# STRASSEN® SERIES VAVEL STONE





## INTERLOCKING CONCRETE PAVEMENT SYSTEM (ICP)

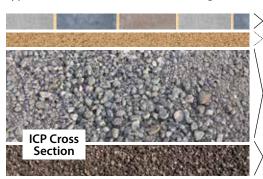
#### **DURABLE FLEXIBLE PAVEMENT SYSTEM**

STYLE	CODE	DIMENSIONS	BANDS	CUBES
Vavel Small Square 7" x 7"	4VA	178mm x 178mm x 70mm Approximate 7" x 7" x 2¾" (PSF = 2.94 stones @ 31.5#)	8.16 SF 265# (24 stones)	48.96 SF 1591# (6 bands)
Vavel Rectangle 7" x 14"	4VB	178mm x 356mm x 70mm Approximate 7" x 14" x 2¾" (PSF = 1.47 stones @ 31.5#)	21.76 SF 707# (32 stones)	65.28 SF 2122# (3 bands)
Vavel Large Square 14" x 14"	4VC	356mm x 356mm x 70mm Approximate 14" x 14" x 2¾" (PSF = .74 stones @ 31.5#)	21.76 SF 707# (16 stones)	65.28 SF 2122# (3 bands)

*Note: Use protective plate during compaction.* 

### **COMPOSITION & MANUFACTURE -**

#### **Typical Cross Section of Concrete Paving Stone**



Edge restraint detail provided based on application.

**Borgert Pavers** 

Bedding Sand 1" Thick (ASTM C33)

Compacted Aggregate Base Class 2 or Class 5

(Thickness depends on soil condition and application)

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

Compacted Soil Subgrade

- 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.



# STRASSEN® SERIES VAVEL STONE

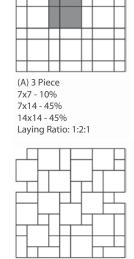




### **BENEFITS OF ICP** -

- 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

#### LAYING PATTERNS -



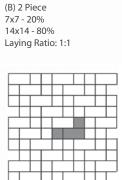
(G) 3 Piece Random

Laying Ratio: 1:1:1

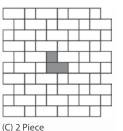
7x7 - 14%

7x14 - 29%

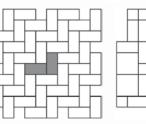
14x14 - 57%



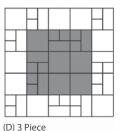




7x7 - 34% 7x14 - 66% Laying Ratio: 1:1

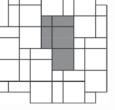


(I) 1 Piece 7x14 - 100%

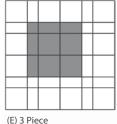


7x7 - 22% 7x14 - 22% 14x14 - 56% Laying Ratio: 8:4:5

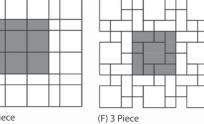




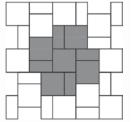
(J) 3 Piece 7x7 - 8% 7x14 - 31% 14x14 - 61% Laying Ratio: 1:2:2



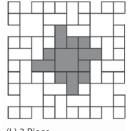
7x7 - 3% 7x14 - 32% 14x14 - 64% Laying Ratio: 1:4:4



7x7 - 25% 7x14 - 50% 14x14 - 25% Laying Ratio: 4:4:1



(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