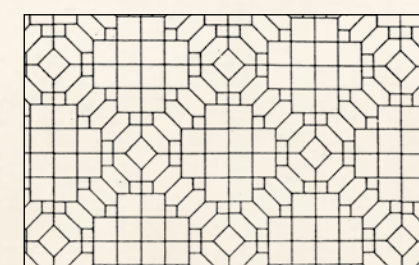
Georgian Parquet Pattern 78.5% SYMETRY® 21.5% SQUARES



Rondolais Pattern 100% SYMETRY®



Palace Parquet Pattern 83% SYMETRY® 17% SQUARES



Pattern R.S. 53% SYMETRY® 47% SQUARES

Approximate Scale: 1/4" = 1'
(Percentages in Square Feet)

◀ VENETIAN PARQUET PATTERN – AUTUMN BLEND
6X6 – SLATE

HOLLAND 4x8

Many times, simple designs help define the most beautiful of landscaping projects. The clean and simple lines of Fendt Holland pavers offer a measure of understated elegance and enduring beauty.



RUSTIC BLEND



ANTIQUE BLEND



AUTUMN BLEND



FOREST BLEND



SANDSTONE BLEND



WALNUT BLEND



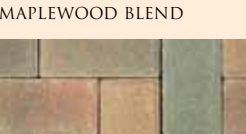
CHARCOAL BLEND



LIMESTONE BLEND



MAPLEWOOD BLEND



MOSSY OAK BLEND

HOLLAND 4X8 – BURGUNDY BLEND AND BUCKSKIN ▲



HOLLAND 4" X 8"

Units per sq. ft.: 4.5
 Sq. ft. per cube: 108
 Weight per sq. ft.: 28 lbs
 Weight per cube: 3,024 lbs

Sq. ft. per strap: 18
 Soldier Coursing:
 Per Strap – 27 lineal feet
 Per Cube – 162 lineal feet



HOLLAND 4X8 – WALNUT BLEND ▲

COPPER



RED



BUCKSKIN



PEWTER



BROWN



SLATE



▲ HOLLAND 4X8 – ANTIQUE BLEND

HOLLAND 4X8

PAVERS

COBBLESTONE

Create the simple beauty of yesterday with Fendt Cobblestone pavers. Fendt Cobblestone pavers are ideal for driveways, walkways, and patios, or wherever simple beauty is top-of-mind.

Fendt Cobblestone pavers feature a classic "key-hole" shape and clean repeating pattern. Available in two colors.



▲ COBBLESTONE – EARTH BLEND



◀ COBBLESTONE – EARTH BLEND

COBBLESTONE — 2 3/8" thick

Units per sq. ft.: 3.5
 Sq. ft. per cube: 103
 Weight per sq. ft.: 28 lbs
 Weight per cube: 2,884 lbs
 Sq. ft. per strap: 20.6

COBBLESTONE – EARTH BLEND ▼



RUSTIC BLEND



WALNUT BLEND

HOLLAND SERIES

Fendt's Holland Series pavers give you the flexibility to fashion a variety of landscape designs. Create unique and distinct patterns using traditional Holland 4 x 8-inch pavers, along with 8 x 8-inch, and 12 x 12-inch pavers.

The design possibilities are endless with classic Fendt Holland Series pavers.



RUSTIC BLEND



WALNUT BLEND



LIMESTONE BLEND



GOLDEN SAGE

HOLLAND 4 X 8

2 3/8" thick
 Units per sq. ft.: 4.5
 Sq. ft. per cube: 108
 Weight per sq. ft.: 28 lbs
 Weight per cube: 3,024 lbs
 Sq. ft. per strap: 18

HOLLAND 12 X 12

2 3/8" thick
 Units per sq. ft.: 1.00
 Sq. ft. per cube: 72
 Weight per sq. ft.: 28 lb
 Weight per cube: 2,016 lbs
 Sq. ft. per strap: 18

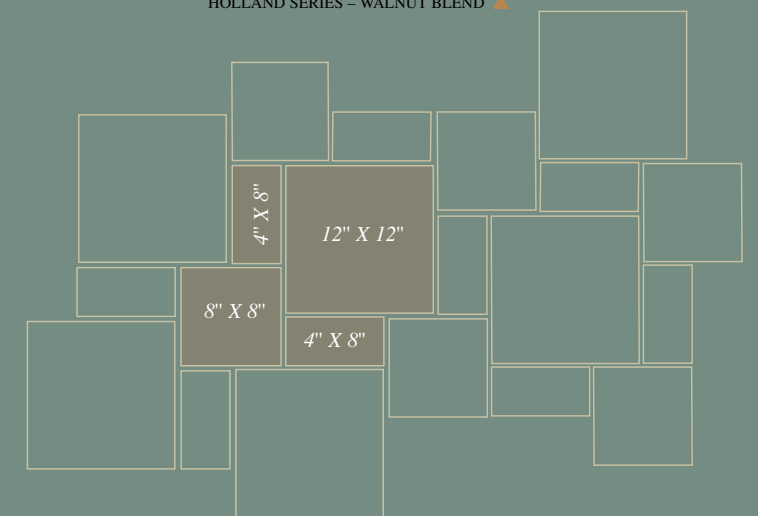
HOLLAND 8 X 8

2 3/8" thick
 Units per sq. ft.: 2.25
 Sq. ft. per cube: 96
 Weight per sq. ft.: 28 lbs
 Weight per cube: 2,688 lbs
 Sq. ft. per strap: 16

HOLLAND SERIES PATTERN ▶

	Approximate %
4" x 8"	24%
8" x 8"	24%
12" x 12"	52%

HOLLAND SERIES – WALNUT BLEND ▲





SPECTRUM COLLECTION

COLORS

Want a look that's beyond conventional? With color intensity you won't find from any other concrete landscape product manufacturer, Fendt's Spectrum Collection is an upscale option without the upscale cost. See for yourself the difference Spectrum Collection pavers can make in your landscape.



SPECTRUM POLAR ASH



SPECTRUM GOLDEN SAGE



SPECTRUM CANYON BLEND



SPECTRUM WOODLAND BLEND



SPECTRUM BURGUNDY BLEND



SPECTRUM SUNSET BLEND



SPECTRUM SEDONA BLEND



SPECTRUM SEASHELL BLEND

THE NATURAL LOOK OF FENDT

PAVER COLORS



RUSTIC BLEND



FOREST BLEND



MAPLEWOOD BLEND



PEWTER



ANTIQUE BLEND



SANDSTONE BLEND



LIMESTONE BLEND



BUCKSKIN



MOSSY OAK BLEND



WALNUT BLEND



SLATE



RED



AUTUMN BLEND



CHARCOAL BLEND



BROWN



COPPER

OLD WORLD PAVER COLORS



O.W. MOSSY OAK BLEND



O.W. RUSTIC BLEND



O.W. GRINDSTONE BLEND



O.W. ANTIQUE BLEND



O.W. BURGUNDY BLEND



O.W. WALNUT BLEND



O.W. LIMESTONE BLEND



O.W. SEASHELL BLEND



O.W. POLAR ASH

WHEN SELECTING COLOR

The color samples depicted are only a guide to assist in color selection and should not be used to select final color. Actual colors of pavers and walls may vary, due to the nature of the raw materials used in processing and the variation of reproduction and printing processes. Final color selection should be made from actual paver and wall products.

When installing pavers, use several cubes simultaneously for proper color blending.

FENDT CUSTOM COLOR PROJECTS

Looking for something just a little out of the ordinary? While most wall stone and paver products are stocked in a wide range of common colors, Fendt has the capability to produce custom colors on select jobs. Need your driveway pavers a certain shade of grey or even something bolder? Have a special color that is your backyard patio inspiration? Perhaps you just want something no one else has! Fendt understands.



SYMETRY ▶



▶ SYMETRY

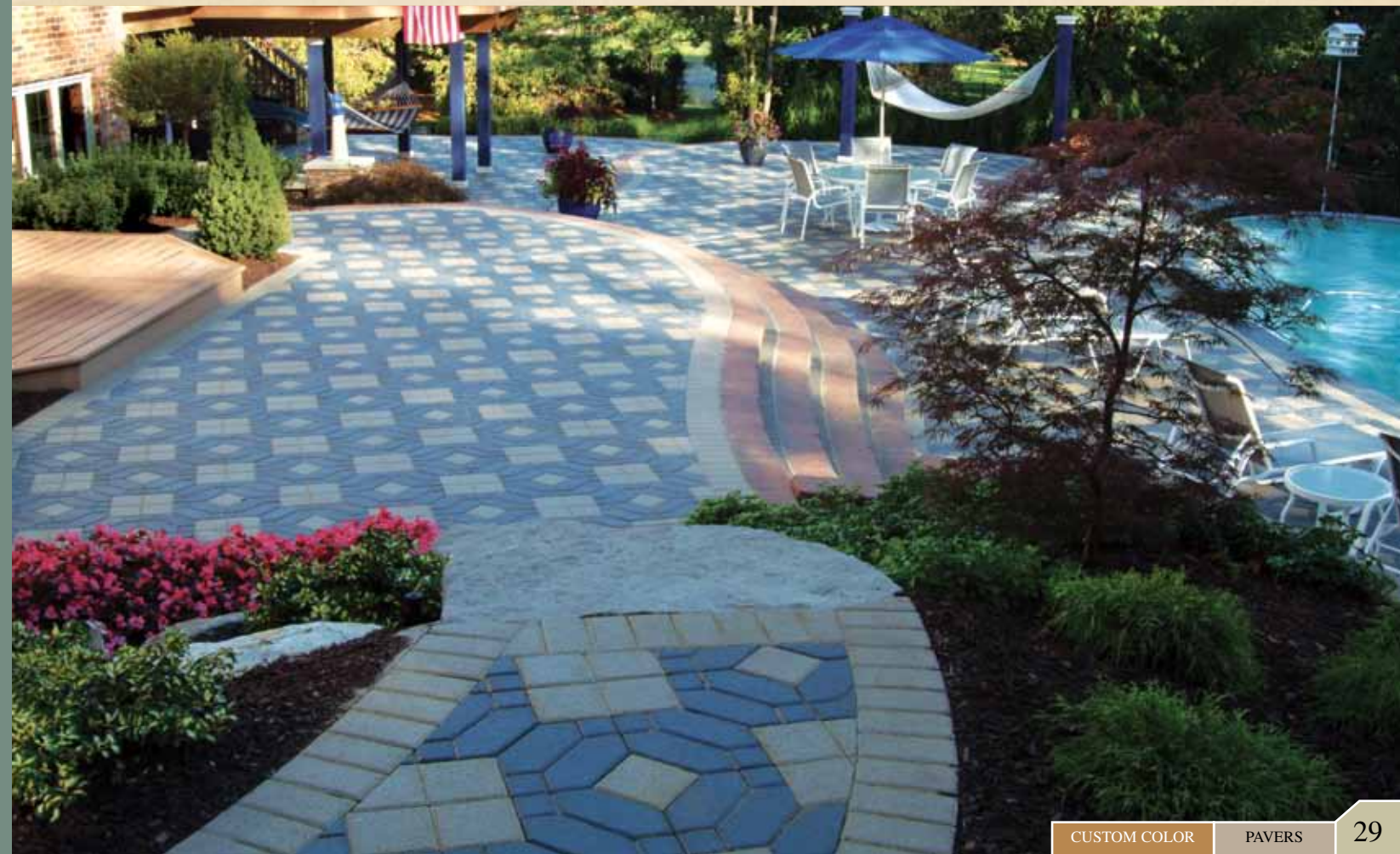


▶ SYMETRY

FENDT IMAGINATION STATION



▼ SYMETRY



SPECIAL ORDER TEXTURES

If you're in the mood for something a little different for your next landscaping project, consider Fendt's Ground-Face or Decro-Face® surfaces. Ground-Face pavers have a smooth, polished surface and terrazzo-like appearance. Decro-Face® pavers have a rough, sandblasted look. Customize your landscaping project with Fendt Special Order Textures.



GROUND-FACE ▶



▲ DECRO-FACE® VINTAGE SERIES



▲ GROUND-FACE



▲ ASPEN



▲ MERLOT



▲ GRANITE

SPECIAL ORDER WEATHERED STONE

Fendt's Weathered Stone pavers feature an exposed aggregate surface, which gives these unique pavers a natural stone granite appearance. These 12 x 12-inch pavers are available in Aspen, Merlot and Granite colors on a special order basis.

SPECIAL ORDER PAVERS

CAROUSEL

Create everything from graceful circles to serpentine sidewalks with Fendt Carousel pavers. Basic circles, radiating fans and other flowing patterns are just the start of where Fendt Carousel pavers can take you.



▲ CAROUSEL

Fendt's Carousel paver line consists of five architecturally unique shapes for unlimited design possibilities.

◀ CAROUSEL

CAROUSEL ▼



CAROUSEL SERIES

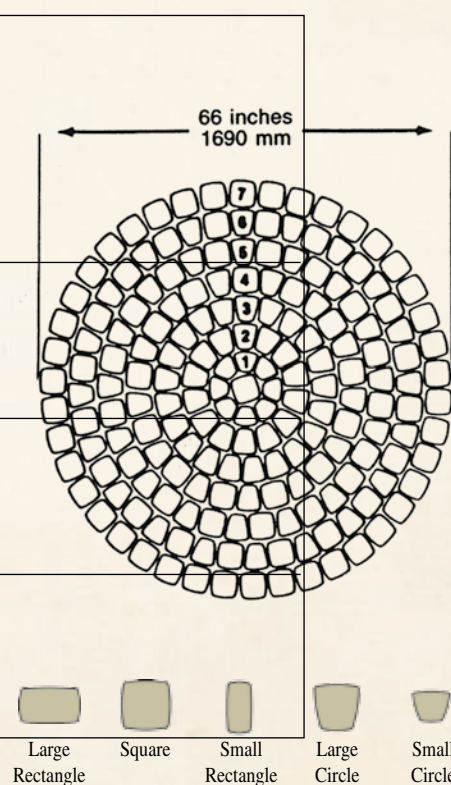
Carousel Stone is comprised of five different shapes – the square, large rectangle, small rectangle, large circle, and small circle. The five shapes are packaged in three different cubes. The Circle Cube contains enough stones to make two complete circles, each approximately 66" in diameter (about 27 sq. ft.). The two remaining cubes (Square and Small Rectangle Cube [SSR] and Large Rectangle Cube [LR]) contain the stones which allow you to expand the circle and create the many different patterns available with the Carousel Stone style.

CIRCLE CUBE (Sold in full and half cubes only - 2 circles per cube)		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.		
	Square 4½" x 4½" x 2¾"	7.11	33	4.64	198	27.84		33		
	Small Rectangle 4½" x 2¼" x 2¾"	14.12	2	.14	12	.84		33		
	Large Circle 4½" x 4½" x 2¾"	8.3	32	3.85	192	23.10		33		
	Small Circle 3⅝" x 4½" x 2¾"	11.43	3	.26	18	1.56		33		
Totals for Cube			70	8.89	420	53.34		1760 lbs.		
SQUARE AND SMALL RECTANGLE CUBE (Sold in ratio of 7 squares to 1 small rectangle only)		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.		
	Square 4½" x 4½" x 2¾"	7.11	63	8.86	378	53.16		33		
	Small Rectangle 4½" x 2¼" x 2¾"	14.12	9	.64	54	3.84		33		
Totals for Cube						57.00		1881 lbs.		
LARGE RECTANGLE CUBE		UNITS PER SQ. FT.	UNITS PER LAYER	SQ. FT. PER LAYER	UNITS PER CUBE	SQ. FT. PER CUBE	SQ. FT. PER STRAP	WEIGHT PER SQ. FT.	SOLDIER COURSING LINEAL FOOTAGE	
	Large Rectangle 4½" x 6¼" x 2¾"	4.8	48	10	384	80.00	13.33	33	CUBE	STRAP
Totals for Cube						80.00		2640 lbs.	144	24

Note: The thickness of the Carousel Series is 2¾" (70mm). Please consider when mixing Carousel with other shapes that are 2⅝" (60mm) thick.

Laying A Circle

Row Number	Radius in Inches	Radius in mm	Small Circle Stone	Large Square Stone	Large Rectangle Stone	Large Stone
1	6.11	155	8	—	+1	—
2	10.64	270	—	14	—	—
3	15.17	385	—	21	—	—
4	19.7	500	—	13	+13	—
5	24.23	615	—	16	+17	—
6	28.76	730	—	20	+20	—
7	33.29	845	—	—	42	—
8	37.82	960	—	—	48	or 33
9	42.35	1075	—	—	54	or 37
10	46.88	1190	—	—	62	or 41
11	51.41	1305	—	—	68	or 45
12	55.94	1420	—	—	74	or 49
13	60.47	1535	—	—	80	or 53
14	65.00	1650	—	—	86	or 57
15	69.53	1765	—	—	93	or 62
16	74.06	1880	—	—	99	or 66
17	78.59	1995	—	—	105	or 70
18	83.12	2110	—	—	111	or 74
19	87.65	2225	—	—	118	or 78
20	92.18	2340	—	—	124	or 83



Note: The diagram shows the way in which a circle is formed, using the circle cube through row #7. Beginning with row #8, you may introduce the large rectangle and/or square stone from the other two cubes.

SPECIAL ORDER PAVERS

Oftentimes, an exciting and unique design gives your landscaping project the distinct visual appeal you're looking for. Fendt Special Order Pavers can give you that distinctive look. Available in several patterns, including Arrowhead, Honeycomb, Dura Stone, Plaza Stone and Omni Stone, these pavers will inspire you to get creative with your landscape.



◀ HONEYCOMB

▲ ARROWHEAD

Create unique and custom designs using Fendt Special Order Pavers. Fendt offers the best customer response times in the industry for its special orders.



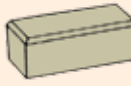
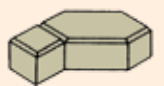
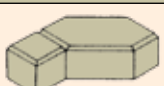








◀ DURA STONE

▼ PLAZA STONE

▼ OMNI STONE



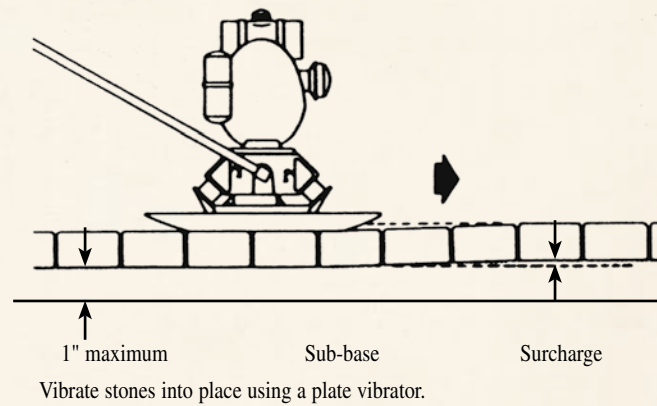
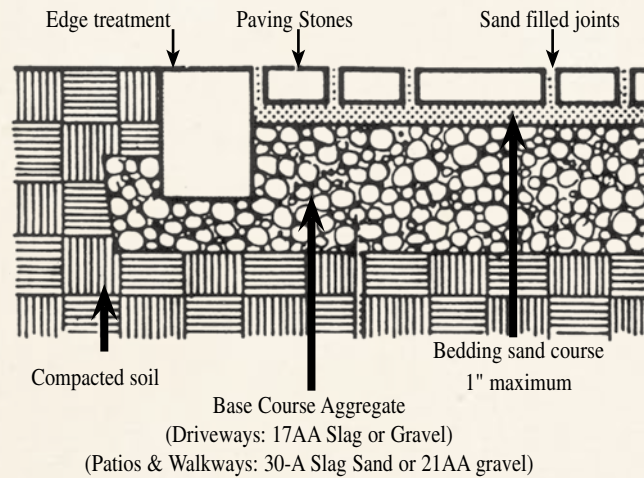
SPECIAL ORDER PAVERS

SHAPE	DESCRIPTION	UNITS PER SQ. FT.	SQ. FT. PER CUBE	WEIGHT PER SQ. FT.	WEIGHT PER CUBE	SQ. FT. PER STRAP
HOLLAND 4 X 4						
	2 3/8" thick	4.5	108	28	3024	18
HOLLAND 8 X 8						
	3 1/8" thick	2.25	74.67	37	2763	12.44
HOLLAND 4 X 8						
	3 1/8" thick	4.5	84	37	3108	16
OLD-STYLE SYMETRY™ (USE IN COMBINATION WITH EURO STONE)						
	2 3/8" thick	3.1	93	28	2604	23.25
NEW SYMETRY™ (USE IN COMBINATION WITH 6X6)						
	3 1/8" thick	3.4	65	37	2405	18
6 X 6 (USE IN COMBINATION WITH NEW SYMETRY®)						
	3 1/8" thick	4.1	71.4	37	2642	18
DURA-STONE						
	2 3/8" thick	3.6	100	28	2800	20
	3 1/8" thick	3.6	78	37	2886	
	2 3/8" thick					
	Half-Edger	7.2	37.5	28	2800	
	3 1/8" thick					
	Half-Edger	7.2	29.3	37	2886	
	Full-Edger	3.6	62.5		2800	
	Full-Edger	3.6	48.7		2886	
OMNI STONE						
	2 3/8" thick	3.5	103	28	2884	20.6
	2 3/8" Edger	3.9	104	28	2912	20.8
HONEYCOMB						
	2 3/8" thick	3.1	87	28	2436	14.5
PLAZA STONE						
	2 3/8" thick	2.73	89	28	2492	17.8

PAVER INSTALLATION INSTRUCTIONS

Interlocking Concrete Paving Stones

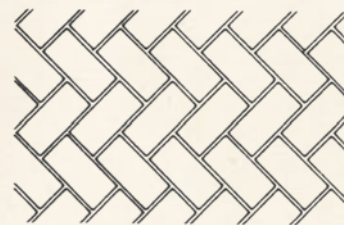
1. Prepare the site, making a compacted base with 17AA or 21AA slag or gravel between 8" and 12" for driveways, or with 30-A slag sand or 21AA gravel up to 4" to 6" for patios and walkways. Slope as necessary for drainage.
2. Spread a layer of slag sand 1" over compacted base. It is important to maintain consistent thickness of bedding sand. Screen the sand to desired level. Allow for thickness of paver and for compaction of sand (approximately 1/4" to 1/2") to be done in step #5.
3. Lay the paving stones in the patterns you choose, starting the edge stones from an existing line such as a curb or house.
4. Make any necessary cutting of stones with a paving stone splitter or masonry saw.
5. Make a minimum of two passes over paving stones with a plate vibrator.
6. Fill the joints by sweeping dry sand over the paving stones, leaving a thin layer for final vibration. Use slag sand for Carousel Stone, but sweep the paving stones clean before step #7.
7. Vibrate sand into joints and sweep off excess sand. The pavement is now ready for immediate use.



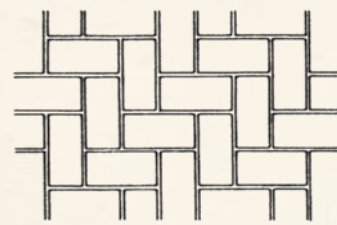
Interlocked Patterns

The Herringbone Patterns

Form the greatest interlock, since the longest continuous joint is only 1 1/2" stones.



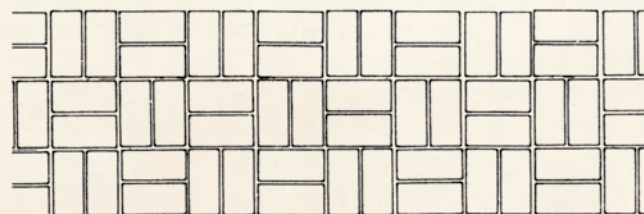
45° Herringbone Pattern



90° Herringbone Pattern

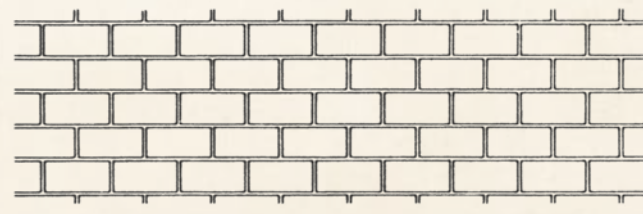
Parquet Pattern

A pattern with unlimited variations.



Runner Bond Pattern

A traditional pattern, that when used for vehicular traffic, should have traffic crossing the stones' length at right angles.



Installation Video

A 15-minute, do-it-yourself installation video covering all the steps involved in installing your own patio or sidewalk, is available for rent and/or purchase. Consult sales staff for details.

FENDT ENVIRONMENTAL PRODUCTS

Professional designers and homeowners alike are concerned with designing and utilizing products that are environmentally friendly. By their very nature, locally-produced concrete products offer the design professional smart solutions to meet and exceed the requirements to qualify for LEED (Leadership in Energy and Environmental Design) certification.

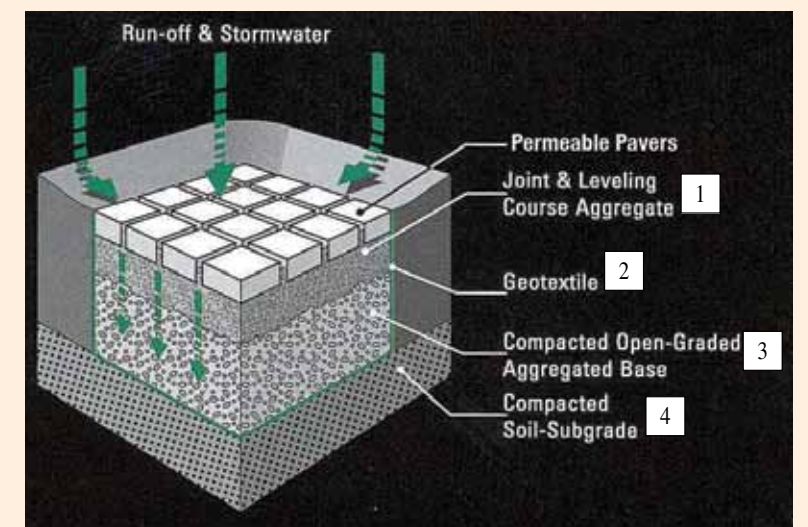
Fendt has provided environmentally-friendly products for years. Monoslab Grass Pavers offer horizontal stabilization to green areas that can be used for emergency vehicle access and overflow parking areas. Fendt's Geolink product provides slope stabilization and erosion control for riverbanks and drainage areas.

Permeable pavements now offer a new dimension by allowing a higher percentage of rainwater to permeate through the pavement system as opposed to adding to overburdened storm water systems. Fendt's Eco-Brick and Eco-Classic are the perfect solution that can transform any paver parking lot, driveway or pavement area into a beautiful and sustainable pavement that effectively manages storm water.

PERMEABLE PAVERS

When installed as part of the Bio-Aquifer Storm System (BASS™), permeable pavers allows for natural storm water drainage and ground water recharge, making them ecologically sound and economically smart.

A parking lot or street created with BASS™ uses durable permeable components that allow water to flow through, retaining the water runoff and directing it through a series of natural filtration systems before it enters nearby streams or rivers.



- 1 JOINT FILLING BEDDING LAYER
1/8" Crushed Stone Chips
- 2 GEOTEXTILE
Non-woven Geotextile Fabric, Minimum 4 1/2 Ounces Per Square Yard
- 3 BASE COURSE
6A Crushed Aggregate
- 4 SUBGRADE*
Well Compacted Undisturbed Soil

*Subgrade soil type will determine the need for an outlet from base course to bioswale area. Applicable soil types are fine-grain or impervious soils such as clay. See a qualified Fendt representative for bioswale applications.

ECO-BRICK™ PERMEABLE PAVERS

ECO-CLASSIC PERMEABLE PAVERS



ECO BRICK – LIMESTONE BLEND ▲
BORDER: HOLLAND 4X8 – SLATE

PRODUCT INFORMATION

FULL BRICK	HALF BRICK
4½" x 9" x 3⅛"	4½" x 1½" x 3⅛"
.272 sq. ft. per unit	.136 sq. ft. per unit
3.68 units per sq. ft.	7.35 units per sq. ft.
36 units/layer, 252/cube	8 units/layer, 56/cube

10.9 sq. ft. per layer
76.30 sq. ft. per cube

Weight cube: 2,592 lbs



ECO-CLASSIC

PRODUCT INFORMATION

FULL BRICK	HALF BRICK
4½" x 9" x 3⅛"	4½" x 1½" x 3⅛"
.272 sq. ft. per unit	.136 sq. ft. per unit
3.68 units per sq. ft.	7.35 units per sq. ft.
36 units/layer, 252/cube	8 units/layer, 56/cube

10.9 sq. ft. per layer
76.30 sq. ft. per cube

Weight cube: 2,719 lbs



▲ ECO-CLASSIC

OLD WORLD ECO-CLASSIC

PRODUCT INFORMATION

FULL BRICK	HALF BRICK
4½" x 9" x 3⅛"	4½" x 1½" x 3⅛"
.272 sq. ft. per unit	.136 sq. ft. per unit
3.68 units per sq. ft.	7.35 units per sq. ft.
36 units/layer, 252/cube	8 units/layer, 56/cube

10.9 sq. ft. per layer
76.30 sq. ft. per cube

Weight cube: 2,719 lbs



▲ OLD WORLD ECO-CLASSIC

MONOSLAB[®]

GRASS PAVER[®]

MULTI-PURPOSE MONOSLAB GRASS PAVER... THE PROBLEM SOLVER!

STABILIZES GRASSY AREAS...
FOR FIRE LANES...
HIGHWAY CROSSOVERS...
RUNWAY SHOULDERS

It's the natural look in paving... proven over three decades in use. MONOSLAB Grasspavers allow a lawn area to be used for parking or driveways – preserving green space in places where it's scarce.

MONOSLAB Grasspavers eliminate the dust or mud normally created by allowing traffic in unpaved areas, and can be used in any area where you want to allow vehicular traffic while preserving the look of a lawn.

The unique design of MONOSLAB affords better weight distribution and increased load bearing capacity. The surface pattern encourages controllable drainage, while stimulating grass growth.

Fast and simple to install in any weather, MONOSLAB Grasspavers are available for immediate use.

MONOSLAB Grass Paver grids permit emergency vehicles and fire trucks to approach buildings from all directions saving time and possibly lives. Heavy trucks drive over stabilized grassy areas leaving no trace.

When considering the areas around apartments and other commercial buildings, the design professional has an alternative to traditional asphalt and other hard surfacing.

MONOSLAB is not subject to most restrictive zoning ordinances that cover hard pavement. MONOSLAB grids enable emergency and surface vehicles to cross over between concrete and asphalt pavements.

Especially suitable at curves, concrete grids are readily seen at night. Fast, easy installation. Tire rumbling when driving over the concrete grids alerts drivers.



GOOD NEWS FOR FIREFIGHTERS,
LANDSCAPE ARCHITECTS,
HIGHWAY/WATERWAY ENGINEERS

STOPS EROSION... MONOSLAB is the best answer to stabilize slopes and put an end to persistent erosion problems. Even river bed erosion in fast-flowing rivers, or open culverts, can be effectively controlled with MONOSLAB.

It is also successfully used as revetments to reinforce reservoirs and shoreline slopes and to provide seawall toe protection. After MONOSLAB is laid and grass established, an installation can be mowed as normal grass.

SAVES GRASS... The design professional now has an exciting option when considering surfacing for areas around apartment buildings, shopping malls, office buildings and other urban development. MONOSLAB offers a relief from traditional hard surfacing by introducing stabilized grass areas. Suitable for parking lots and overflow parking areas, it will also allow utility trucks to drive over landscaped grounds.



MONOSLAB[®] GRASS PAVER[®]

SO EASY TO INSTALL



STEP 1

For heavy loads, bulldoze one foot below finished grade.

For light loads, bulldoze one-half foot below finished grade.



STEP 2

For light loads (automobiles), spread and tamp-or-roll one inch sand bed directly on the sub-grade.



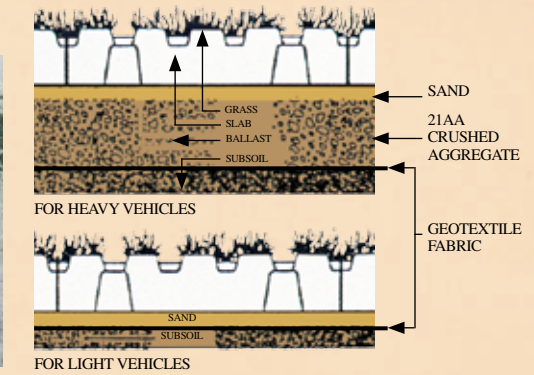
STEP 4

Level the paver grids on the sand bed. Keep them "pencil thickness" apart.



STEP 5

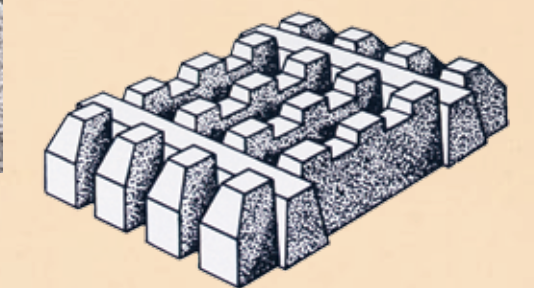
Ready for service.



STEP 3

For heavy loads (trucks), spread and tamp-or-roll six inches of crushed rock or crushed concrete over continuous geotextile fabric for heavy vehicle base course. Not required for light loads, such as automobiles.

Spread and tamp-or-roll one-inch sand bed on the six-inch ballast course.



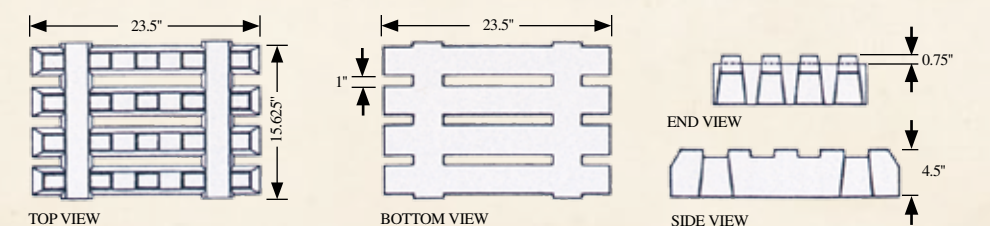
SO MANY BENEFITS

- Minimize storm water run-off
- Replenish subterranean ground water
- Avoid erosion and soil wash away
- Protect lawns from wheel tracks
- Reduce hard surface pavement

All of the above objectives can be accomplished by installing MONOSLAB. On a test installation of tufted Grass Paver bedded on 2 inches of coarse sand spread over 6 inches of gravel, with clay sub soil, no water ran off for an hour. Storm water run-off then ranged from 5% to 18%.

SPECIFICATIONS

MEASUREMENTS	USA/CAN actual	USA/CAN nominal	use nominal values for computations
length	23½"	24 in-2 ft	+/- ¼"
width	15¾"	16 in - 1½ ft	+/- ¼"
thickness	4⅞"	4½ in - ¾ ft	+/- ⅛"
area, gross	370 sq in	2½ sq ft	3 grids = 8 sq ft
area, upper surface	95 sq in	¾ sq ft	25% of gross area
area, base surface	326 sq in	2½ sq ft	85% of gross area
weight/grid	94 lb +/- 3 lb	94 lb	depends on water absorption
strength, compression	4000 psi	4000 psi	per ASTM C140-70
braking load, transverse	-	-	see specification and test procedure sheets
absorption, water	13# / cu ft	13# / cu ft	per ASTM C140-70



GEOLINK



Soil erosion has been an issue plaguing engineers for decades. It is a well-known fact that the single biggest impact on water quality is a direct result of the soil erosion process. As a result of new federal and local regulations mandating the control of silt runoff, the engineering community must now use innovative measures to control the erosion process.

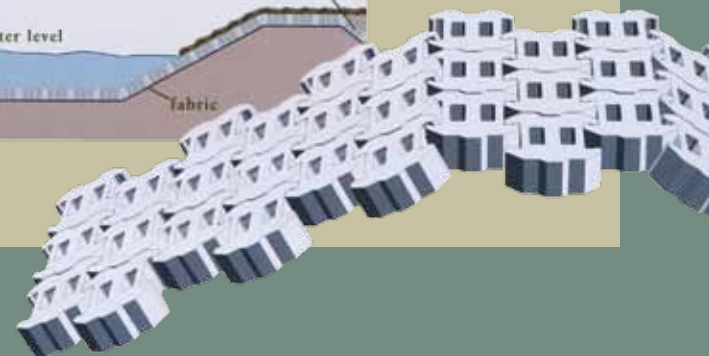
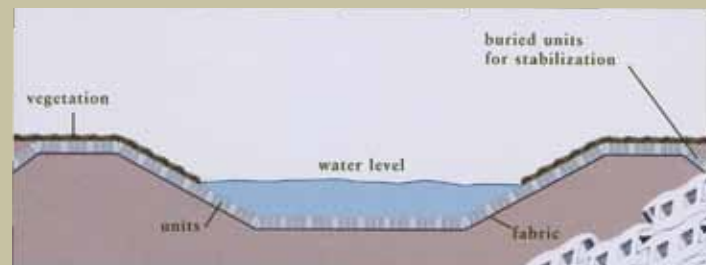
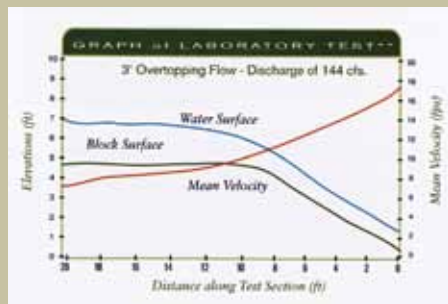
Geolink's premium design inhibits the transport of soil during the erosion process and helps keep our waterways free from silt and hazardous pollutants. Open cells within the block support and maintain vegetative growth, enhancing water quality through a natural cleansing process by filtering out contaminants. Geolink's superior methods of erosion control prevention promote a natural, aesthetically pleasing environment.

G E O L I N K Unit Specifications						
height	width	length	gross coverage per ft ²	weight	weight per sq ft	open area %
4"	12"	16"	1.12	40.8	32-37	20
UNITS PER PALLET - 72			WEIGHT PER PALLET - 2937.6 LBS			



PERMEABLE GRASS PAVER

- GEOLINK units with vegetation
- Soil-filled units
- Engineering fabric layer
- Drainage media
- Prepared sub grade foundation



FENDT WALL STONES



OLD WORLD STONEGATE - WALNUT BLEND ▲

Landscape retaining walls offer an unlimited palette for imaginative home and commercial landscaping projects. Fendt offers a full line of Keystone® Retaining Wall products, including Country Manor® and Garden Wall brands. Set your imagination free.



GARDEN WALL



GLENSTONE WALL



KEYSTONE® VERAZZO STONE



OLD WORLD STONEGATE



OLD WORLD COUNTRY MANOR



KEYSTONE® STRAIGHT SPLIT



KEYSTONE® SCULPTURED SPLIT



KEYSTONE® HEWN STONE



FIRE PIT BLOCK



STAIRS

GLENSTONE



OLD WORLD 4" RADIUS GLENSTONE

- Great as a cap for Fire Pit Block, or
- Use with our Glenstone Wall to turn Radius
- No cutting required – 16 units per circle
- Stock Colors: Walnut, Rustic, Limestone, Camel, Greystone, Burgundy
- 96 Units / Pallet
- 27.55 lbs. / Unit
- 2645 lbs. / Pallet



Size: 4" h x 8" d x 12 1/4" / 9 1/2"

▲ OLD WORLD GLENSTONE – LIMESTONE BLEND

GLENSTONE

Old World Glenstone — crafted for ease of use to build small decorative walls, columns, planters, steps, and freestanding knee walls. These tumbled Old World Glenstone wall stones are featured in a singular dimensional size for maximum versatility:

Old World Glenstone is a tumbled solid block with 4" x 8" x 12" dimensions. This size allows for numerous installation patterns, including running bond, random, and column layouts. Stocked in Rustic, Limestone, Walnut, and Burgundy Blends, and Camel, Greystone, Chestnut, and Slate. Old World Glenstone adds a new dimension to virtually any landscape project. It can even be used as a cap for columns built from Fendt Stonegate Country Manor.™



Size: 4" h x 8" d x 12" w
Exposed Face Area: 1/3 sq. ft. (4" x 12")
Weight: 32 lbs.
Unit per pallet: 96 units
Weight per pallet: 3072 lbs.

Ask your landscape products dealer or contractor to specify Old World Glenstone—or one of the other great Fendt paver and wall stone products for your next project.

- O.W. SEASHELL BLEND
- O.W. RUSTIC BLEND
- O.W. LIMESTONE BLEND
- O.W. WALNUT BLEND
- O.W. BURGUNDY BLEND
- O.W. GREYSTONE
- O.W. CAMEL
- O.W. CHESTNUT
- O.W. SLATE



GARDEN WALL

When it's time to create the garden of your dreams, Fendt offers a full line of Garden Wall brand wall stones to create the elegant and unique look you want. Garden Wall products come in a wide variety of exceptional colors. With their three-dimensional, textured appearance, they add an element of rugged perfection to any garden project.



(Unit shown upside-down to show rear lug)



▲ KEYSTONE GARDEN WALL – RUSTIC BLEND

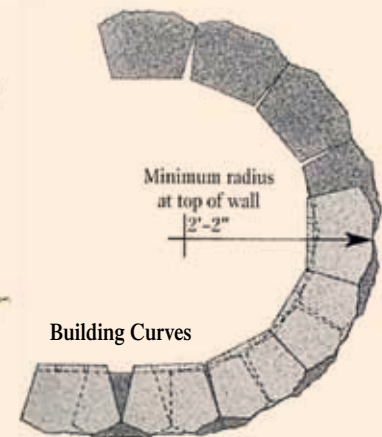
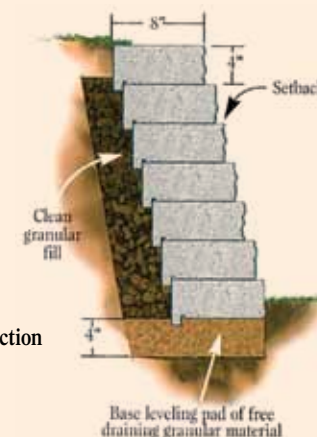
Removing rear lugs when building curves.

To remove outside lugs or edges of retaining lip, hold unit securely or place at angle on ground. Strike the lug firmly with a hammer. Always wear safety glasses to protect eyes from chips.



Size: 4" h x 12" w x 8" d
Exposed Face Area: 1/3 sq. ft. (4" x 12")
Weight: 25 lbs.
Unit per pallet: 96 units
Weight per pallet: 2400 lbs

Typical Landscape Wall Section



LIMESTONE BLEND



RUSTIC BLEND



DESERT BROWN



ANTIQUE BLEND



WALNUT BLEND



COCOA



TAN



GREY



SLATE



RED



GOLDEN ROD

NEW PLANTER WALL

NEW FOR 2012 FROM FENDT: PLANTER WALL



Planter wall is a 4" deep retaining wall for decorative planters and flower beds. Sold in a 5-piece set, including two finished corners per set which can be used as a corner or can be incorporated into the wall with other units.

- Each set covers approx. four running feet 4" tall
- 24 sets per pallet, 85.7lbs per set, 2057 lbs. per pallet
- Stocked in 4 colors
 - Limestone
 - Walnut
 - Rustic
 - Camel

Pictured capped with our Old World Vintage Square Paver stocked in all the matching colors, plus Greystone.



WALNUT BLEND



RUSTIC BLEND



LIMESTONE BLEND



CAMEL

KEYSTONE VERAZZO STONE™



▲ VERAZZO STONE – CAMEL

With unmatched strength and stability, Keystone Verazzo Stone™ has rugged good looks and aesthetic appeal. Each Keystone Verazzo Stone™ is angled on both sides providing different face lengths for a tight fitting, straight wall. Aligning units is also effortless due to the Keystone proven pin connection system. Each stone contains multiple pin positions allowing for a nearly vertical or offset wall.

Keystone Verazzo Stone™ looks like a natural element in your yard because each unit is finished on two sides. Verazzo Stone™ is also available in many colors to enhance any outdoor décor: Walnut, Rustic, Limestone, Camel, and Chestnut.



Size..... 6" h x 16 1/2" w x 10 1/2" d
Exposed Face Area..... 0.58 sq. ft. (avg.)
Weight..... 73 lbs.
Unit per pallet..... 45 units
Weight per pallet..... 3,272 lbs.
Pins..... 2/block, 120/box



WALNUT BLEND



RUSTIC BLEND



LIMESTONE BLEND



CAMEL



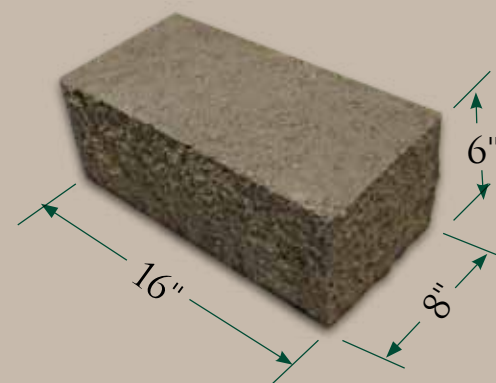
CHESTNUT

KEYSTONE VERAZZO STONE™

VERAZZO RETURN CORNER



VERAZZO STONE - WALNUT BLEND ▶



VERAZZO RETURN CORNER



◀ VERAZZO STONE - CAMEL

CORNER CONSTRUCTION



▶ VERAZZO STONE - CAMEL

24" X 24" PIER
UTILIZING 4-RETURN CORNERS



STONEGATE

Stonegate Country Manor – a new way of creating the look of old stone. Offered in both untumbled and tumbled versions, Stonegate Country Manor wall stones have all the winning features of the Country Manor product line with a new twist!

Stonegate has a unique smooth face which allows for a more refined cut-stone look to complement your backyard patio, courtyard or decorative retaining wall. Stonegate Country Manor (untumbled) and Old World Stonegate Country Manor are destined to fill the countryside this summer.

Ask your landscape products dealer or contractor to specify Stonegate Country Manor – or one of the other great Fendt paver and wall stone products for your project.



OLD WORLD STONEGATE – WALNUT BLEND



STONEGATE – LIMESTONE BLEND

OLD WORLD STONEGATE – BURGUNDY BLEND

Stonegate has a unique smooth face which allows for a more refined cut-stone look to complement your backyard patio, courtyard, or decorative retaining wall.



O.W. RUSTIC BLEND



O.W. WALNUT BLEND



O.W. LIMESTONE BLEND



O.W. SEASHELL BLEND



O.W. BURGUNDY BLEND



O.W. SLATE



O.W. CHESTNUT



O.W. CAMEL



RUSTIC BLEND



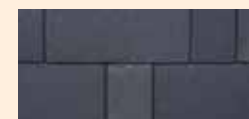
WALNUT BLEND



LIMESTONE BLEND



SEASHELL BLEND



SLATE



CHESTNUT



CAMEL



BURGUNDY BLEND

Set Size 6"H x 10"D x 32"W Max.*
 Exposed Face Area 1.4 Sq. Ft. Max.
 Weight/Set 137 lbs.
 Sets per pallet 20
 Weight per pallet 2788 lbs.

LARGE UNIT

60 lbs. (27 kg)
 6"h x 10"d x 16"/14"w
 (150mm x 250mm x 400mm/350mm)



MEDIUM UNIT

40 lbs. (18 kg)
 6"h x 10"d x 12"/10"w
 (150mm x 250mm x 300mm/250mm)



SMALL UNIT

25 lbs. (11 kg)
 6"h x 10"d x 6"/4"w
 (150mm x 250mm x 150mm/100mm)



PINS

COUNTRY MANOR



O.W. RUSTIC BLEND



O.W. SLATE



O.W. WALNUT BLEND



O.W. LIMESTONE BLEND



O.W. CAMEL



RUSTIC BLEND



SLATE



WALNUT BLEND



LIMESTONE BLEND



CAMEL

▲ COUNTRY MANOR – LIMESTONE BLEND

▼ COUNTRY MANOR – CAMEL



Picture an English countryside lane or a European estate wall. Now you have the idea behind Country Manor—random and rugged, yet blended with warmth, color and character. Old World Country Manor takes the theme even further with an aged look that evokes images of yesteryear. Choose from five colors and two stone sizes for a custom look and feel.

COUNTRY MANOR SE (Smooth Ends)

Set Size6"H x 10"D x 32"W Max.*
Exposed Face Area1.4 Sq. Ft. Max.
Weight/Set.....137 lbs.
Sets per pallet.....20
Weight per pallet.....2788 lbs.

LARGE UNIT

60 lbs. (27 kg)
6"h x 10"d x 16"/14"w
(150mm x 250mm x 400mm/350mm)



MEDIUM UNIT

40 lbs. (18 kg)
6"h x 10"d x 12"/10"w
(150mm x 250mm x 300mm/250mm)



SMALL UNIT

25 lbs. (11 kg)
6"h x 10"d x 6"/4"w
(150mm x 250mm x 150mm/100mm)



Set Size3"H x 10"D x 32"W Max.*
Exposed Face Area0.7 Sq. Ft. Max.
Weight/Set.....71 lbs.
Sets per pallet.....40
Weight per pallet.....2888 lbs.

LARGE UNIT

34 lbs. (16 kg)
3"h x 10"d x 16"/14"w
(75mm x 250mm x 400mm/350mm)



MEDIUM UNIT

25 lbs. (11 kg)
3"h x 10"d x 12"/10"w
(75mm x 250mm x 300mm/250mm)



SMALL UNIT

12 lbs. (5 kg)
3"h x 10"d x 6"/4"w
(75mm x 250mm x 150mm/100mm)



COUNTRY MANOR RC (Return Corner)

Set Size6"H x 10"D x 32"W Max.*
Exposed Face Area1.4 Sq. Ft. Max.
Weight/Set.....137 lbs.
Sets per pallet.....20
Weight per pallet.....2788 lbs.

LARGE UNIT

60 lbs. (27 kg)
6"h x 10"d x 16"/14"w
(150mm x 250mm x 400mm/350mm)



MEDIUM UNIT

40 lbs. (18 kg)
6"h x 10"d x 12"/10"w
(150mm x 250mm x 300mm/250mm)



SMALL UNIT

25 lbs. (11 kg)
6"h x 10"d x 6"/4"w
(150mm x 250mm x 150mm/100mm)



SPECIAL ORDER

Set Size3"H x 10"D x 32"W Max.*
Exposed Face Area0.7 Sq. Ft. Max.
Weight/Set.....71 lbs.
Sets per pallet.....40
Weight per pallet.....2888 lbs.

LARGE UNIT

34 lbs. (16 kg)
3"h x 10"d x 16"/14"w
(75mm x 250mm x 400mm/350mm)



MEDIUM UNIT

25 lbs. (11 kg)
3"h x 10"d x 12"/10"w
(75mm x 250mm x 300mm/250mm)



SMALL UNIT

12 lbs. (5 kg)
3"h x 10"d x 6"/4"w
(75mm x 250mm x 150mm/100mm)



FIBERGLASS PIN

5/4" (130mm) long 1/2" (13mm) diameter 3/4" (20mm) diameter at shoulder

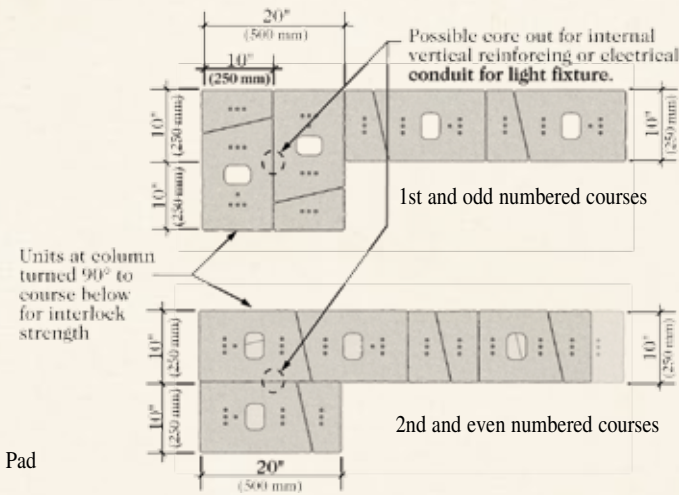
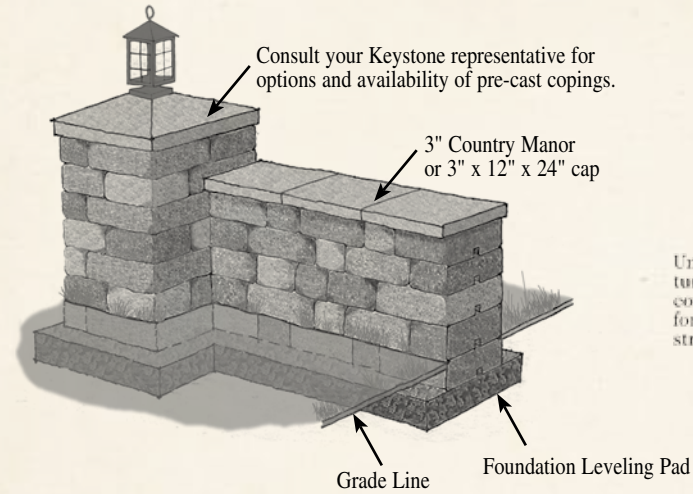


DESIGN DETAILS

FREE STANDING WALL APPLICATIONS

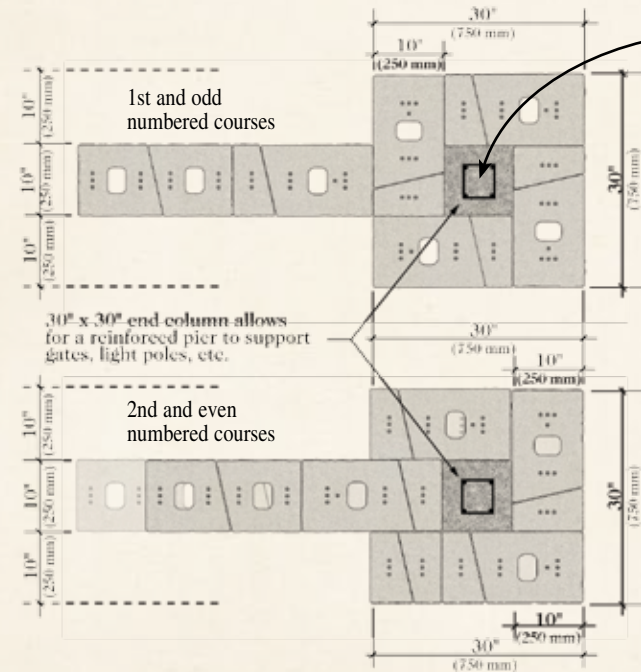
Column Corner

Similar to the "L" Return End wall detail, the column corner utilizes a 20" x 20" column geometry to develop an integrated pier at the end of a running wall. The detail offers visual aesthetic interest as well as provides strength at the termination end of the free-standing wall.



Wall End Column

The wall end column is a larger version of the "Column Corner" detail. The benefit of this design option is the development of internal reinforcement to provide for greater strength and height, along with a larger footprint dimension for aesthetic purposes.

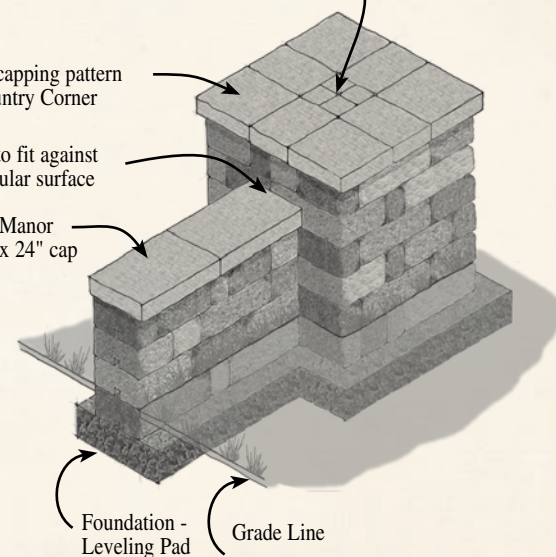


Internal column reinforcing should provide for steel re-bar and solid concrete grouting in connection with a reinforced concrete foundation.

Optional capping pattern using Country Corner

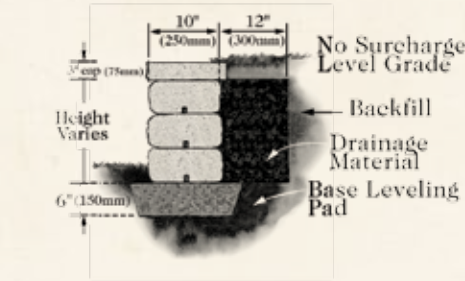
Cut caps to fit against perpendicular surface

3" Country Manor or 3" x 12" x 24" cap

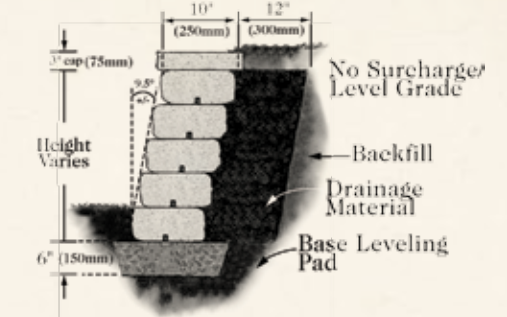


DESIGN CONSIDERATIONS

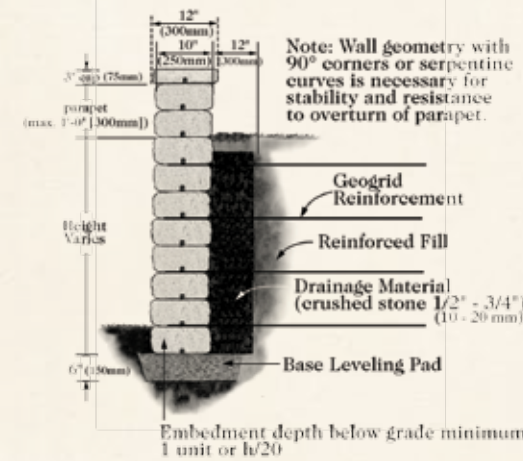
Gravity Wall – Near Vertical Detail



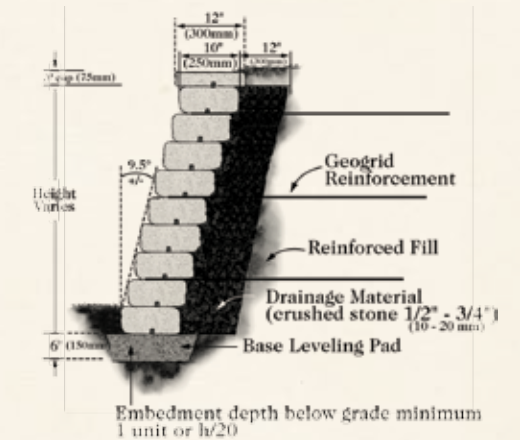
Gravity Wall – Setback Detail 9.5° + Batter



Reinforced Wall – Near Vertical Detail



Reinforced Wall – Setback Detail 9.5° + Batter



GRAVITY WALLS (maximum unreinforced wall height)				
Maximum Height	Near Vertical		9.5° +/- Batter	
	Level	3H:1V	Level	3H:1V
SAND/GRAVEL PHI=34°	2'-0" (0.6m)	1'-6" (0.45m)	3'-0" (0.9m)	2'-6" (0.75m)
SILTY SAND PHI = 34°	1'-6" (0.45m)	1'-6" (0.45m)	2'-6" (0.75m)	2'-0" (0.6m)
SILT/LEAN CLAY PHI = 26°	1'-6" (0.45m)	1'-0" (0.3m)	2'-0" (0.6m)	1'-6" (0.45m)

DESIGN NOTES

- Friction angle (PHI) for earth pressure calculations is (min. 28° max. 32°)
- Moist weight of all soil types is 120 lb./ft.3 (19kN/m2)
- Sliding calculations use 6" (150mm) crushed stone leveling pad as compacted foundation material
- All backfill materials are compacted to 95% maximum density
- The term "vertical" implies a wall built to a near vertical alignment with a slight positive setback
- The information provided herein is for preliminary design use only. A qualified engineer should be consulted for design and analysis of structures. Keystone Retaining Wall Systems, Inc. assumes no liability for the improper use of these tables

REINFORCED WALLS — Vertical

GEOGRID: Per manufacturer recommendation.

For walls above 4'-6", use of battered pin position is recommended

REINFORCED WALLS — Battered (9.5° +/- setback)

GEOGRID: Per manufacturer recommendation.

Country Manor installation and design information reprinted by permission of Keystone Retaining Wall Systems, Inc.

KEYSTONE STRAIGHT SPLIT

Keystone Straight Split wall stones are clean-cut and classic for those seeking a more traditional wall presentation. Keystone Straight Split wall stones are available in a wide variety of sizes and colors. Imagine the creative possibilities! Perfect for border walls, tree rings, terraces, corners, curves, steps, and stairs.



8" KEYSTONE STRAIGHT SPLIT
CUSTOM COLOR ▲

Fendt wall stones are tightly compacted during manufacturing, so the material absorbs very little moisture. This process minimizes the effects of freeze/thaw cycles.



▲ 4" MINI KEYSTONE STRAIGHT SPLIT – RUSTIC BLEND

4" MINI STRAIGHT SPLIT



Size 4" h x 18" w x 11" d
Exposed face area..... ½ Sq. Ft. (4" x 18")
Weight..... 43 lbs.
Units per pallet 63 units
Weight per pallet 2709 lbs.

8" COMPAC STRAIGHT SPLIT



Size 8" h x 18" w x 11" d
Exposed face area..... 1 Sq. Ft. (8" x 18")
Weight..... 86 lbs.
Units per pallet 36 units
Weight per pallet 3096 lbs.

8" STANDARD STRAIGHT SPLIT



Size 8" h x 18" w x 22" d
Exposed face area..... 1 Sq. Ft. (8" x 18")
Weight..... 128 lbs.
Units per pallet 20 units
Weight per pallet 2560 lbs.

FIBERGLASS PIN



5¼" long
½" diameter
100 pins/box
Two pins needed for each
Mini, Compac and Standard.



8" KEYSTONE STRAIGHT SPLIT – WALNUT BLEND ▲

90 DEGREE RETURN CORNER UNITS

4" 90° CORNER



Size 4" h x 18" w x 9" d
Exposed face area..... ½ Sq. Ft. (4" x 18")
Weight 43 lbs.
Units per pallet 60 units
Weight per pallet 2580 lbs.

8" 90° CORNER



Size 8" h x 18" w x 9" d
Exposed face area..... 1 Sq. Ft. (8" x 18")
Weight 86 lbs.
Units per pallet 30 units
Weight per pallet 2580 lbs.

MINI COLORS



GRAY



DESERT BROWN



WALNUT BLEND



LIMESTONE BLEND

COMPAC STANDARD COLORS



GRAY



RUSTIC BLEND



DESERT BROWN



WALNUT BLEND



LIMESTONE BLEND

KEYSTONE SCULPTURED SPLIT

8" KEYSTONE SCULPTURED SPLIT – RUSTIC BLEND ▶



Like Keystone Straight Split, Keystone Sculptured Split wall stones offer a traditional and classic presentation. But you can add a creative flair with Keystone Sculptured Split wall stones. Available in a variety of colors and sculpted faces, these wall stones offer unlimited design possibilities. Turn any landscaping project — large or small — into a work of art!



COMPAC COLORS



GRAY



RUSTIC BLEND



DESERT BROWN

STANDARD COLORS



GRAY



DESERT BROWN

▲ 8" KEYSTONE SCULPTURED SPLIT – CUSTOM COLOR

8" KEYSTONE SCULPTURED SPLIT – GRAY ▶

8" COMPAC SCULPTURED SPLIT



Size 8" h x 18" w x 11" d
Exposed face area 1 Sq. Ft. (8" x 18")
Weight 86 lbs.
Units per pallet 36 units
Weight per pallet 3096 lbs.

8" STANDARD SCULPTURED SPLIT



Size 8" h x 18" w x 22" d
Exposed face area 1 Sq. Ft. (8" x 18")
Weight 128 lbs.
Units per pallet 20 units
Weight per pallet 2560 lbs.

8" 90° CORNER



Size 8" h x 18" w x 9" d
Exposed face area 1 Sq. Ft. (8" x 18")
Weight 86 lbs.
Units per pallet 30 units
Weight per pallet 2580 lbs.

FIBERGLASS PIN



5¼" long
½" diameter
100 pins/box
Two pins needed for each
Mini, Compac and Standard.

(See splitting detail on page 66.)



8" KEYSTONE SCULPTURED SPLIT ▲



KEYSTONE HEWNSTONE

HEWNSTONE RETURN CORNER



▲ 8" KEYSTONE COMPAC HEWNSTONE – WALNUT BLEND

KEYSTONE COMPAC HEWNSTONE UNIT:

Size 8"h x 18"w x 12"d
 Exposed face area..... 1 Sq. Ft. (8" x 18")
 Weight..... 86 lbs.
 Units per pallet 36 units
 Weight per pallet 3096 lbs.



WALNUT BLEND



LIMESTONE BLEND



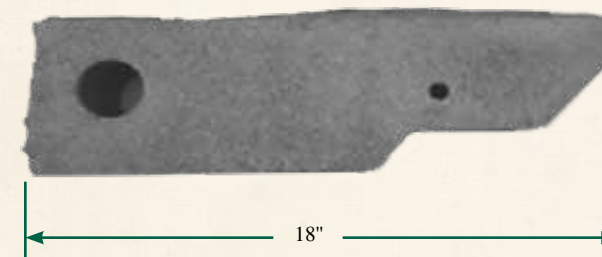
CAMEL

The NEW Keystone Compac Hewnstone, featuring a rough cut, natural stone look, is now available as part of Fendt's structural wall product lineup. The Keystone Compac Unit is the perfect choice where the deep embedment length of the Standard unit is not required. An installer's favorite, its lighter weight and shorter tail design makes it easy to handle for smaller walls.

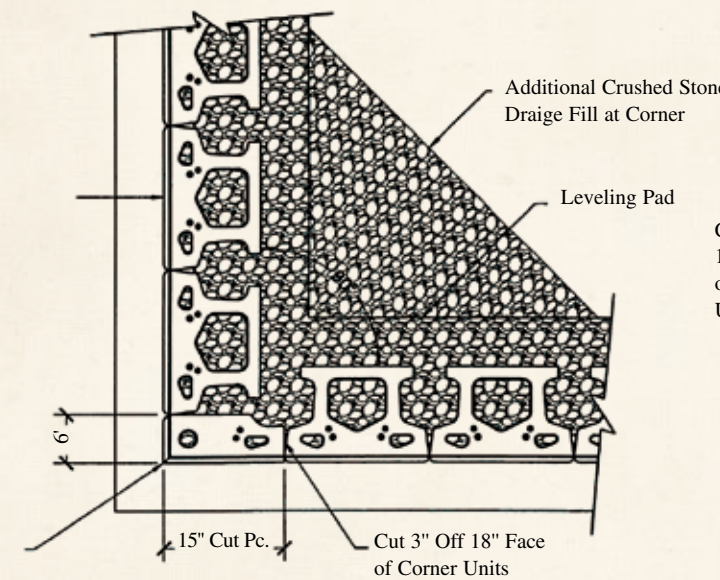
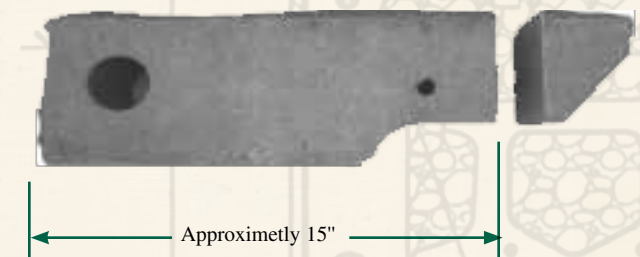
The Keystone Compac Hewnstone offers a high level of aesthetic design in a structural retaining wall unit that is specifically crafted for ease of installation. Its combination of superior design and structural capabilities brings a new, valuable option for structural walls.

In order to make the return corners work to bond on the Keystone Hewnstone walls, it is necessary to modify them by cutting them to approximately 15" long. It is recommended that you lay the wall out first and then mark the return corners for cutting that works for your specific application. Below are some guidelines to help you with this task, or you may ask any Fendt Representative for assistance.

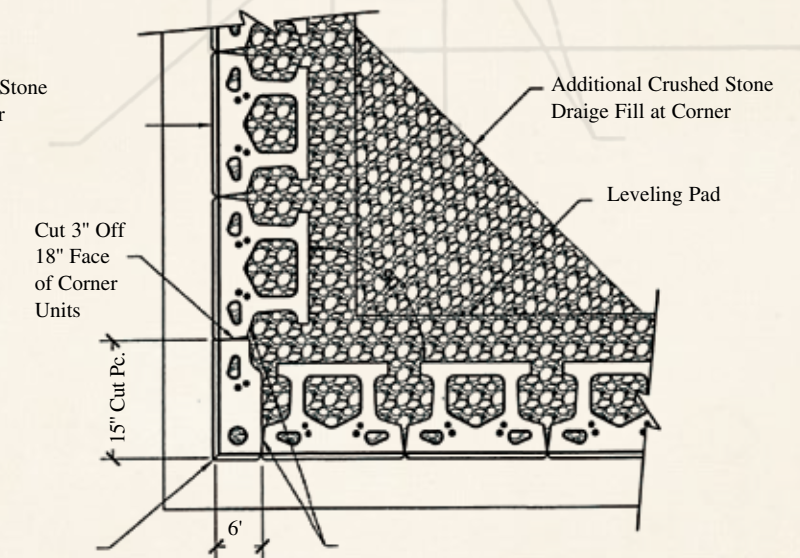
Regular Hewnstone Return Corner



Modified Hewnstone Return Corner



Typical Base and/or Odd Numbered Courses



Typical Base and/or Even Numbered Courses

FIRE PIT BLOCK



▲ O.W. FIRE PIT BLOCK – WALNUT BLEND
CAP: O.W. 4" RADIUS GLENSTONE – WALNUT BLEND

Imagine having a beautiful block fire pit in your back yard without the building hassle or the high price! Fendt now has fire pit block that is easy to install, requires no block cutting and is a fraction of the cost of traditional builds.

OLD WORLD FIRE PIT BLOCK



- Makes perfect 4' Diameter Circle (I.D.)
- No Cutting Required – 12 Units per Circle
- Also Ideal for Tree Rings, Wishing Wells, etc...
- Stock Colors: Walnut, Rustic, Limestone, Camel
- 75 Units / Pallet
- 38.8 lbs. / Unit
- 2910 lbs. / Pallet

Size: 5½"H x 6"D x 15½"/12½"W

OLD WORLD 4" RADIUS GLENSTONE



- Great as a Cap for Fire Pit Block, or
- Use with our Glenstone Wall to turn Radius
- No Cutting Required – 16 Units per Circle
- Stock Colors: Walnut, Rustic, Limestone, Camel, Greystone, Burgundy
- 96 Units / Pallet
- 27.55 lbs. / Unit
- 2645 lbs. / Pallet

Size: 4"H x 8"D x 12-1/4"/9 1/8"W



WALNUT BLEND



RUSTIC BLEND



LIMESTONE BLEND



CAMEL

WALL CAPS & STAIR TREADS

INVENTORIED COLORS

12"x12" COUNTRY CORNER CAP

- Camel
- Greystone
- Limestone Blend
- Rustic Blend
- Slate
- Walnut Blend



12" X 12" COUNTRY CORNER CAP

INVENTORIED COLORS

UNIVERSAL CAP

- Camel
- Chestnut
- Desert Brown
- Grey
- Limestone Blend
- Rustic Blend
- Walnut Blend



UNIVERSAL CAP

3"x 24" CAP SINGLE FACE SOFT SPLIT

- Camel
- Limestone Blend
- Rustic Blend
- Slate
- Walnut Blend



3" X 24" SINGLE FACE SOFT SPLIT CAP

3" X 24" ALL SMOOTH CAP



3"x24" CAP ALL SMOOTH

- Burgundy
- Camel
- Chestnut
- Greystone
- Limestone Blend
- Rustic Blend
- Slate
- Walnut Blend

COPING STONE

- Antique Blend
- Brown
- Buckskin
- Limestone Blend
- Rustic Blend
- Slate
- Walnut Blend



COPING STONE



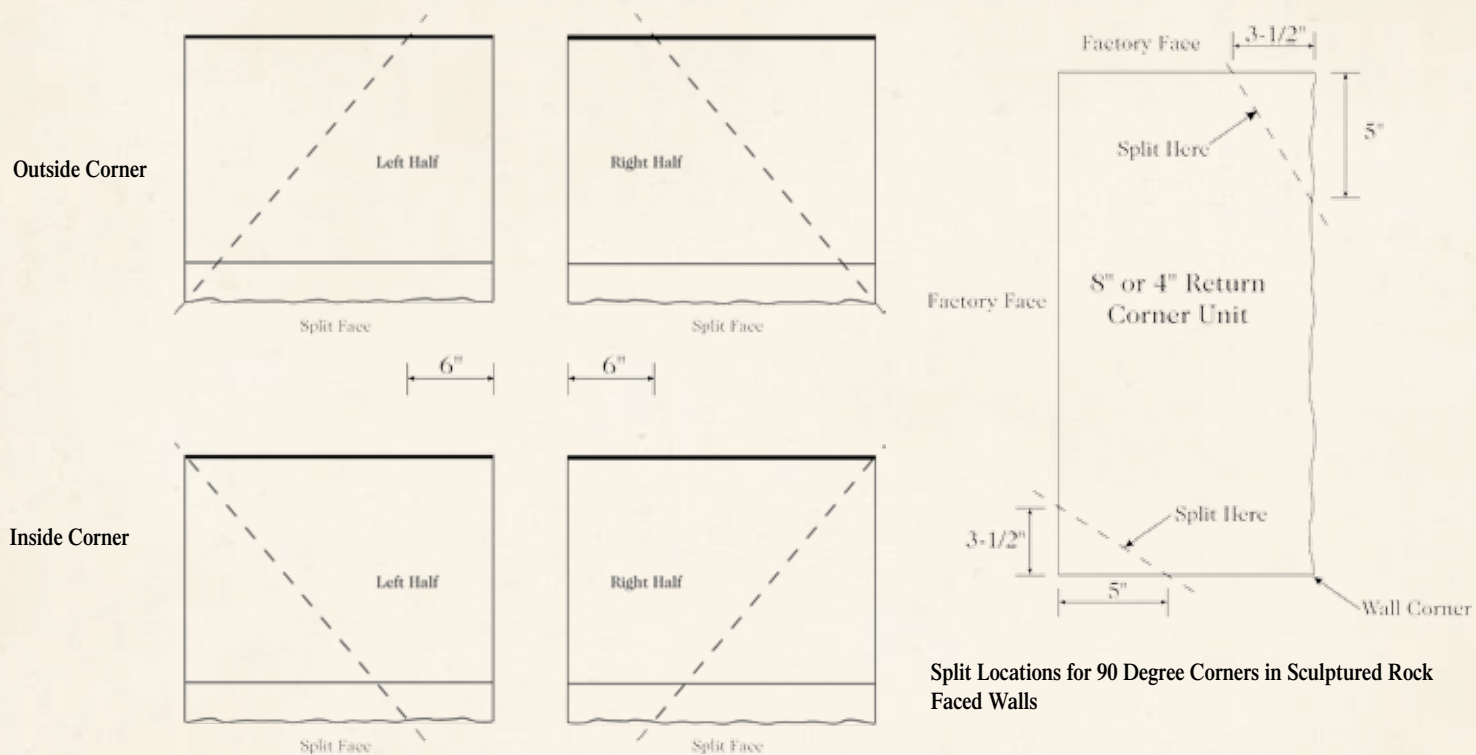
STAIR TREAD

UNIVERSAL STAIR TREAD

- Desert Brown
- Grey
- Limestone Blend
- Rustic Blend
- Walnut Blend

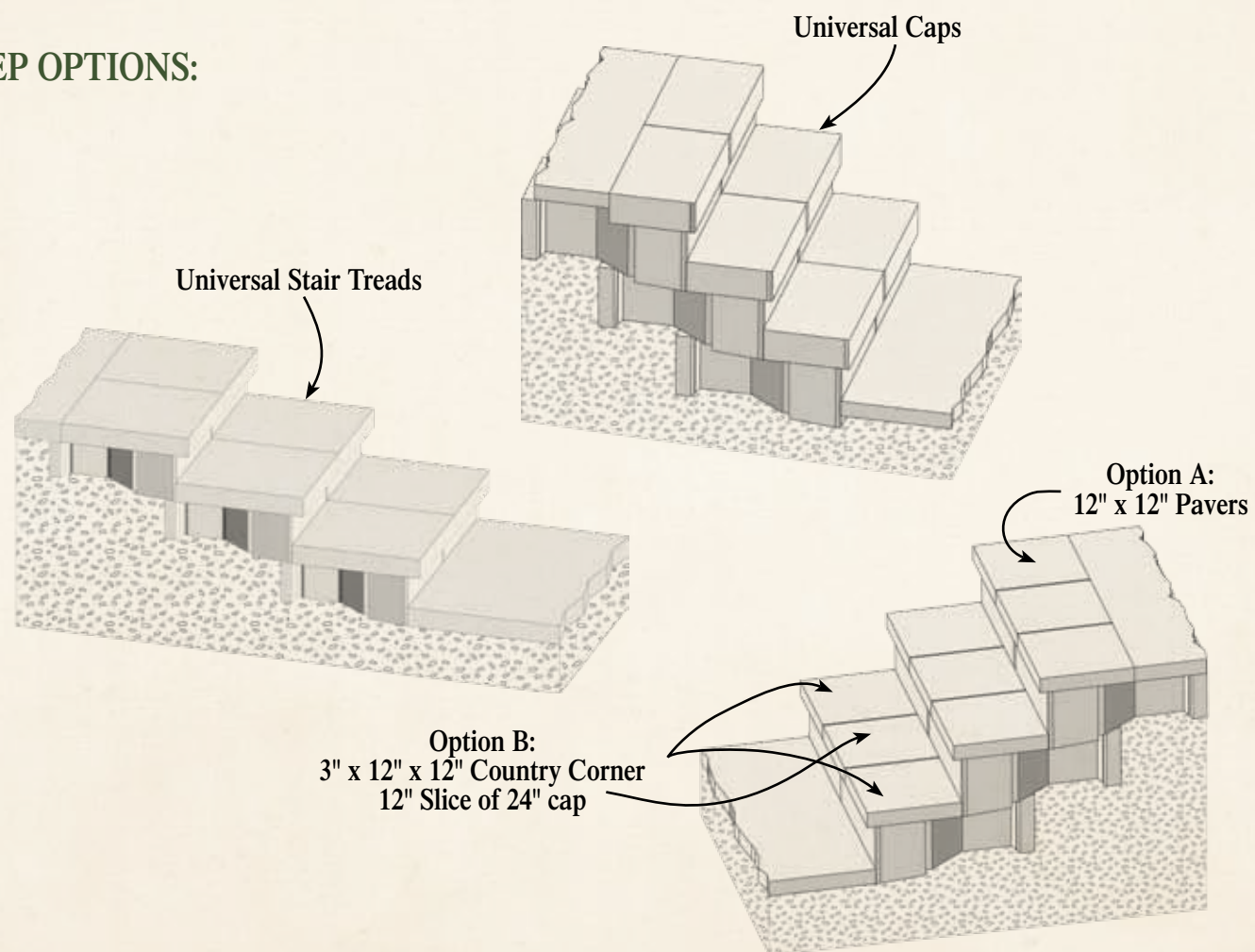
	12" x 12" Country Corner Cap	Universal Cap	3" x 24" Soft Split Cap	3" x 24" All Smooth Cap	Coping Stone	Stair Tread
Size	3h x 12w x 12d	3½h x 18w x 12d	3h x 24w x 12d	3h x 24w x 12d	2¾h x 3¾w x 12¾d	3½h x 18w x 20d
Weight per unit	36	62	70.1	71.5	9.915	106
Units per pallet	96	56	48	48	117	28
Weight per pallet	3456	3472	3365	3432	1160	2968

Mitre Cutting Universal Cap Units to Cap Inside and Outside 90° Corners



Split Locations for 90 Degree Corners in Sculptured Rock Faced Walls

STEP OPTIONS:



FENDT LANDSCAPE WALL COLORS

Fendt offers a wide variety of colors and geometric shapes to meet your specific requirements. Don't see what you need? Fendt can custom-manufacture any of the shapes shown, in any color your imagination desires. Your Fendt representative can also discuss Fendt's custom color and texture-matching technology. Just bring us a brick or a portion of an existing retaining wall and we'll match the color and texture to add the perfect personalized finishing touch to any commercial or residential job.

GARDEN WALL COLORS



COUNTRY MANOR COLORS



OLD WORLD COUNTRY MANOR (TUMBLED) COLORS



STONEGATE & OLD WORLD STONEGATE COLORS



KEYSTONE STANDARD, COMPAC & MINI COLORS



GLENSTONE COLORS



ANTIQUE BLEND



RUSTIC BLEND



GRAY



SLATE



O.W. SLATE



O.W. CHESTNUT



LIMESTONE BLEND



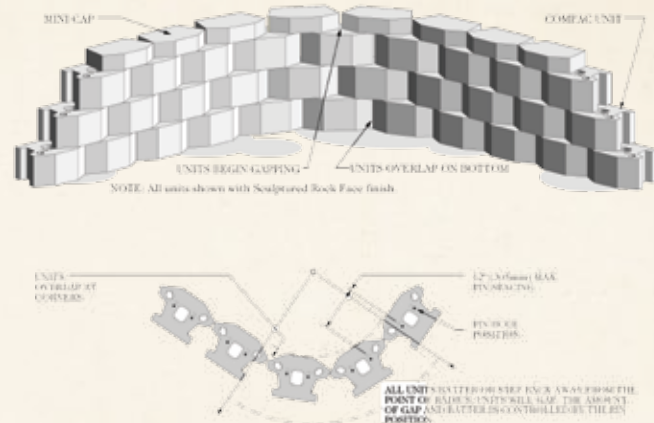
O.W. SEASHELL



O.W. CHESTNUT

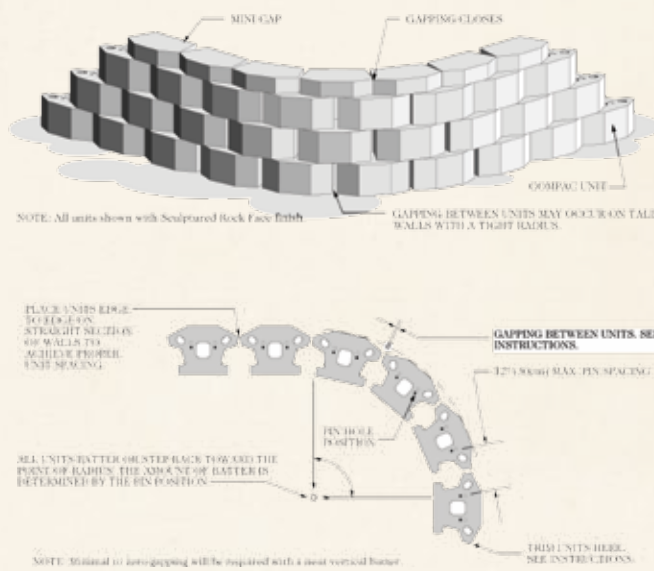
CONCAVE CURVES INSTALLATION PROCEDURES:

1. Follow standard installation instructions for preparation of the subgrade and the leveling pad.
2. Overlap the corners of the base course. The amount of overlap will vary based on the size of the curve. Gapping will occur as the units batter or move away from the point of radius. The rate of gapping is controlled by the severity of the batter (i.e. a 1:8 batter will gap more quickly than a 1:128 batter). The distance between the pinholes of adjacent first course units should not exceed 12" on center. For best visual appearance, a maximum 1/2" to 3/4" gap is recommended.
3. Follow standard installation instructions for backfilling and placement of additional courses.
4. If geogrid reinforcement is used, refer to manufacturer's recommendations for proper placement of this material along concave curves and corners.
5. Depending on wall height, radii and batter selection, some gapping between units may occur. If gaps exceed acceptable limits, redrill new pin holes as needed, using a 5/8" masonry bit, and realign units to close the gaps.

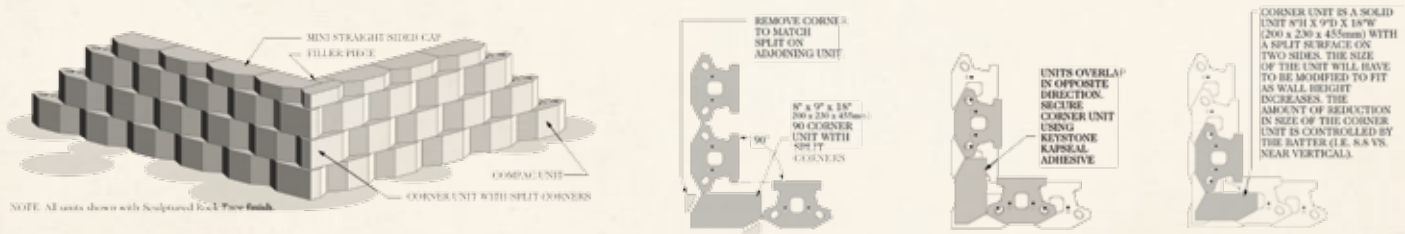


CONVEX CURVES INSTALLATION PROCEDURES

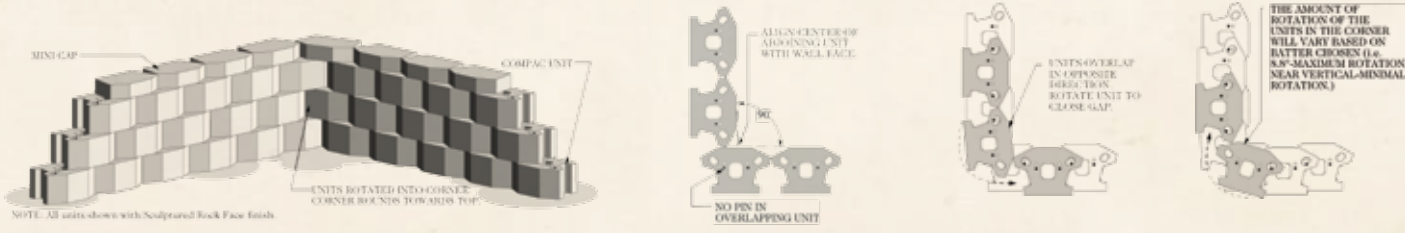
1. Follow standard installation instructions for preparation of subgrade and leveling pad.
2. Place base course units with a small gap between adjacent units. This gap will close with the placement of each additional course of Keystone units as the units batter and converge toward the point of radius. The rate of closure is controlled by the severity of the batter (i.e., a 1:8 batter will close more quickly than a 1:128 batter). A maximum of 1/2"-3/4" gap is recommended for best visual appearance. To achieve this, the distance between the pinholes on adjacent first course units should not exceed 12" on center.
3. Follow standard installation instructions for backfilling and placement of additional courses.
4. If geogrid reinforcement is used, refer to manufacturer's recommendations for proper placement of this material along convex curves.
5. Depending on wall height, radius, and batter selection, some binding between units may occur. If this prohibits proper placement of additional units, try one of the following suggestions:
 - Trim unit corners using either a masonry chisel or concrete saw.
 - Push units back and realign. Redrill pin holes as needed using a 5/8" masonry bit.



90° OUTSIDE CORNER



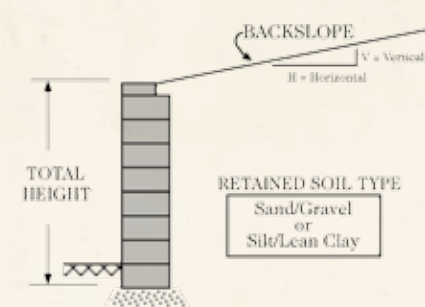
90° INSIDE CORNER - ROUNDED



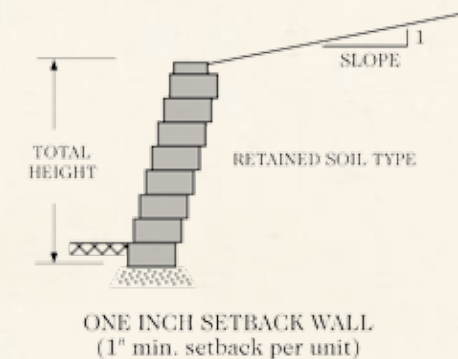
BASIC ENGINEERING

GRAVITY WALL DESIGN CHARTS

NEAR VERTICAL WALL



ONE INCH SETBACK WALL



STANDARD UNITS

MAXIMUM GRAVITY WALL HEIGHT CHART				
Near Vertical Wall	Backslope			
	Level	4H:1V	3H:1V	2H:1V
Sand/Gravel	5.2' (1.6m)	4.7' (1.5m)	4.6' (1.4m)	4.1' (1.2m)
Silty Sand	4.7' (1.4m)	4.3' (1.3m)	4.1' (1.2m)	3.6' (1.1m)
Silt/Lean Clay	4.4' (1.3m)	3.9' (1.2m)	3.7' (1.1m)	2.9' (0.9m)

STANDARD UNITS

MAXIMUM GRAVITY WALL HEIGHT CHART				
Near Vertical Wall	Backslope			
	Level	4H:1V	3H:1V	2H:1V
Sand/Gravel	6.8' (2.1m)	6.2' (1.9m)	5.9' (1.8m)	5.3' (1.6m)
Silty Sand	6.1' (1.9m)	5.5' (1.7m)	5.2' (1.6m)	4.4' (1.3m)
Silt/Lean Clay	5.3' (1.6m)	4.5' (1.4m)	4.1' (1.2m)	3.2' (1.0m)

COMPAC UNITS

MAXIMUM GRAVITY WALL HEIGHT CHART				
Near Vertical Wall	Backslope			
	Level	4H:1V	3H:1V	2H:1V
Sand/Gravel	2.9' (0.9m)	2.6' (0.8m)	2.5' (0.8m)	2.3' (0.7m)
Silty Sand	2.6' (0.8m)	2.4' (0.7m)	2.3' (0.7m)	2.0' (0.6m)
Silt/Lean Clay	2.4' (0.7m)	2.1' (0.6m)	2.0' (0.6m)	1.7' (0.5m)

GEOGRID CHART NOTES (See pages 64 and 65)

The Keystone geogrid charts are graphically presented to show the proper orientation and lengths of geogrids used with Standard and Compac Units at the near vertical batter.

Heights were set in two block increments beginning at 4.3' and ending at 11'. Engineering judgement should be used when interpolating between heights. Heights under the 4.3' height shown may require geogrid reinforcement depending upon the units used, soil types, and surcharge loadings.

Soil ranges were selected to approximate good, medium, and poor soil conditions to concisely cover the typical design range. Wall height is the total height of the wall from leveling pad to the top of the wall.

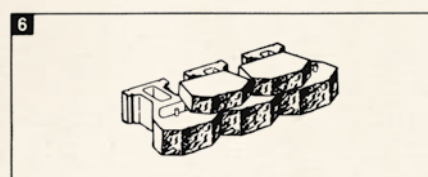
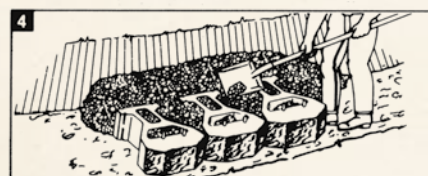
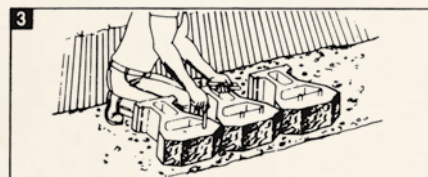
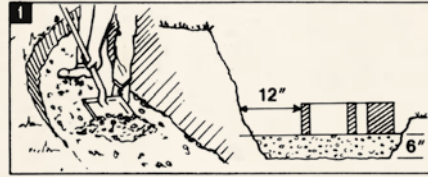
The charts assume the use of a lower strength geogrid, and can be used safely with the following materials:

- Synten SF35
- Stratagrid 350 by Strata Systems
- UX 1400 by Tensar Corporation

All geogrid lengths shown are the actual lengths of geogrids required as measured from the connection points to the end of the geogrid.

The design charts assume that the walls are constructed in accordance with Keystone specifications and good construction practice. All soils must be compacted in 8" lifts to 95% Standard Proctor density as determined by laboratory testing.

The information contained in the design charts is for preliminary design use only. A qualified professional should be consulted for final design assistance. Keystone accepts no liability for the improper use of these charts.



BASIC PRODUCT INSTALLATION

The Keystone Retaining Wall System was developed with simplicity of construction in mind. The following steps will guide you from start to finish.

■ STEP 1: PREPARATION OF BASE LEVELING PAD

Excavate a shallow trench to the designed length and width dimensions for your Keystone wall. Provide 12" behind the Keystone unit to allow for a granular backfill drainage zone. Keystone units should be placed on a 6" leveling pad of compacted well draining fill (i.e., sand, 1/2" to 3/4" crushed stone or gravel) at 95% Standard Proctor compaction or equal. Provide additional trench depth for below grade placement of Keystone units on a ratio of 1" below grade for each 8" of wall height above grade.

NOTE: When constructing walls less than 3' high, Keystone units can be placed on firm, undisturbed, inorganic soils. Recommended 12" drainage zone may vary due to site, soil or engineering requirements.)

■ STEP 2: INSTALLING THE BASE COURSE

Install the first course of Keystone units side by side over the prepared base. Level each unit side to side and front to back. Place the units such that the kidney-shaped void is on the bottom surface. Line up pins or back edge of the unit for straight wall alignment. Units should touch side point to side point as diagrammed. For layout and alignment of curves, see information under DESIGN GUIDELINES (page 6).

■ STEP 3: INSTALLING THE INTERLOCKING PINS

Place the reinforced fiberglass pins into the paired holes in each Keystone unit. Provide pins of correct length for appropriate unit size. Once in place, the pins will allow an automatic setback when installing additional courses as per STEP 5.

■ STEP 4: INSTALLING BACKFILL AND COMPACTION

Fill all voids in and between Keystone units and behind units 12". This fill should consist of 1/2" to 3/4" crushed stone or clean, well-draining granular fill. This allows for water drainage and compacts easily. Compact to eliminate potential settlement. Backfill behind gravel drainage zone using existing soils. (NOTE: Heavy clays or organic soils are not recommended due to water holding properties.) Compact to 95% Standard Proctor. Backfill in 8" lifts on a course basis.

NOTE: Only lightweight walk-behind mechanical compaction equipment should sweep the units to remove small pebbles, debris, etc., so the units rest evenly upon one another. Backfill and compact at every 8" course.

■ STEP 5: INSTALLING ADDITIONAL COURSES

Place the next course of Keystone units over the positioned fiberglass pins so they are centered on and will bridge two units below in a running bond pattern. Pins should fit into kidney-shaped recesses on bottom of units. Pull the Keystone module toward the face of the wall until the module makes full contact with both pins. Repeat STEPS 3, 4, and 5.

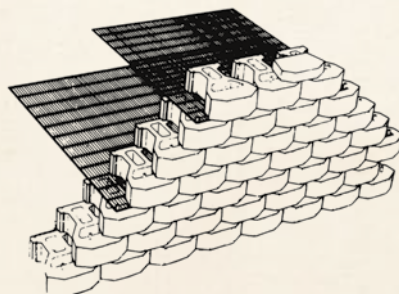
■ STEP 6: INSTALLING KEYSTONE CAPS

Use Keystone cap units to complete your wall. Place the Keystone cap over the projecting pins on the unit below. Pull forward to the automatic set back position. Backfill and compact to finish grade. *NOTE: In areas of high public accessibility and vandalism, we recommend construction adhesive or epoxy cement be used around the perimeter underside of the cap prior to unit placement.*

The above installation guidelines apply to all Keystone unit sizes. These installation procedures do not take into account geological variations in site and soil conditions and, therefore, may require engineering consideration and detail. The final design and construction of a wall is the responsibility of the owner, not Fendt Builder's Supply, Inc. or Keystone Wall Systems, Inc.

GEOGRID INSTALLATION (PATENTED PROCEDURES)

For taller, more critical walls where geogrid is required to resist greater lateral earth pressures, use the following steps for installation:



STEP 1: Follow steps 1 through 4 of BASIC PRODUCT INSTALLATION.

STEP 2: Excavate the reinforced soil area to the maximum embedment length.

STEP 3: Cut sections of geogrid off roll to the specified length. Place geogrid in proper orientation (i.e. roll out from wall toward embankment). Check manufacturer's criteria for biaxial or uniaxial geogrids.

STEP 4: Hook geogrid over Keystone fiberglass pins, assuring a secure connection between unit and geogrid.

STEP 5: To pretension geogrid, pull the pinned geogrid taut to eliminate loose folds. Stake or secure back edge of the geogrid prior to and during backfill and compaction.

STEP 6: Install the next course of Keystone retaining wall units.

STEP 7: Proceed to place compacted backfill over geogrid in 8" lifts. Provide minimum 6" soil coverage prior to driving equipment over grid. Avoid tracked or wheeled vehicles directly on grid, or turning on grid.

STEP 8: Continue steps 3 through 7 until the retaining wall is complete.

FENDT BUILDERS' SUPPLY, INC
LANDSCAPE PRODUCTS

Warranty

Fendt Builders' Supply, Inc., guarantees the structural integrity of our paver and retaining wall products to the original purchaser for residential applications. Should any product prove defective by not meeting existing ASTM specifications and standards, it will be replaced without cost. Fendt Builders' Supply, Inc., specifically disclaims any warranty relative to color, color consistency, or texture due to natural material variations.

Efflorescence, a white deposit common on concrete and masonry surfaces, is a natural occurrence and no warranty or liability is expressed or implied for this condition. Color matching of any replacement units cannot be guaranteed. Replacement labor and shipping costs are not included in this guarantee. Proof of purchase is required.

The face of retaining walls can be stained due to mineral and soil laden moisture in the backfill area. Cleaners and sealers are available for routine maintenance.

Snow can be shoveled or plowed from pavers as readily as other pavements. High-strength, low-absorption Fendt pavers are more resistant to deicing salts than ordinary concretes, but they can still be damaged by intense application. Magnesium chloride is less damaging to concrete surfaces than other rock salt (sodium chloride) or calcium chloride.

The colors of products shown in this catalogue are to be used as representations or guidelines only. The photographer and printer processes are not fully capable of reproducing exact color of all products. Colors may also change from production run to production run. Not all colors are available in all shapes. Check with the sales department for availability. Fendt Builders' Supply, Inc. may change, amend, add, or discontinue any product, shape, style, or color at its sole discretion with no prior notification. To assure random color distribution, it is recommended that individual blocks and/or pavers be mixed from different pallets on the job site.



PAVER & WALL STONE REFERENCE GUIDE

INVENTORIED PAVERS	Description	Units Per Sq. Ft.	Sq. Ft. Per Cube	Units Per Cube	Weight Per Sq. Ft.	Weight Per Cube	Sq. Ft. Per Strap
Holland 4" X 8"	2 3/8" Thick	4.5	108	486	28	3024	18
Holland 8" X 8"	2 3/8" Thick	2.25	96	216	28	2688	16
Holland 12" X 12"	2 3/8" Thick	1.00	72	72	28	2016	18
Cobblestone	2 3/8" Thick	3.5	103	360	28	2884	20.6
Symetry®	2 3/8" Thick	3.4	84	288	28	2352	21
6" X 6" (Use With Symetry®)	2 3/8" Thick	4.1	92	378	28	2576	13.14
Vintage Series - Circle Cube							
Square	4 3/4" x 4 3/4" x 2 3/8"	6.3	17.7	112	28	—	—
Large Circle	4 1/16" x 4 5/16" x 2 3/8"	8.3	28.9	240	28	—	—
Small Circle	4 1/16" x 4 5/16" x 2 3/8"	8.7	3.6	32	28	—	—
Half Stone	4 3/4" x 3 5/8" x 2 3/8"	8.4	20	168	28	—	—
Center Stone	4 3/4" x 3 5/8" x 2 3/8"	9.0	0.8	8	28	—	—
Totals For Cube			71	560		1988	
Vintage Series - Square & Small Rectangle Cube							
Square	4 3/4" x 4 3/4" x 2 3/8"	6.3	68.6	432	28	—	—
Small Rectangle	4 3/4" x 2 1/8" x 2 3/8"	12.6	11.4	144	28	—	—
Totals For Cube			80	576		2240	
Vintage Large Rectangle Cube	7 1/8" x 4 3/4" x 2 3/8"	4.2	80	336	28	—	13.33
Vintage Extra Large Rectangle Cube	9 1/2" x 4 3/4" x 2 3/8"	3.1	90	280	28	2509	17.92
Vintage Double Large Rectangle Cube	7 1/8" x 9 1/2" x 2 3/8"	2.2	91	200	28	2548	—
Vintage Large Square Cube	9 1/2" x 9 1/2" x 2 3/8"	1.6	97	160	28	22716	—
Old World Holland	2 3/8" Thick	4.5	108	486	28	3024	—
Old World Random	2 3/8" Thick	—	96	288	28	2407	—
Old World Vintage	2 3/8" Thick	—	80 (Square Cube),	504	28	2240	—
	2 3/8" Thick	—	80 (Lg. Rectangle Cube),	336	28	2240	—
	2 3/8" Thick	—	90 (XL Rectangle Cube)	280	28	2509	—
	2 3/8" Thick	—	91 (DL Rectangle Cube)	200	28	2548	—
	2 3/8" Thick	—	97 (Lg. Square Cube)	160	28	2716	—
Old World Vintage Circle	2 3/8" Thick	—	35.5 (Crate)	—	28	994	—
SPECIAL ORDER PAVERS							
Arrowhead™	2 3/8" Thick	4.8	78.75	378	28	2205	11.25
Euro Stone (Use With Arrowhead™)	2 3/8" Thick	3.7	102	378	28	2856	14.57
Carousel Series - Circle Cube							
Square	4 1/2" x 4 1/2" x 2 3/4"	7.11	27.84	198	33	—	—
Small Rectangle	4 1/2" x 2 1/4" x 2 3/4"	14.12	.84	12	33	—	—
Large Circle	4 1/2" x 4 1/2" x 2 3/4"	8.3	23.10	192	33	—	—
Small Circle	3 3/8" x 4 1/2" x 2 3/4"	11.43	1.56	18	33	—	—
Totals For Cube			53.34	420		1760	—
Carousel Series - Square & Small Rectangle Cube							
Square	4 1/2" x 4 1/2" x 2 3/4"	7.11	53.16	378	33	—	—
Small Rectangle	4 1/2" x 2 1/4" x 2 3/4"	14.12	3.84	54	33	—	—
Totals For Cube			57.00			1881	
Carousel Series - Large Rectangle Cube							
Large Rectangle	4 1/2" x 6 3/4" x 2 3/4"	4.8	80	384	33	—	13.33
Holland 4" X 4"	2 3/8" Thick	4.5	108	486	28	3024	18
Holland 8" X 8"	3 1/8" Thick	2.25	74.67	168	37	2763	—
Holland 4" X 8"	3 1/8" Thick	4.5	84	378	37	3108	16
Old World Holland 8" X 8"	3 1/8" Thick	2.25	74.67	168	37	2763	—
Old World Holland 4" X 8"	3 1/8" Thick	4.5	84	378	37	3108	—
Old World Arrowhead™	2 3/8" Thick	4.8	78.75	376	28	2205	—
Old Style Symetry®	2 3/8" Thick	3.1	93	288	28	2604	23.25
(Use In Combination With Euro Stone)							

	Description	Units Per Sq. Ft.	Sq. Ft. Per Cube	Units Per Cube	Weight Per Sq. Ft.	Weight Per Cube	Sq. Ft. Per Strap
SPECIAL ORDER PAVERS (Continued)							
Symetry®	3 1/8" Thick	3.4	65	224	37	2405	18
6 X 6	3 1/8" Thick	4.1	71.4	294	37	2642	18
(Use In Combination With Symetry®)							
Dura Stone	2 3/8" Thick	3.6	100	360	28	2800	20
	3 1/8" Thick	3.6	78	280	37	2886	—
Omni Stone	2 3/8" Thick	3.5	103	360	28	2884	20.6
Honeycomb	2 3/8" Thick	3.1	87	270	28	2436	14.5
Plaza Stone	2 3/8" Thick	2.73	89	243	28	2492	17.8
ENVIRONMENTAL PRODUCTS							
Eco-Brick	3 1/8" Thick	3.68	76.3	—	—	2592	—
Eco-Classic/ O.W. Eco-Classic	3 1/8" Thick	3.68	76.3	—	—	2719	—
Geolink	4" h x 12" w x 16" l	1.12	64	72	32-37	2938	—
Monoslab Grass Paver	4 1/2" h x 16" w x 24" l	.38	95.76	36	31.65	3031	—

WALL STONES	Size	Exposed Face Area	Weight (Lbs.)	Units Per Cube	Weight Per Cube (Lbs.)	Linear Foot Coverage
Garden Wall	4" h x 12" w x 8" d	1/2 Sq. Ft. (4" x 12")	25	96	2352	1 l.f.
Glenstone	4" h x 12" w x 8" d	1/2 Sq. Ft. (4" x 12")	32	96	3072	—
Old World 4" Radius Glenstone	4" h x 12 1/4" / 9 1/2" w x 8" d	1/2 Sq. Ft. (4" x 12")	28	96	2645	—
Stonegate						
6" Large Unit	6" h x 10" d x 16" / 14" w	1 Set = 1.4 Sq. Ft. Max	66	20 Sets/Cube	2928	1 Set = 2.5 l.f. max
6" Medium Unit	6" h x 10" d x 12" / 10" w		47			
6" Small Unit	6" h x 10" d x 6" / 4" w		23			
Country Manor SE - Smooth Ends						
6" Large Unit	6" h x 10" d x 16" / 14" w	1 Set = 1.4 Sq. Ft. Max	66	20 Sets/Cube	2928	1 Set = 2.5 l.f. max
6" Medium Unit	6" h x 10" d x 12" / 10" w		47			
6" Small Unit	6" h x 10" d x 6" / 4" w		23			
3" Large Unit	3" h x 10" d x 16" / 14" w	1 Set = 0.7 Sq. Ft. Max	35	40 Sets/Cube	3088	1 Set = 2.5 l.f. max
3" Medium Unit	3" h x 10" d x 12" / 10" w		26			
3" Small Unit	3" h x 10" d x 6" / 4" w		12			
Country Manor Return Corner						
6" Large Unit	6" h x 10" d x 16" / 14" w	1 Set = 1.4 Sq. Ft. Max	70	20 Sets/Cube	2928	1 Set = 2.5 l.f. max
6" Medium Unit	6" h x 10" d x 12" / 10" w		50			
6" Small Unit	6" h x 10" d x 6" / 4" w		25			
Country Manor Medium						
6" Medium Unit	6" h x 10" d x 12" / 10" w	1 Unit = 0.5 Sq. Ft. Max	47	60	2868	1 Unit = 1 l.f. max
Verazzo Stone	6" h x 10 1/2" d x 16" / 12" w	1 Unit = 0.58 Sq. Ft. Avg	73	45	3272	1 Unit = 1.16 l.f. avg
Verazzo Return Corner	6" h x 8" d x 16" w	0.67 Sq. Ft.	62.8	48	3015	1.33 l.f.
Fire Pit Block	5 1/2" h x 6" d x 15 1/2" / 12 1/2" w	—	39	75	2910	—
Sculptured Split Face Units						
Compac	8" h x 18" w x 11" d	1 Sq. Ft. (8" x 18")	78	36	2808	1.5 l.f.
Standard	8" h x 18" w x 22" d	1 Sq. Ft. (8" x 18")	116	20	2320	1.5 l.f.
Straight Split Face Units						
Mini	4" h x 18" w x 11" d	1/2 Sq. Ft. (4" x 18")	43	63	2709	1.5 l.f.
Compac	8" h x 18" w x 11" d	1 Sq. Ft. (8" x 18")	86	36	3096	1.5 l.f.
Standard	8" h x 18" w x 22" d	1 Sq. Ft. (8" x 18")	128	20	2560	1.5 l.f.
Hewn Stone Compac	8" h x 18" w x 11" d	1 Sq. Ft. (8" x 18")	86	36	3096	1.5 l.f.
Hewn Stone Return Corner	8" h x 6" d x 15" w	0.83 Sq. Ft.	53.4	48	2563	1.25 l.f.
Universal Cap Unit	3 1/2" h x 18" w x 12" d	0.44 Sq. Ft. (3 1/2" x 18")	62	56	3472	1.5 l.f.
Universal Stair Tread	3 1/2" h x 18" w x 20" d	0.44 Sq. Ft. (3 1/2" x 18")	106	28	2968	1.5 l.f.
90 Degree Return Corner Units						
4" 90° Corner	4" h x 18" w x 9" d	1/2 Sq. Ft. (4" x 18")	43	60	2580	—
8" 90° Corner	8" h x 18" w x 9" d	1 Sq. Ft. (8" x 18")	86	30	2580	—
3" Caps/coping						
3" X 24" Cap	3" h x 12" d x 24" w	1/2 Sq. Ft. (3" x 24")	72	48	3504	2 l.f.
Country Corner	3" h x 12" d x 12" w	1/4 Sq. Ft. (3" x 12")	36	96	3504	1 l.f.
Coping Stone	3 3/8" w x 12 7/8" l x 2 3/8" Thick	2.83 Pcs/Sq. Ft.	10	117	1170	.33 l.f.
SPECIAL ORDER WALL STONES						
Mini Sculptured	4" h x 18" w x 11" d	1/2 Sq. Ft. (4" x 18")	46	56	2576	1.5 l.f.
Mini Cap Sculptured	4" h x 18" w x 11" d	1/2 Sq. Ft. (4" x 18")	46	56	2576	1.5 l.f.
Compac Cap Sculptured	8" h x 18" w x 11" d	1 Sq. Ft. (8" x 18")	96	32	3072	1.5 l.f.
3" Country Manor Return Corner Large	3" h x 10" d x 16" / 14" w	1 Set = 0.7 Sq. Ft. Max	36	40 Sets/Cube	3088	1 Set = 2.5 l.f. max
3" Country Manor Return Corner Medium	3" h x 10" d x 12" / 10" w		27			
3" Country Manor Return Corner Small	3" h x 10" d x 6" / 4" w		13			