R.I. Grupany

HARDSCAPE PRODUCTS SPEC GUIDE

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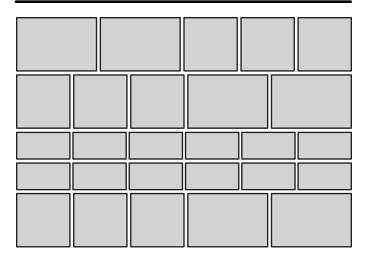




CLARION

PALLET OVERVIEW

SPECIFICATIONS



243 units / pallet 96 sq. ft. / pallet 2,640 lbs. / pallet 9 layers / pallet





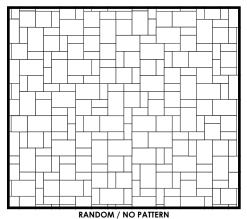


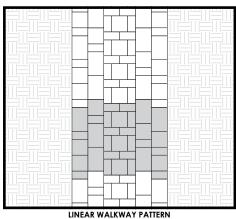
8" x 12" x 2 3/8" 54 units / pallet 6 units / layer 18 lbs. / unit

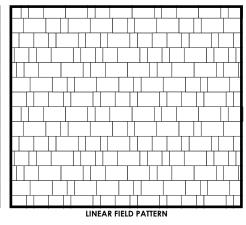
8" x 8" x 2 ³/₈" 81 units / pallet 9 units / layer 12 lbs. / unit

4" x 8" x 2 ³/₈" 108 units / pallet 12 units / layer 6 lbs. / unit

LAYING **PATTERNS**







NOTES















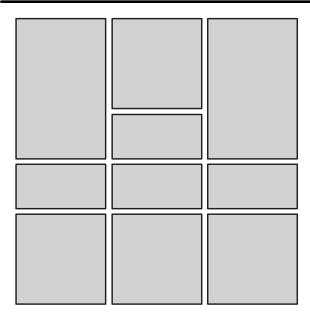


COLOR SWATCHES AVAILABLE AT LAMPUS.COM • ALL WEIGHTS ARE APPROXIMATE.

GRANDVIEW™

PALLET OVERVIEW

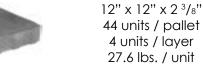
SPECIFICATIONS

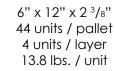


110 units / pallet 99 sq. ft. / pallet 2,732 lbs. / pallet 11 layers / pallet *Permeable Infiltration Rate 120" / hour



18" x 12" x 2 ³/₈" 22 units / pallet 2 units / layer 41.4 lbs. / unit





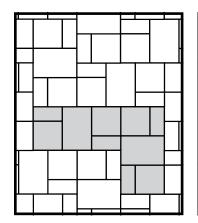


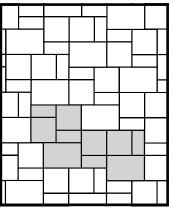
GRANDVIEW™ IS ALSO AVAILABLE IN 80MM (3 1/8")

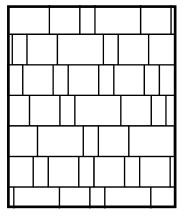
80 units / pallet - 72 sq. ft. / pallet 2,568 lbs. / pallet - 8 layers / pallet

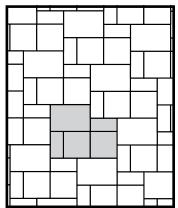
 $18" \times 12" \times 3^{1}/8" - 16 \text{ units / pallet } - 54.1 \text{ lbs. / unit}$ 12" x 12" x 3 1/8" - 32 units / pallet - 36.4 lbs. / unit 6" x 12" x 3 1/8" - 32 units / pallet - 16.8 lbs. / unit

LAYING **PATTERNS**









NOTES











WALKWAYS





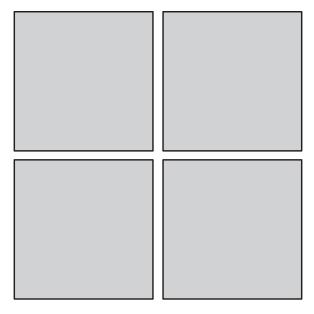


COLOR SWATCHES AVAILABLE AT LAMPUS.COM • ALL WEIGHTS ARE APPROXIMATE.

GRANDVIEW™ PLAZA

PALLET OVERVIEW

SPECIFICATIONS

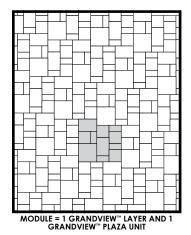


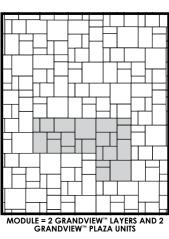


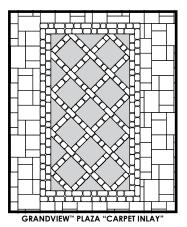
18" x 18" x 2 ³/₈" 4 units / layer 62 lbs. / unit

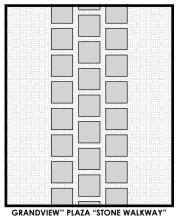
44 units / pallet 99 sq. ft. / pallet 2,732 lbs. / pallet 11 layers / pallet

LAYING PATTERNS









NOTES

APPLICATIONS



















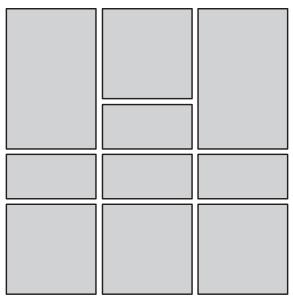
COLOR SWATCHES AVAILABLE AT LAMPUS.COM • ALL WEIGHTS ARE APPROXIMATE.

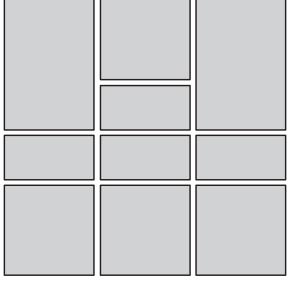


GRANDVIEW™ SMOOTH

PALLET OVERVIEW

SPECIFICATIONS







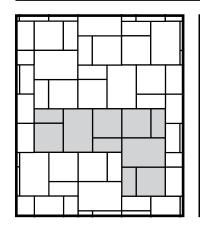
18" x 12" x 2 ³/₈" 22 units / pallet 2 units / layer 41.4 lbs. / unit

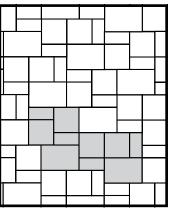
12" x 12" x 2 ³/8" 44 units / pallet 4 units / layer 27.6 lbs. / unit

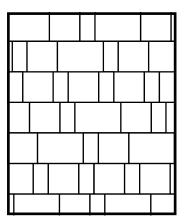
6" x 12" x 2 ³/8" 44 units / pallet 4 units / layer 13.8 lbs. / unit

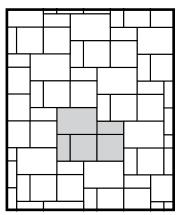
110 units / pallet 99 sq. ft. / pallet 2,732 lbs. / pallet 11 layers / pallet *Permeable Infiltration Rate 120" / hour

LAYING **PATTERNS**









NOTES













POOLSIDES



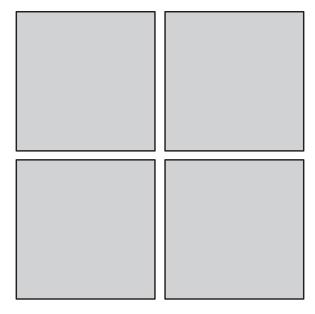


COLOR SWATCHES AVAILABLE AT LAMPUS.COM • ALL WEIGHTS ARE APPROXIMATE.

GRANDVIEW™ PLAZA SMOOTH

PALLET OVERVIEW

SPECIFICATIONS

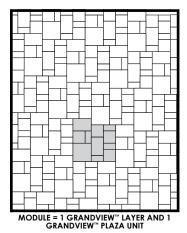


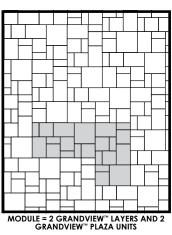


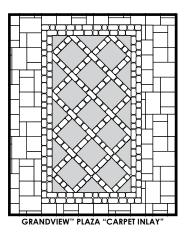
18" x 18" x 2 ³/₈" 4 units / layer 62 lbs. / unit

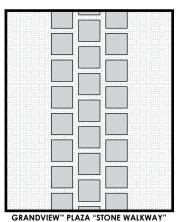
44 units / pallet 99 sq. ft. / pallet 2,732 lbs. / pallet 11 layers / pallet

LAYING PATTERNS









NOTES

APPLICATIONS













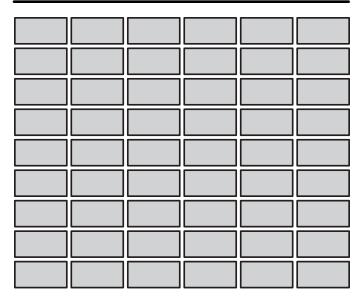






HOLLAND PROGUARD

PALLET OVERVIEW



486 units / pallet 105 sq. ft. / pallet 2,920 lbs. / pallet 9 layers / pallet SOLDIER: 159.5 ln. ft. / pallet SOLDIER: 18 ln. ft. / layer SAILOR: 319 ln. ft. / pallet SAILOR: 36 ln. ft. / layer

SPECIFICATIONS

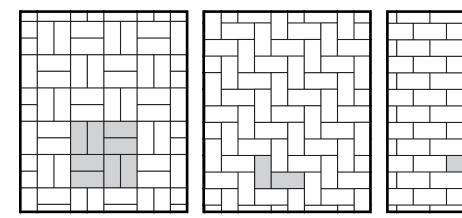


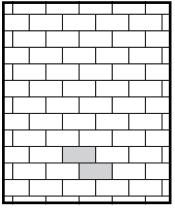
3 15/16" x 7 7/8" x 2 3/8" 4.6 units / sq. ft. 54 units / layer 6 lbs. / unit

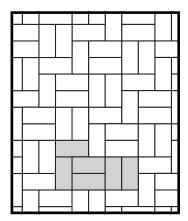
HOLLAND IS ALSO AVAILABLE IN 80MM (3 1/8")

3 ¹⁵/₁₆" x 7 ⁷/₈" x 3 ¹/₈" 432 units / pallet 82 sq. ft. / pallet 2,838 lbs. / pallet 7 layers / pallet

LAYING PATTERNS







NOTES











POOLSIDES



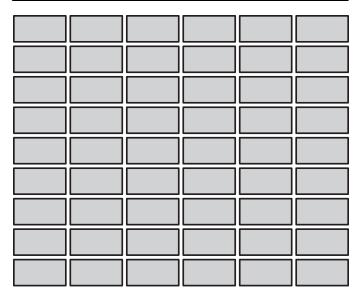


COLOR SWATCHES AVAILABLE AT LAMPUS.COM • ALL WEIGHTS ARE APPROXIMATE.

HOLLAND PG PLUS

PALLET OVERVIEW

SPECIFICATIONS



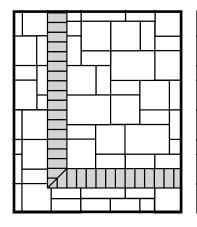


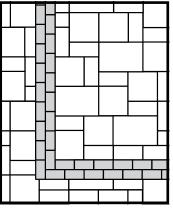
3 15/16" x 7 7/8" x 2 3/8" 4.6 units / sq. ft. 54 units / layer 6 lbs. / unit

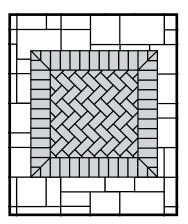
*Available in 80mm (3 1/8")

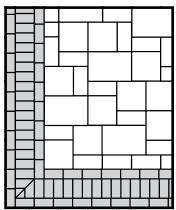
270 units / pallet 58.3 sq. ft. / pallet 1,622 lbs. / pallet 5 layers / pallet SOLDIER: 90 ln. ft. / pallet SOLDIER: 18 ln. ft. / layer SAILOR: 180 ln. ft. / pallet SAILOR: 36 ln. ft. / layer

LAYING PATTERNS









NOTES

APPLICATIONS











WALKWAYS



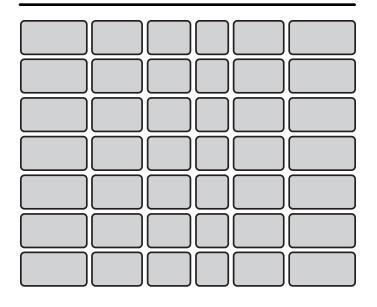




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LIGONIER PG PLUS

PALLET OVERVIEW



210 units / pallet 53 sq. ft. / pallet 1,333 lbs. / pallet 5 layers / pallet 125 ln. ft. / pallet 25 ln. ft. / layer

SPECIFICATIONS









5" x 8 ¹/₂" x 2 ³/₈" 70 units / pallet 14 units / layer 7.5 lbs. / unit

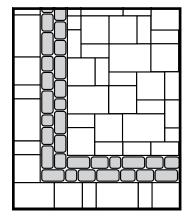
5" x 7 ¹/₄" x 2 ³/₈" 70 units / pallet 14 units / layer 6.5 lbs. / unit

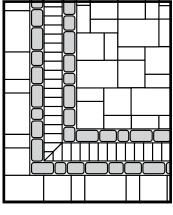
5" x 6 ¹/₄" x 2 ³/₈" 35 units / pallet 7 units / layer 5.6 lbs. / unit

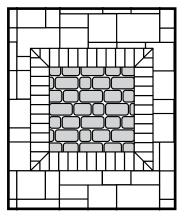
5" x 5" x 2 3/8" 35 units / pallet 7 units / layer 4.5 lbs. / unit

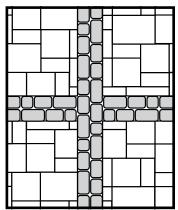
Ligonier void space is 8%.
50 lb. bag of sand fills approximately 18.5 sq. ft.
55 lb. bag of sand fills approximately 20.4 sq. ft.
2 lbs. of #8 stone fills approximately 1 sq. ft.

LAYING PATTERNS









NOTES



















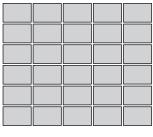


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STRATFORD PROGUARD

PALLET OVERVIEW

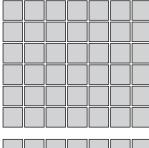
SPECIFICATIONS



270 units / pallet 111 sq. ft. / pallet 3,004 lbs. / pallet 9 layers / pallet SOLDIER: 140 In. ft. / pallet SOLDIER: 28 In. ft. / section SAILOR: 211 In. ft. / pallet SAILOR: 42 In. ft. / section



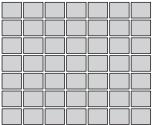
6 ¹/₄" x 9 ³/₈" x 2 ³/₈" 2.4 units / sq. ft. 30 units / layer 10.5 lbs. / unit



378 units / pallet 104 sq. ft. / pallet 2,815 lbs. / pallet 9 layers / pallet 197 In. ft. / pallet 28 In. ft. / section



6 ¹/₄" x 6 ¹/₄" x 2 ³/₈" 3.6 units / sq. ft. 42 units / layer 7.5 lbs. / unit

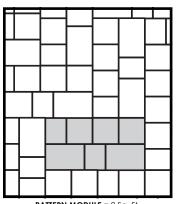


441 units / pallet 91 sq. ft. / pallet 2,460 lbs. / pallet 9 layers / pallet SOLDIER: 167.5 In. ft. / pallet SOLDIER: 24 In. ft. / section SAILOR: 229.5 In. ft. / pallet SAILOR: 33 In. ft. / section

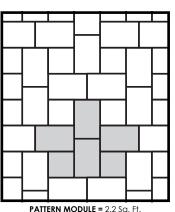


4 ⁹/16" x 6 ¹/₄" x 2 ³/₈" 4.8 units / sq. ft. 49 units / layer 5.5 lbs. / unit

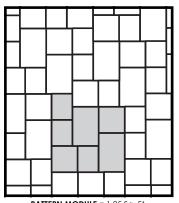
LAYING PATTERNS



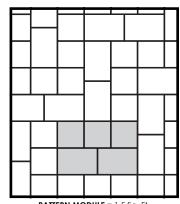
PATTERN MODULE = 2 Sq. Ft. **6x9:** 40% **6x6:** 40% **4x6:** 20% *Percent of total area



PATTERN MODULE = 2.2 Sq. Ft. **6x9:** 75% **6x6:** 25% *Percent of total area



PATTERN MODULE = 1.95 Sq. Ft. 6x9: 42% 6x6: 28% 4x6: 30% *Percent of total area



PATTERN MODULE = 1.5 Sq. Ft. 6x9: 50% 6x6: 50%

NOTES

APPLICATIONS



DRY-CAST COMPACTION





POOLSIDES

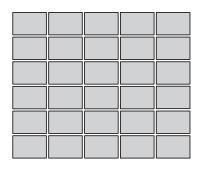




STRATFORD PG PLUS

PALLET OVERVIEW

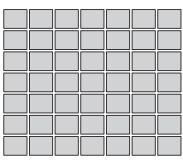
SPECIFICATIONS



150 units / pallet 61.65 sq. ft. / pallet 1,670 lbs. / pallet 5 layers / pallet SOLDIER: 78 ln. ft. / pallet SOLDIER: 15.5 ln. ft. / layer SAILOR: 117 ln. ft. / pallet SAILOR: 23.5 ln. ft. / layer



6 1/4" x 9 3/8" x 2 3/8" 2.4 units / sq. ft. 30 units / layer 10.5 lbs. / unit

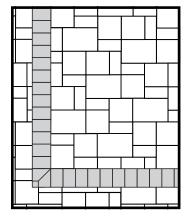


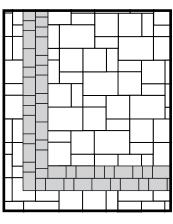
245 units / pallet 50.5 sq. ft. / pallet 1,370 lbs. / pallet 5 layers / pallet SOLDIER: 93 ln. ft. / pallet SOLDIER: 18.5 ln. ft. / layer SAILOR: 127.5 ln. ft. / pallet SAILOR: 25.5 ln. ft. / layer

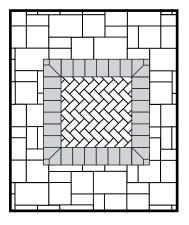


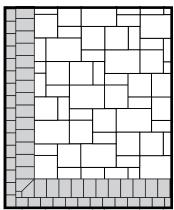
4 ⁹/₁₆" x 6 ¹/₄" x 2 ³/₈" 4.8 units / sq. ft. 49 units / layer 5.5 lbs. / unit

LAYING PATTERNS









NOTES

















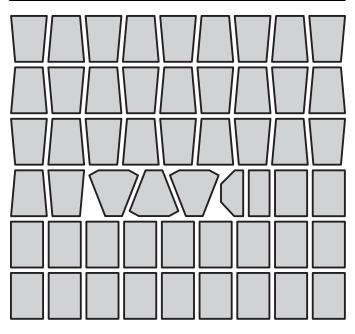


COLOR SWATCHES AVAILABLE AT LAMPUS.COM • ALL WEIGHTS ARE APPROXIMATE.

STRATFORD PG PLUS CIRCLE

PALLET OVERVIEW

SPECIFICATIONS



324 units / pallet 64 sq. ft. / pallet 1,732 lbs. / pallet 6 layers / pallet



3 1/8" x 6 1/4" x 2 3/8" 6 units / pallet 1 units / layer



7" - 2 ³/₄" x 6 ¹/₄" x 2 ³/₈" 18 units / pallet 3 units / layer



5 1/4" - 3 7/8" x 6 1/4" x 2 3/8" 174 units / pallet 29 units / layer

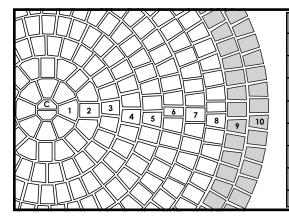


3 1/8" x 6 1/4" x 2 3/8" 6 units / pallet 1 units / layer



4 ⁵/₈" x 6 ¹/₄" x 2 ³/₈" 120 units / pallet 20 units / layer

LAYING PATTERN



| CIRCLE LAYOUT | | | | | | | | | | | | |
|---|----|--------|----------|---------|----------|--------|-----|-----|------|------|------|--|
| Course | U | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Circle Diameter | 6" | 19" | 32" | 45" | 57" | 70" | 83" | 96" | 108" | 121" | 134" | |
| 3 ¹ /8" x 6 ¹ /4" x 2 ³ /8" | 2 | | | | | | | | | | | |
| 7" - 2 ³ /4" x 6 ¹ /4" x 2 ³ /8" | | 8 | 8 | | | | | | | | | |
| 5 1/4" - 3 7/8" x 6 1/4" x 2 3/8" | | | | 26 | 34 | 21 | 26 | 30 | 34 | 38 | 42 | |
| 3 ¹ /8" x 6 ¹ /4" x 2 ³ /8" | | | | | | | 2 | | 1 | | | |
| 4 ⁵ /8" x 6 ¹ /4" x 2 ³ /8" | | | 8 | | | 21 | 24 | 30 | 33 | 38 | 42 | |
| | | *\$000 | nd nalle | t equal | c rowc 0 | and 10 | | | | | | |

NOTES









POOLSIDES



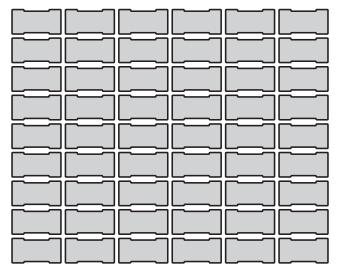


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ECO-TEK® - PERMEABLE PAVER

PALLET OVERVIEW

SPECIFICATIONS





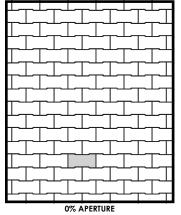
4" x 8" x 3 1/8" 4.97 units / sq. ft. 63 units / section 7 lbs. / unit

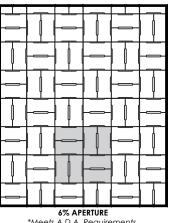
378 units / pallet 76 sq. ft. / pallet 2,685 lbs. / pallet 6 sections / pallet 12.6 sq. ft. / section SOLDIER: 126 ln. ft. / pallet SOLDIER: 21 ln. ft. / section

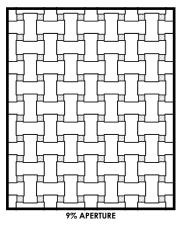
SAILOR: 252 In. ft. / pallet SAILOR: 42 In. ft. / section

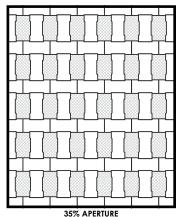
*6% Aperture Permeable Infiltration Rate 498" / hour

LAYING PATTERNS









*Meets A.D.A. Requirements.

NOTES

APPLICATIONS











POOLSIDES





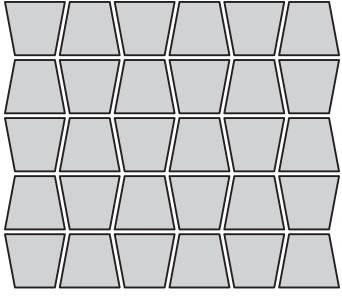
COLOR SWATCHES AVAILABLE AT LAMPUS.COM • ALL WEIGHTS ARE APPROXIMATE.



CASTLEROK®

PALLET OVERVIEW

SPECIFICATIONS



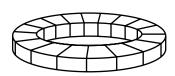


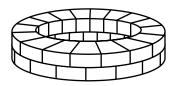
9" - 6" x 8" x 4" 19 lbs. / unit 4 units / sq. ft.

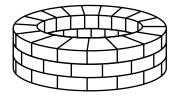
90 units / pallet 22.5 sq. ft. / pallet 3 layers / pallet 1,710 lbs. / pallet

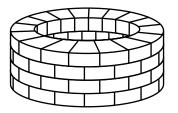
LAYING PATTERNS

- 30" Inside Diameter Fire Pit uses 68 Castlerok® Units (17 block per row over 4 rows).
- This pit is designed to fit our 30" Carbon Steel Insert.
- 24" & 42" Carbon Steel Inserts also available.
- See lampus.com/resources for more details.









NOTES

CAP OPTIONS

APPLICATIONS





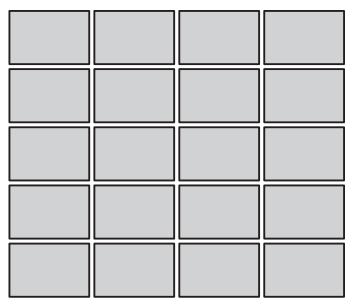




COUNTRY STONE

PALLET OVERVIEW

SPECIFICATIONS

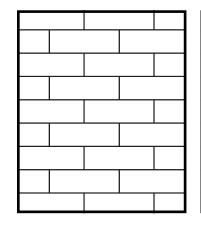


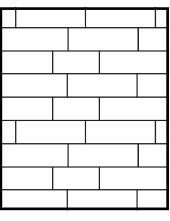


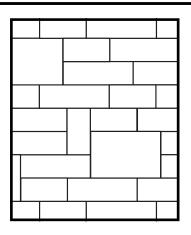
12" x 8" x 4" 31 lbs. / unit 3 units / sq. ft. (per typical installation)

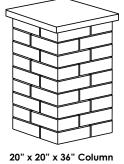
60 units / pallet 17 sq. ft. / pallet 3 layers / pallet 1,860 lbs. / pallet

LAYING PATTERNS









4 block / layer 9 layers /column 24" x 24" Column Cap on top

NOTES

CAP OPTIONS

APPLICATIONS





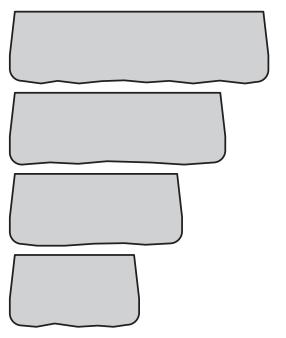


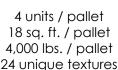


ROSETTA® GRAND LEDGE

PALLET OVERVIEW

SPECIFICATIONS













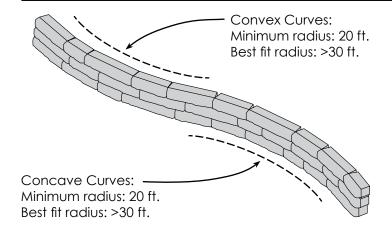
72" x 20" x 12" 1,350 lbs. / unit 1 unit / pallet

60" x 20" x 12" 1,080 lbs. / unit 1 unit / pallet

48" x 20" x 12" 890 lbs. / unit 1 unit / pallet

36" x 20" x 12" 660 lbs. / unit 1 unit / pallet

LAYING PATTERNS



Note: Minimum radii shown are based on an average mix of block lengths. Actual radius will depend upon block placement.

Due to the setback between courses of blocks (2.25 inches per course), the radius of convex curves will get smaller towards the top of the wall. It is recommended that you plan your base course layout accordingly due to the tapered ends of the upper courses becoming tighter. The overall radius will decrease as the wall is constructed.

NOTES

CAP OPTIONS

APPLICATIONS









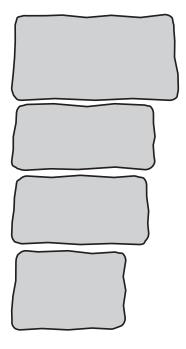
LAMPUS.COM

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ROSETTA® GRAND LEDGE CORNERS

PALLET OVERVIEW

SPECIFICATIONS



4 units / pallet 21 sq. ft. / pallet 3,950 lbs. / pallet 4 unique textures









51" x 26" x 12" 1,280 lbs. / unit 1 unit / pallet

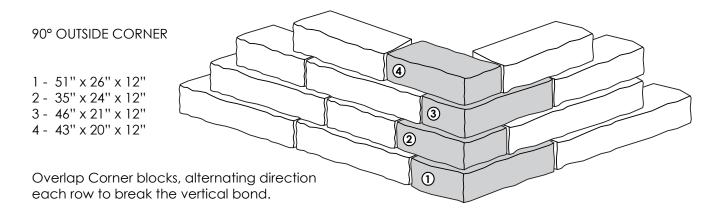
46" x 21" x 12" 970 lbs. / unit 1 unit / pallet

43" x 20" x 12" 840 lbs. / unit 1 unit / pallet

35" x 24" x 12" 850 lbs. / unit 1 unit / pallet

These Corner blocks are designed for use as corners, top blocks, and step returns.

LAYING PATTERNS



NOTES

CAP OPTIONS

APPLICATIONS



412.362.3800



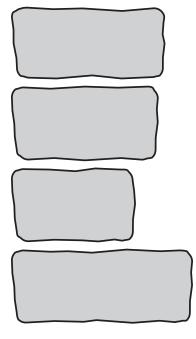


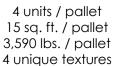


ROSETTA® GRAND LEDGE COPING/FREESTANDING

PALLET OVERVIEW

SPECIFICATIONS













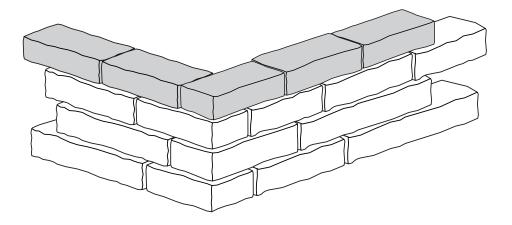
46" x 21" x 12" 970 lbs. / unit 1 unit / pallet

43" x 20" x 12" 840 lbs. / unit 1 unit / pallet

36" x 20" x 12" 700 lbs. / unit 1 unit / pallet

54" x 20" x 12" 1,080 lbs. / unit 1 unit / pallet

LAYING PATTERNS



Note: The Grand Ledge Coping/Freestanding units have a natural stone finish on 5 sides and can be used for corners, top blocks, step returns, and freestanding walls.

NOTES

APPLICATIONS



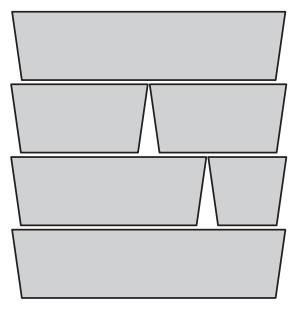


TDOOR WALLS & COLUMNS

ROSETTA® KODAH

PALLET OVERVIEW

SPECIFICATIONS



18 units / pallet
Retaining Wall: 21 sq. ft. / pallet
Seating Wall: 20 sq. ft. / pallet
3 layers / pallet
2,400 lbs. / pallet
8 ½' minimum radius



42" x 10 1/2" x 6" 200 lbs. / unit 6 units / pallet



30" x 10 1/2" x 6" 140 lbs. / unit 3 units / pallet



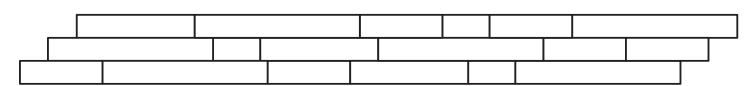
21" x 10 1/2" x 6" 100 lbs. / unit 6 units / pallet



12" x 10 1/2" x 6" 50 lbs. / unit 3 units / pallet

*Wall blocks have a 3" taper (1 $\frac{1}{2}$ " per side).

LAYING PATTERNS



• This random laying pattern uses one full pallet of block.

NOTES

CAP OPTIONS

APPLICATIONS





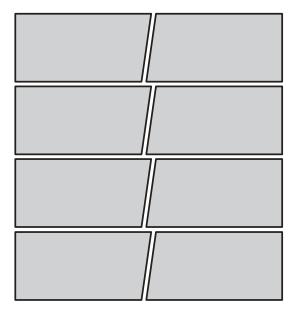




ROSETTA® KODAH CORNER

PALLET OVERVIEW

SPECIFICATIONS



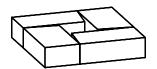


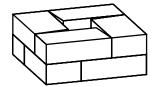
21" x 10 1/2" x 6" 100 lbs. / unit 1.3 sq. ft / unit

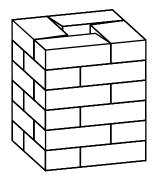
24 units / pallet 31.5 sq. ft. / pallet 3 layers / pallet 2,500 lbs. / pallet

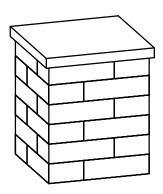
LAYING PATTERNS

• One pallet of corner blocks will make a 32" x 32" x 36" high column.









NOTES

APPLICATIONS







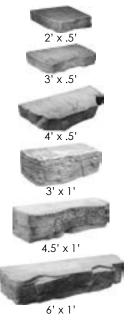
ROSETTA® OUTCROPPING

SPECIFICATIONS



5.5' x 1'

A PALLET:
4 units / pallet
18 face sq. ft. / pallet
220 lbs. / sq. ft.
4,000 lbs. / pallet



B PALLET:
6 units / pallet
18 face sq. ft. / pallet
220 lbs. / sq. ft.
4,000 lbs. / pallet



C PALLET:
4 units / pallet
18 face sq. ft. / pallet
220 lbs. / sq. ft.
4,000 lbs. / pallet

LAYING PATTERNS

| | B - 4.5 x | 1 | B - 3 x .5 A - 5 x 1 | B - 4 x .5 B - 2 x .5 | A - 4 x 1 | | A - 3.5 x 1 | А | - 5 x 1 | C-2x.5 C-3x.5 | B - 3 x 1 | | A - 5.5 x 1 | A - 3.5 | x 1 |
|----|-----------|------------|-------------------------|--------------------------|-----------|-----------|-------------|---|-----------|---------------|-----------|---|-------------|---------|-----|
| Δ. | -4x1 B | B - 4 x .5 | | _ | B - 6 x 1 | C - 4 x 2 | A - 5.5 x | ı | B - 3 x 1 | C - 5 x 1.5 | B - 4.5 x | 1 | B - 6 x 1 | | |

2' x 45' WALL - 90 sq. ft. (Uses 2 A Pallets, 2 B Pallets, & 1 C Pallet)

| | A - 5 > | c1 | А | - 3.5 x 1 | E | 3 - 4.5 x 1 | C - 5 x 1.5 | | C - 5 x 1.5 | | I.5 B - 6 x 1 | | B-2x.5 B | | x .5 B - 2 x .5 | |
|---|-------------|-----------|---|-----------|---|-------------|-------------|------------|-----------------|--------------------------|---------------|----------|-------------|--|--------------------|--|
| Ī | B - 4.5 x 1 | | | C - 4 x 2 | | B - 3 x 1 | C - 2 x .5 | C - 3 x .5 | B - 3 x 1 | B - 3 x .5 B - 4 x .5 | | - 3 x .5 | A - 3.5 x 1 | | | |
| | В- | B - 6 x 1 | | | | A - 5.5 | | | 5 x 1 A - 5.5 x | | 1 A - 4 | | 1 x 1 | | | |

3' x 30' WALL - 90 sq. ft. (Uses 2 A Pallets, 2 B Pallets, & 1 C Pallet)

| | | B - 6 x 1 | | | A - 5 x 1 | | B-2x.5 B-3x.5 B- B-3x.5 A-4x | | | B - 4.5 x | 1 | |
|---|-------|-----------------|-------------|------------|-----------|-----------|---------------------------------|-----------|-------------|-----------|-----------|---|
| | | A - 5.5 x 1 | | B - 6 | | x 1 | C.4 | C - 4 x 2 | | - 4 x 1 | B - 3 x 1 | |
| | | C-3x. C-2x.5 | | B - 4 x .5 | | B - 3 x 1 | | | B - 4.5 x 1 | | A - 4 x | 1 |
| ١ | A - 3 | 3.5 x 1 | C - 5 x 1.5 | | | A - 5 x | 1 | A - 3.5 | x 1 | A - 5 | 5.5 x 1 | |

4' x 22 $^{1}/_{2}$ ' WALL - 90 sq. ft. (Uses 2 A Pallets, 2 B Pallets, & 1 C Pallet)

| A - 4 x 1 | | В - | 4.5 x 1 | C - 3 x .5 | C - 2 x .5 | B - 4.5 x 1 | |
|-----------|--------------------------|-----|---------|-----------------------|------------------------|--------------------|--|
| B - 3 x | B - 3 x 1 | | -4×1 | C - 5 | x 1.5 | B - 6 x 1 | |
| B - 6 x | B - 6 x 1 | | A - 5 | 5 x 1 | B - 4 x . B - 3 x 1 | 5 B-3x.5 B-4x.5 | |
| A - 3.5 | A - 3.5 x 1 A - 5 x 1 | | C-4×2 | B - 2 x .5 B - 3 x | | A - 5.5 x 1 | |
| A - 5 x 1 | | | C-4X2 | - | A - 5.5 x 1 | A - 3.5 x 1 | |

5' x 18' WALL - 90 sq. ft. (Uses 2 A Pallets, 2 B Pallets, & 1 C Pallet)

NOTES

CAP OPTIONS

APPLICATIONS



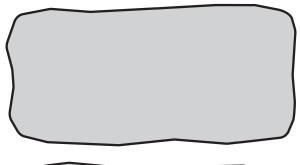




ROSETTA® OUTCROPPING CORNER

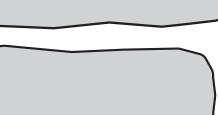
PALLET OVERVIEW

SPECIFICATIONS

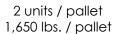




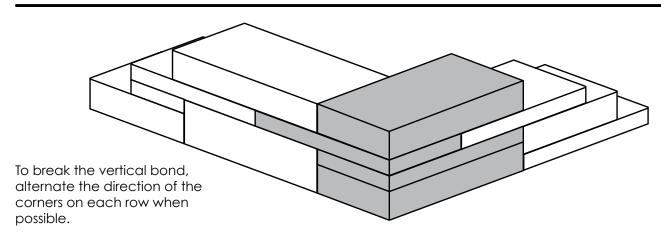
48" x 30" x 12" 1 unit / pallet



39" x 27" x 6" 1 unit / pallet



LAYING PATTERNS



NOTES

CAP OPTIONS

APPLICATIONS



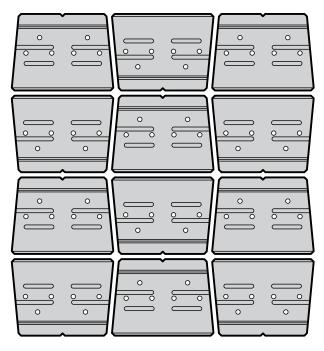




VERSA-LOK® STANDARD

PALLET OVERVIEW

SPECIFICATIONS



The state of the s

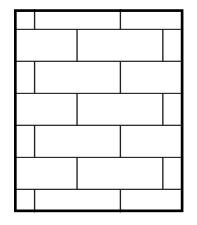
16" x 12" x 6" 86 lbs. / unit 1.5 units / sq. ft. 8' minimum radius

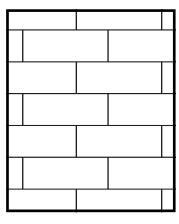
Weathered unit is palletized the same.

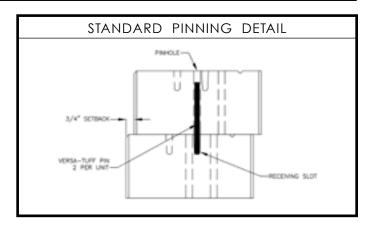
Solid unit is palletized the same.

24 units / pallet 16 sq. ft. / pallet 2 layers / pallet 2,100 lbs. / pallet

LAYING PATTERNS







NOTES

CAP OPTIONS

APPLICATIONS













LIMESTONE





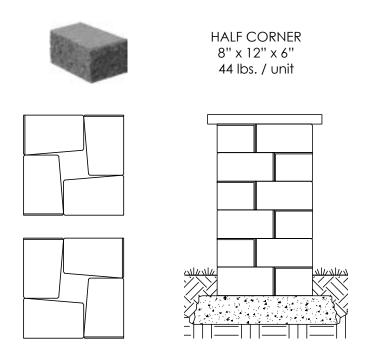
COLOR SWATCHES AVAILABLE AT LAMPUS.COM • ALL WEIGHTS ARE APPROXIMATE.

VERSA-LOK® STANDARD

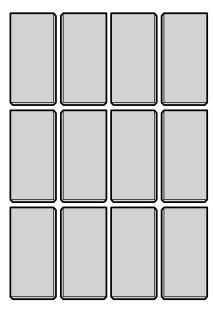
PALLET OVERVIEW

48 units / pallet 2 layers / pallet 2,100 lbs. / pallet

SPECIFICATIONS



One pallet of half blocks will make two 20" x 20" x 36" columns.

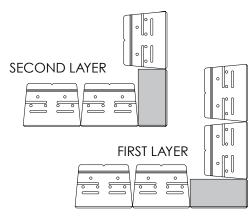


36 units / pallet 3 layers / pallet 2,280 lbs. / pallet



FULL RETURN CORNER 16" x 8" x 6" 63 lbs. / unit

*See above for column detail.

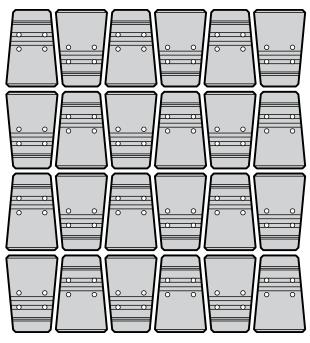


To stay on half bond when installing a 90° outside corner, alternate the direction of the full return corner block on each row. Place masonry adhesive between corner blocks for additional strength.

VERSA-LOK® COBBLE

PALLET OVERVIEW

SPECIFICATIONS



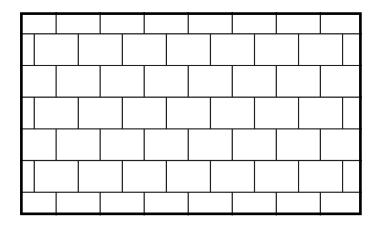


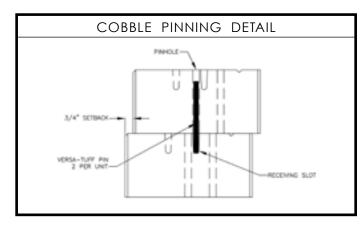
8" x 12" x 6" 38 lbs. / unit 3 units / sq. ft. 4.3' minimum radius

Weathered unit is palletized the same.

48 units / pallet 16 sq. ft. / pallet 2 layers / pallet 1,872 lbs. / pallet

LAYING PATTERNS





NOTES

CAP OPTIONS



















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VERSA-LOK® HARMONY

PALLET OVERVIEW

SPECIFICATIONS



STANDARD 24 units / pallet 16 sq. ft. / pallet 2 layers / pallet 2,100 lbs. / pallet



STANDARD 16" x 12" x 6" 86 lbs. / unit 1.5 units / sa. ft.

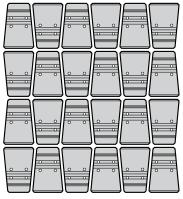


RATIOS

INSTALLATION

HARMONY

COBBLE 8" x 12" x 6" 38 lbs. / unit 3 units / sq. ft.



COBBLE 48 units / pallet 16 sq. ft. / pallet 2 layers / pallet 1,872 lbs. / pallet

1:1 RATIO: 1 Standard (66%): 1 Cobble (33%) Total square feet of the wall is equal to how many of each unit you will need.

• Example: 100 Sq. Ft. Wall 100 Standard Units 100 Cobble Units

1:2 RATIO: 1 Standard (50%): 2 Cobble (50%)

Total square feet of the wall is divided in half. Multiply that number by 1.5 for Standards and 3 for Cobbles.

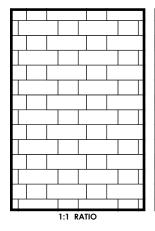
• Example: 100 Sq. Ft. Wall: 100 ÷ 2 = 50 50 x 1.5 = 75 Standard Units 50 x 3 = 150 Cobble Units

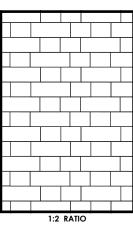
3:2 RATIO: 3 Standard (75%): 2 Cobble (25%)

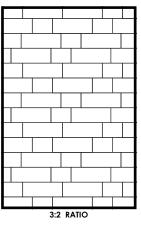
Total square feet of the wall is divided by 2.66. Multiply that number by 3 for Standards and 2 for Cobbles.

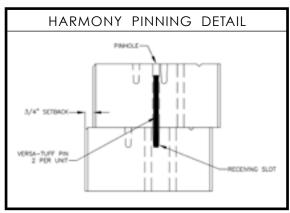
• Example: 100 Sq. Ft. Wall: 100 ÷ 2.66 = 37.6 (38) $38 \times 3 = 114$ Standard Units 38 x 2 = 76 Cobble Units

LAYING PATTERNS









NOTES

CAP OPTIONS

APPLICATIONS









BULLNOSE CAPS









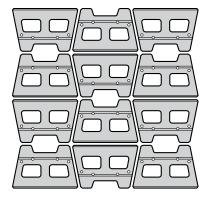


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VERSA-LOK® SQ. FT. BLOCK

PALLET OVERVIEW

SPECIFICATIONS



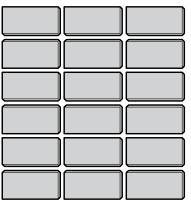
24 units / pallet 24 sq. ft. / pallet 2 layers / pallet 2,256 lbs. / pallet



18" x 12" x 8" 94 lbs. / unit 1 unit / sq. ft. 4.5' minimum radius

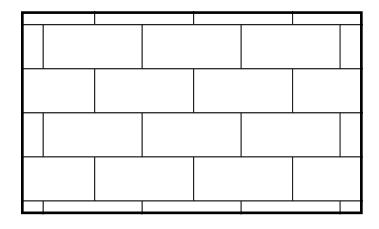


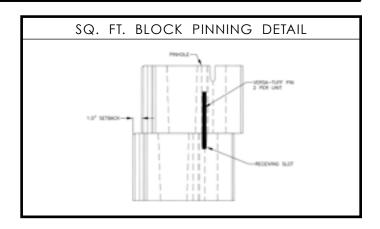
SQ. FT. CORNER 12" x 6" x 8" 48 lbs. / unit



SQ. FT. CORNER 36 units / pallet 2 layers / pallet 1,730 lbs. / pallet

LAYING PATTERNS





NOTES

CAP OPTIONS

APPLICATIONS









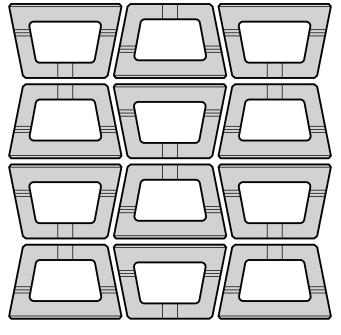


WALLS & COLUMNS

GEOSTONE

PALLET OVERVIEW

SPECIFICATIONS





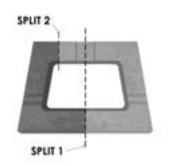
18" x 12" x 8" 80 lbs. / unit 1 unit / sq. ft. 1/2 cu. ft. / per core 4.5' minimum radius

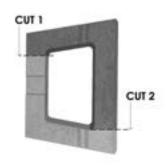
24 units / pallet 24 sq. ft. / pallet 2 layers / pallet 1,920 lbs. / pallet

CORNER DETAILS

A corner takes 1.5 blocks per course to make. The first block is split in half. Take care to make sure this split is made at exactly the halfway point so that the other half can be used on the next course's corner.

On the second block, measure all the way to the point where the inside of the core starts to make its turn. This is where a cut is necessary in order to fit snug against the machined edge of the other piece of the corner. The length of the piece to be cut off should be 3" (the same as the width of the split edge on the half block).







NOTES

CAP OPTIONS

APPLICATIONS











WALLS &

MAGNUMSTONE®

STANDARD BLOCKS



STANDARD
Face Width: 48"
Back Width: 39"
Depth: 25"
Height: 24"
Weight/Unit: 1,270 Lbs.
Units/Pallet: 2
Volume Voids: 6.1 Ft.³
Face Area: 8 Sq. Ft.
Batter/Setback: 2.4°



STANDARD BASE
Face Width: 48"
Back Width: 39"
Depth: 25"
Height: 24"
Weight/Unit: 1,295 Lbs.
Units/Pallet: 2
Volume Voids: 6.1 Ft.³
Face Area: 8 Sq. Ft.
Batter/Setback: 2.4°



STANDARD TOP
Face Width: 48"
Back Width: 39"
Depth: 25"
Height: 24"
Weight/Unit: 1,220 Lbs.
Units/Pallet: 2
Volume Voids: 6.1 Ft.3
Face Area: 8 Sq. Ft.
Batter/Setback: 2.4°



STANDARD HALF
Face Width: 24"
Back Width: 14.5"
Depth: 25"
Height: 24"
Weight/Unit: 730 Lbs.
Units/Pallet: 4
Volume Voids: Solid
Face Area: 4 Sq. Ft.
Batter/Setback: 2.4°

EXTENDERS



STANDARD HALF BASE
Face Width: 24"
Back Width: 14.5"
Depth: 25"
Height: 24"
Weight/Unit: 710 Lbs.
Units/Pallet: 4
Volume Voids: Solid
Face Area: 4 Sq. Ft.
Batter/Setback: 2.4°



END/CORNER
Side: Universal
Front Width: 4"
Back Width: 9"
Depth: 28"
Height: 24"
Weight/Unit: 270 Lbs.
Units/Pallet: 2
Face Area: 4.66 Sq. Ft.

CORNER BLOCKS



FULL RETURN CORNER*
Side: Left or Right
Face Width: 47"
Depth: 23"
Height: 24"
Weight/Unit: 1,700 Lbs.
Units/Pallet: 2
Volume Voids: 4.01 Ft.³
Face Area: 11.67 Sq. Ft.
Batter/Setback: 2.4°



FULL RETURN CORNER BASE*
Side: Left or Right
Face Width: 47"
Depth: 23"
Height: 24"
Weight/Unit: 1,675 Lbs.
Units/Pallet: 2
Volume Voids: 4.01 Ft.3
Face Area: 11.67 Sq. Ft.
Batter/Setback: 2.4°



2 FT. EXTENDER Height: 24" Depth: 24" Back Width: 30" Weight: 573 Lbs. Units/Pallet: 2



4 FT. EXTENDER
Height: 24"
Depth: 48"
Back Width: 30"
Weight: 800 Lbs.
Units/Pallet: 2



STEP/CAP

STEP/CAP Height: 6" Depth: 24" Width: 48" Weight: 580 Lbs. Units/Pallet: 6 Face Area: 4 Ln. Ft.

*NOTE: Full Return Corner, Full Return Corner Base, & Half-High End/Corner have a Left & Right option. Select Left & Right units looking at the face of the wall design.

HALF-HIGH BLOCKS



HALF HIGH
Face Width: 48"
Back Width: 39"
Depth: 25"
Height: 12"
Weight: 635 Lbs.
Units/Pallet: 2
Volume Voids: 3.15 Ft.³
Face Area: 4 Sq. Ft.



HALF-HIGH BASE
Face Width: 48"
Back Width: 39"
Depth: 25"
Height: 12"
Weight: 645 Lbs.
Units/Pallet: 2
Volume Voids: 3.15 Ft.³
Face Area: 4 Sq. Ft.



HALF-HIGH TOP

Face Width: 48"
Back Width: 39"
Depth: 25"
Height: 12"
Weight: 590 Lbs.
Units/Pallet: 2
Volume Voids: 3.15 Ft.3s.
Face Area: 4 Sq. Ft.



END/CORNER*
Side: Left or Right
Front Width: 4"
Back Width: 9"
Depth: 28"
Height: 12"
Weight: 128 Lbs.
Units/Pallet: 4
Face Area: 2.33 Sq. Ft.



HALF-HIGH 2-SIDED FREESTANDING Face Width: 48" Depth: 26" Height: 12" Weight: 525 Lbs. Units/Pallet: 2



HALF-HIGH 3-SIDED FREESTANDING END Face Width: 48" Depth: 26" Height: 12" Weight: 575 Lbs. Units/Pallet: 2

— Freestanding Base units are also available. —

NOTES





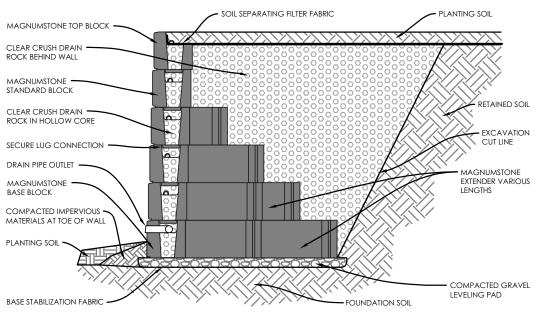




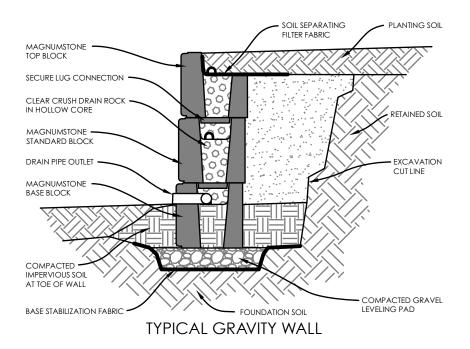


MAGNUMSTONE®

CROSS SECTIONS



TYPICAL GRAVITY WALL USING EXTENDERS



NOTES

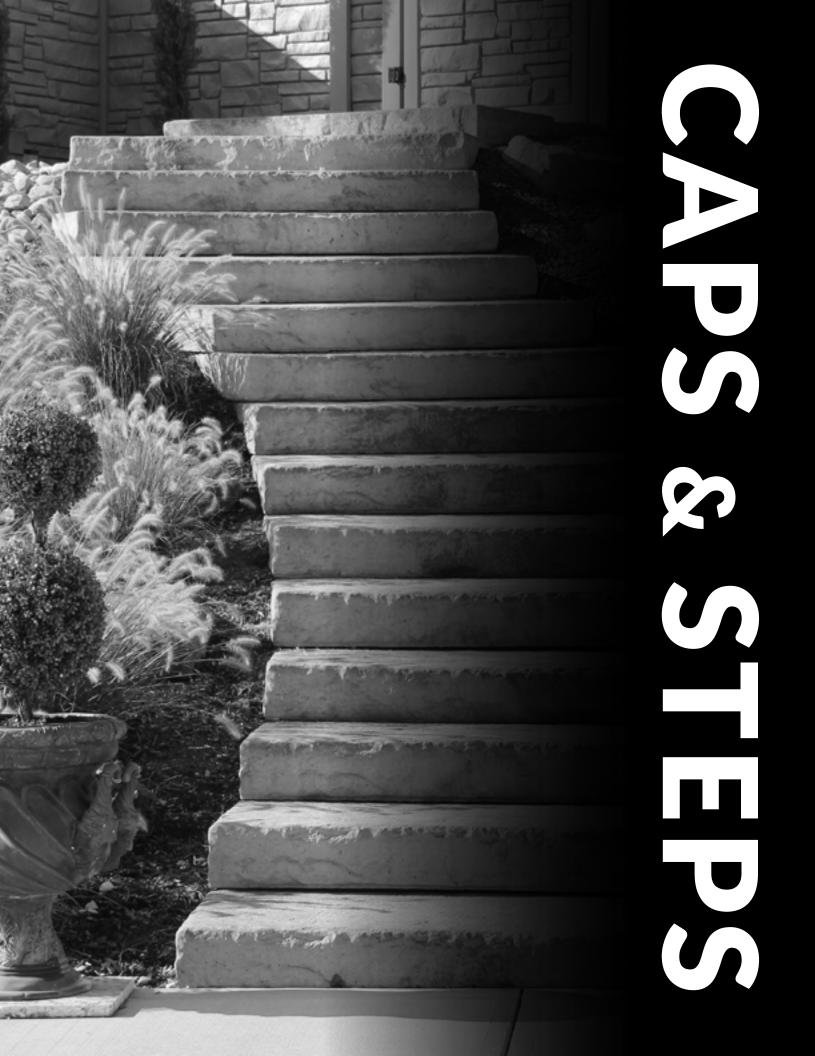
CAP OPTIONS

APPLICATIONS





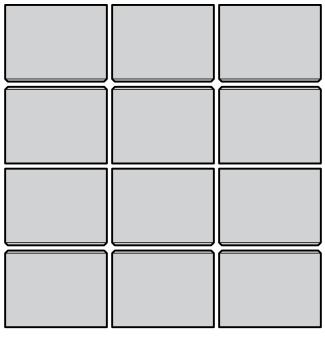




C CAPS

PALLET OVERVIEW

SPECIFICATIONS





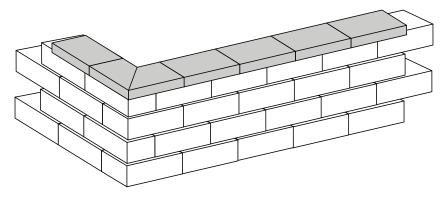
16" x 12" x 3 5/8" 56 lbs. / unit 1.3 ln. ft. / unit

Weathered unit is palletized the same.

48 units / pallet 64 ln. ft. / pallet 4 layers / pallet 2,700 lbs. / pallet

LAYING PATTERNS

• This detail shows a Versa-Lok® Standard 90° outside corner wall capped with C Caps with a mitered corner.



NOTES

APPLICATIONS

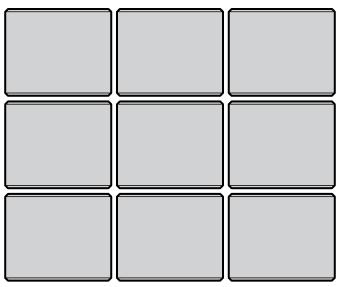




C-2 CAPS

PALLET OVERVIEW

SPECIFICATIONS



36 units / pallet 48 In. ft. / pallet

4 layers / pallet 1,950 lbs. / pallet

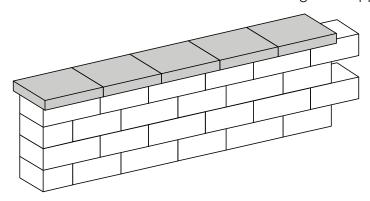


16" x 13" x 3 5/8" 60 lbs. / unit 1.3 In. ft. / unit

Weathered unit is palletized the same.

LAYING PATTERNS

• This detail shows a Versa-Lok® Standard double-sided freestanding wall capped with C-2 Caps.



NOTES

APPLICATIONS

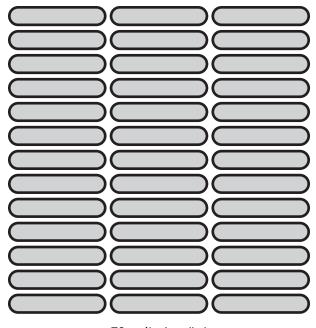




DOUBLE BULLNOSE CAPS

PALLET OVERVIEW

SPECIFICATIONS



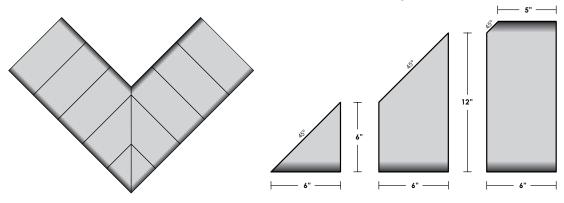


6" x 13" x 2 3/8" 15 lbs. / unit .5 ln. ft. / unit

78 units / pallet 39 ln. ft. / pallet 2 layers / pallet 1,770lbs. / pallet

LAYING PATTERNS

• This detail shows how to miter-cut a 90° outside corner using Double Bullnose Caps



NOTES

APPLICATIONS



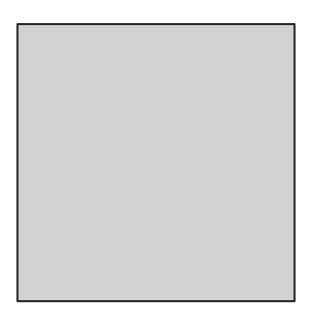




LIMESTONE COLUMN CAPS

PALLET OVERVIEW

SPECIFICATIONS



15 units / pallet



24" x 24" x 2" 100 lbs. / unit

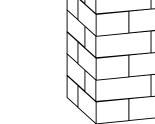


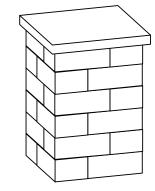
LAYING PATTERNS

• This detail shows a 20" x 20" x 36" column built with Versa-Lok $^{\rm B}$ Half Corners and capped with a 24" Limestone Column Cap.









NOTES



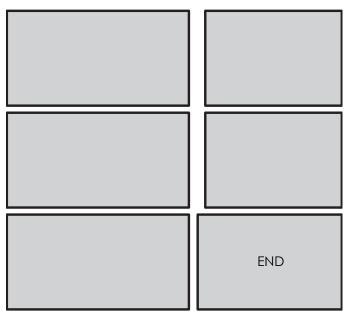




ROSETTA® DIMENSIONAL COPING

PALLET OVERVIEW

SPECIFICATIONS



36 units / pallet 63 ln. ft. / pallet 6 layers / pallet

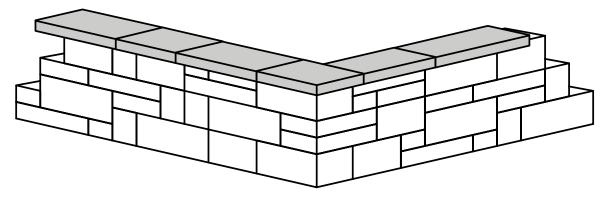
2,000 lbs. / pallet



19" x 12 1/2" x 2 1/2" - END

LAYING PATTERNS

• This detail shows a freestanding Belvedere wall with a 90° outside corner capped with Dimensional Coping.



NOTES

APPLICATIONS

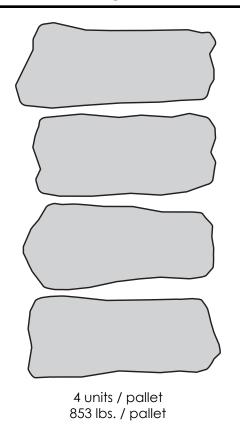




CABIN ROCK™

PALLET OVERVIEW

SPECIFICATIONS









42" x 26" x 3" 213 lbs. / unit

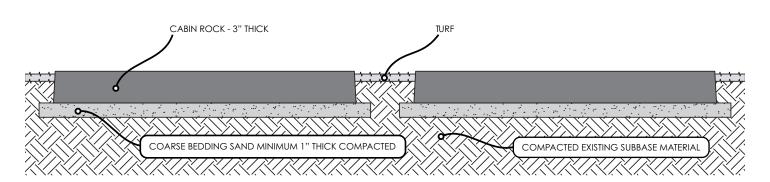


48" x 28" x 3" 213 lbs. / unit



48" x 24" x 3" 213 lbs. / unit

LAYING PATTERNS



NOTES

APPLICATIONS









LANDING STONE

PALLET OVERVIEW

SPECIFICATIONS

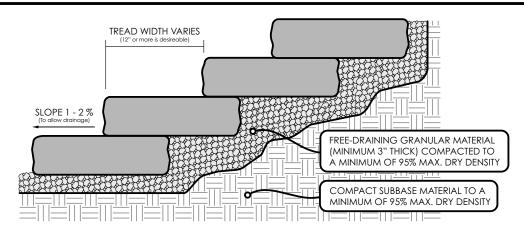


1 units / pallet 880 lbs. / pallet



48" x 30" x 7"

LAYING PATTERNS



NOTES

APPLICATIONS





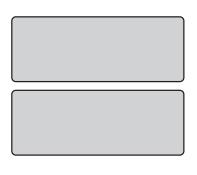




ROSETTA® DIMENSIONAL STEPS

PALLET OVERVIEW

SPECIFICATIONS



4 FT. STEP 4 units / pallet 1,820 lbs. / pallet



4 FT. STEP 48" x 18" x 7" 455 lbs. / unit

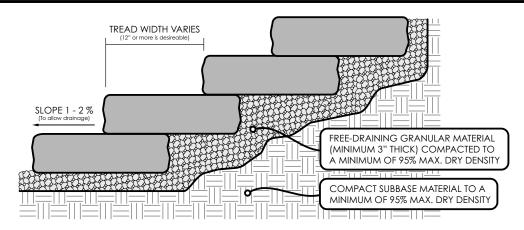


6 FT. STEP 2 units / pallet 2,640 lbs. / pallet



6 FT. STEP 72" x 30" x 7" 1,320 lbs. / unit

LAYING PATTERNS



NOTES

APPLICATIONS





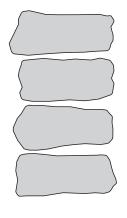




ROSETTA® IRREGULAR STEPS

PALLET OVERVIEW

SPECIFICATIONS



4 FT. STEP 4 units / pallet 2,013 lbs. / pallet



4 FT. STEPS 54" x 22" x 7" 458 lbs. / unit

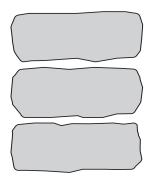
48" x 28" x 7" 567 lbs. / unit

48" x 24" x 7" 512 lbs. / unit

42" x 26" x 7"



476 lbs. / unit



6 FT. STEP 3 units / pallet 3,900 lbs. / pallet

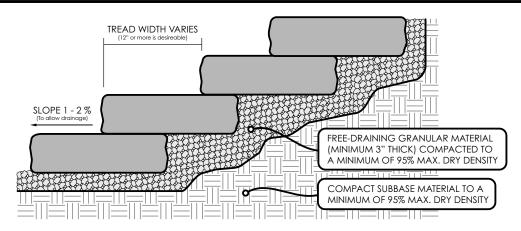


6 FT. STEPS 72" x 29" x 7" 1,300 lbs. / unit

72" x 29" x 7" 1,300 lbs. / unit

72" x 29" x 7" 1,300 lbs.0 / unit

LAYING PATTERNS



NOTES

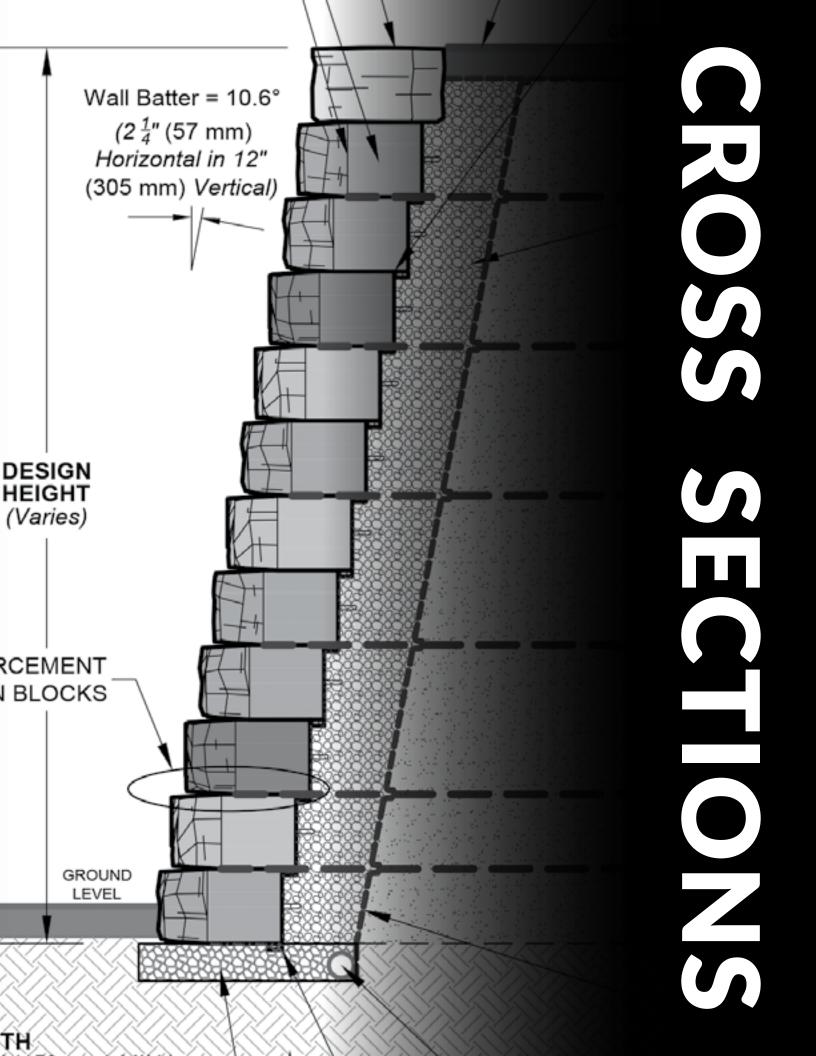
APPLICATIONS



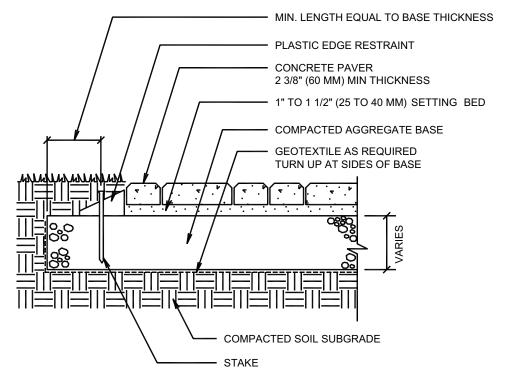








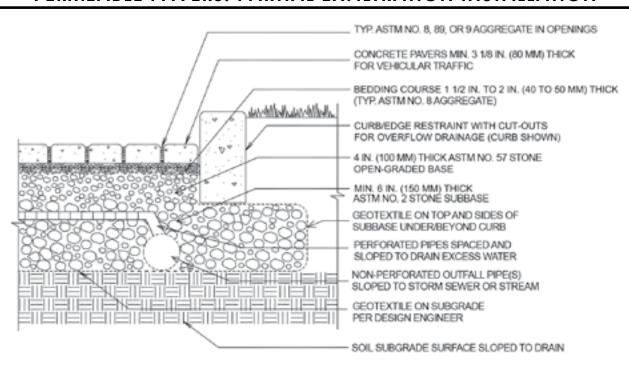
PAVERS: INTERLOCKING PAVEMENT INSTALLATION



NOTE:

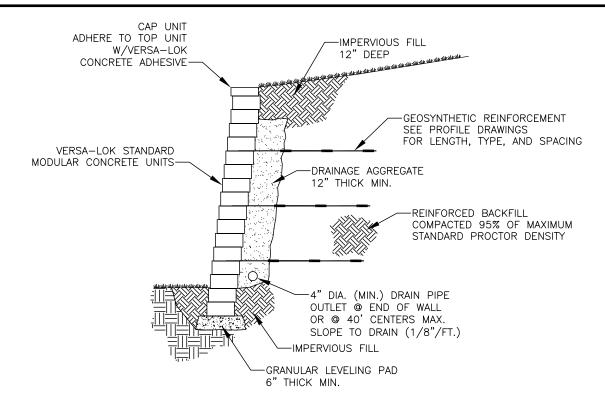
 THICKNESS OF AGGREGATE BASE WILL VARY WITH SUBGRADE CONDITIONS AND CLIMATE. COLDER CLIMATES MAY REQUIRE THICKER BASES.

PERMEABLE PAVERS: PARTIAL EXFILTRATION INSTALLATION

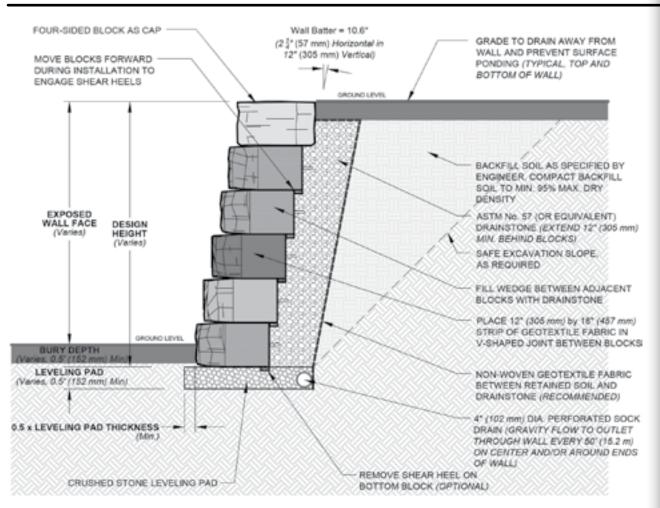


Partial exfiltration through the soil subgrade. Perforated pipes can be raised above the soil subgrade to drain water from higher depth rainstorms. Smaller storms which often contain higher pollutant concentrations can be captured below the perforated pipes, stored and infiltrated.

VERSA-LOK® STANDARD: REINFORCED INSTALLATION



ROSETTA® GRAND LEDGE: GRAVITY INSTALLATION



PRODUCT WARRANTY

R.I. Lampus Company guarantees that all dry-cast wall and paving stone products meet or exceed the requirements of ASTM C-1372 for walls and ASTM C-936 for paving stones. This warranty is limited to the original purchaser for residential applications installed and maintained according to R.I. Lampus Company installation guidelines or industry standards. Damage sustained as a result of improper installation or design, chemical application, excessive loading, or other misuse is expressly excluded from this warranty. Should any dry-cast product prove defective, it will be replaced without cost. Replacement labor and shipping costs are not included in this guarantee. Proof of purchase is required. Retain the warranty tag with batch information for all claims.

R.I. Lampus Company specifically disclaims any warranty relative to color, color consistency, or texture due to natural material variations. Color matching of any replacement units cannot be guaranteed. 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.

Wet-cast products, including Rosetta® Hardscape Products, are backed by a lifetime warranty from the manufacturer to the original end user for products used in residential applications. This assurance of product quality is applicable where products have been correctly installed to manufacturer's specifications or industry standards. Any properly installed hardscape material that deteriorates due to the concrete in the product not meeting the design strength specification will be replaced by the manufacturer of the product. Replacement labor and shipping costs are not included in this guarantee. Proof of purchase is required. Retain the warranty tag with batch information for all claims. The following items are not covered by this warranty: color variances and the appearance of surface stains resulting from chemical reactions such as efflorescence or differential curing, damage caused by installation, deterioration caused by de-icing salts or fertilizers, damage resulting from subgrade settlement or movement, hairline cracks that do not affect the structural performance of the products, spalling of less than three percent of the surface area, contact with chemicals or paint, discoloration due to airborne contamination, staining, oxidation, or improper sealing.

COLOR DISCLAIMER

The colors of products shown in print are to be used as representations or guidelines only. The photographic and printing processes are not fully capable of reproducing exact colors of all products. Colors may also change from production run to production run. All products are not warranted as always available in all locations, and R.I. Lampus Company may change, amend, add, or discontinue any product shape or color at the sole discretion of R.I. Lampus Company with no prior notification. Not all colors are available in all shapes. Check with the sales department for availability.

To assure random color distribution, it is recommended that individual blocks be mixed from different pallets on the job site. Actual product colors may vary slightly. We recommend that products be viewed at your local distributor location. Special order colors are available upon request.

PRODUCT MAINTENANCE

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

Cleaners and sealers are available for surface enhancements and protection when necessary. Any concrete products used for stair tread applications may require a protective sealant to resist adverse effects of de-icing agents.

Snow can be shoveled or plowed from pavers as readily as other pavements. High strength, low absorption R.I. Lampus Company pavers are more resistant to de-icing salts than ordinary concretes, but they can still be damaged by intense applications. Sealers will help to protect the surface.



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