



## INTERLOCKING CONCRETE PAVEMENT SYSTEM (ICP)

### DURABLE FLEXIBLE PAVEMENT SYSTEM

STYLE		CODE	DIMENSIONS	BANDS	CUBES
<b>Vavel II Small Square</b> <b>7" x 7"</b>		<b>4UVA</b>	178mm x 178mm x 70mm Approximate 7" x 7" x 2¾" (PSF = 2.94 stones @ 31.5#)	12.24 SF 398# (36 stones)	85.68 SF 2785# (7 bands)
<b>Vavel II Rectangle</b> <b>7" x 14"</b>		<b>4UVB</b>	178mm x 356mm x 70mm Approximate 7" x 14" x 2¾" (PSF = 1.47 stones @ 31.5#)	24.48 SF 796# (36 stones)	73.44 SF 2387# (3 bands)
<b>Vavel II Large Square</b> <b>14" x 14"</b>		<b>4UVC</b>	356mm x 356mm x 70mm Approximate 14" x 14" x 2¾" (PSF = .74 stones @ 31.5#)	21.76 SF 708# (16 stones)	65.28 SF 2122# (3 bands)

*Note: Use protective plate during compaction.*

### BENEFITS OF ICP

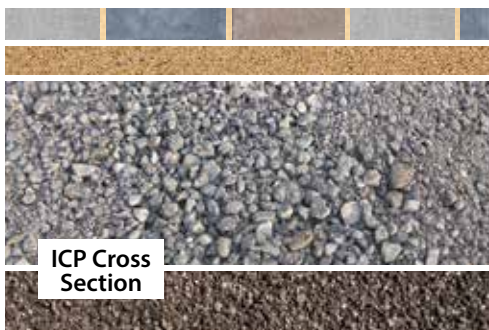
- Flexible system, does not crack or heave in cold climates
- Easier maintenance to the pavement and utilities underneath
- Achieve endless design possibilities with different shapes, textures, colors and laying patterns
- Use pavers to delineate lines and spaces to eliminate the need to maintain paint
- Suitable for a range of applications: plazas, walkways, driveways, roads, etc.
- Borgert pavers are made with granite, creating a dense, resistant wearing course



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### COMPOSITION & MANUFACTURE

#### Typical Cross Section of Concrete Paving Stone



- ▶ **Borgert Pavers**
- ▶ **Bedding Sand 1" Thick (ASTM C33)**
- ▶ **Compacted Aggregate Base Class 2 or Class 5**  
*(Thickness depends on soil condition and application)*
- ▶ **Compacted Soil Subgrade**

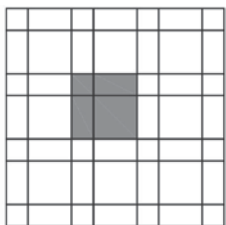
*Prior to screeding the bedding sand, the base surface tolerance must not exceed +/-1/4 in. (+/-6mm) over a 10gt. (3m) straight edge.*

- Pavers exceed industry standards: 8,000 psi - 5% absorption
- Meets or exceeds ASTM C-936 and freeze-thaw testing per section 8 of ASTM C-67
- Manufactured with type A aggregates
- Associated with a range of LEED credits
- ADA Compliant

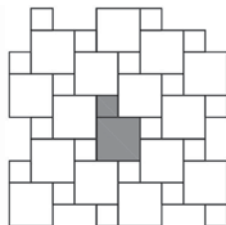
*Written detailed specification information is available, call or visit our website at [borgertproducts.com](http://borgertproducts.com).*

Edge restraint detail provided based on application.

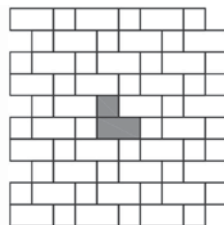
### LAYING PATTERNS



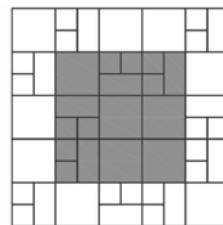
(A) 3 Piece  
7x7 - 10%  
7x14 - 45%  
14x14 - 45%  
Laying Ratio: 1:2:1



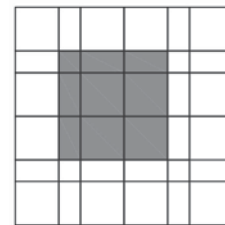
(B) 2 Piece  
7x7 - 20%  
14x14 - 80%  
Laying Ratio: 1:1



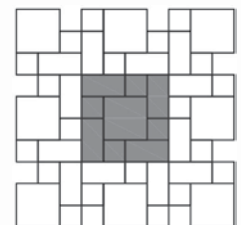
(C) 2 Piece  
7x7 - 34%  
7x14 - 66%  
Laying Ratio: 1:1



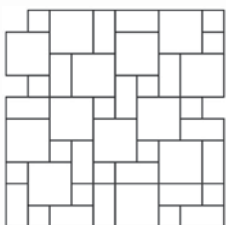
(D) 3 Piece  
7x7 - 22%  
7x14 - 22%  
14x14 - 56%  
Laying Ratio: 8:4:5



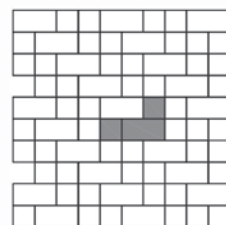
(E) 3 Piece  
7x7 - 3%  
7x14 - 32%  
14x14 - 64%  
Laying Ratio: 1:4:4



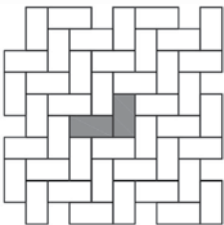
(F) 3 Piece  
7x7 - 25%  
7x14 - 50%  
14x14 - 25%  
Laying Ratio: 4:4:1



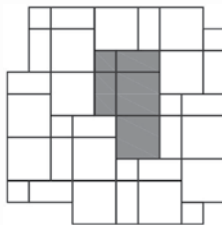
(G) 3 Piece Random  
7x7 - 14%  
7x14 - 29%  
14x14 - 57%  
Laying Ratio: 1:1:1



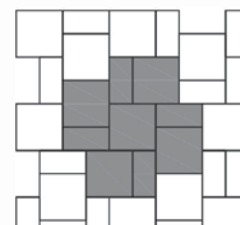
(H) 2 Piece  
7x7 - 50%  
7x14 - 50%  
Laying Ratio: 2:1



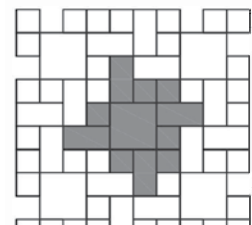
(I) 1 Piece  
7x14 - 100%



(J) 3 Piece  
7x7 - 8%  
7x14 - 31%  
14x14 - 61%  
Laying Ratio: 1:2:2



(K) 2 Piece  
7x14 - 29%  
14x14 - 71%  
Laying Ratio: 4:5



(L) 3 Piece  
7x7 - 33%  
7x14 - 45%  
14x14 - 22%  
Laying Ratio: 6:4:1