
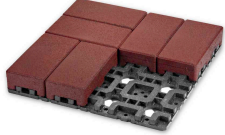
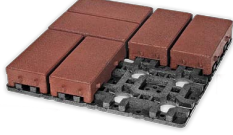





Specifications Overview											
 <b>VAST</b> VASTPAVERS.COM	 <b>4"x8" Composite Paver</b>		 <b>4"x8" Composite Permeable Paver</b>		 <b>3"x6" Composite Permeable Paver</b>		 <b>3"x6" Composite Paver</b>		 <b>3"x6" Composite Deck Paver</b>		
	<b>Material</b> VAST Composite Masonry Up to 95% recycled material including recycled scrap tire rubber and plastics.		<b>Material</b> VAST Composite Masonry Up to 95% recycled material including recycled scrap tire rubber and plastics.		<b>Material</b> VAST Composite Masonry Up to 95% recycled material including recycled scrap tire rubber and plastics.		<b>Material</b> VAST Composite Masonry Up to 95% recycled material including recycled scrap tire rubber and plastics.		<b>Material</b> VAST Composite Masonry Up to 95% recycled material including recycled scrap tire rubber and plastics.		
<b>Sizes (W x L x H)</b> Paver Grid Combined Height		4.0" x 8.0" x 1.98" 16.0" x 16.0" x 0.9" 2.38"		4" x 8" x 1.98" 16.0" x 16.0" x 0.9" 2.38"		2.8" x 5.8" x 2.5" 11.8" x 11.8" x 1.2" 3.0"		2.9" x 5.9" x 2.1" 11.8" x 11.8" x 0.9" 2.6"		2.9" x 5.9" x 1.1" 11.8" x 11.8" x 0.9" 1.6"	
<b>Each Unit</b> <b>Weight (per unit)</b> <b>Square Feet (per unit)</b>		8 Pavers, 1 Grid 16.0 lbs 1.78 sq-ft		8 Pavers, 1 Grid 14.6 lbs 1.78 sq-ft		8 Pavers, 1 Grid 11.0 lbs 0.97 sq-ft		8 Pavers, 1 Grid 9.8 lbs 0.97 sq-ft		8 Pavers, 1 Grid 6.4 lbs 0.97 sq-ft	
<b>Pallet Sizes</b> Quantity Weight		126 units (224 sq-ft) approx. 2,100 lbs		126 units (224 sq-ft) approx. 1,920 lbs		192 units (186 sq-ft) approx. 2,200 lbs		192 units (186 sq-ft) approx. 1,960 lbs		300 units (290 sq-ft) approx. 2,000 lbs	
<b>Standard Colors</b> <b>Special Order Colors</b>		Redwood, Boardwalk, Olive Village, Waterwheel		Redwood, Boardwalk, Olive Village, Waterwheel		Redwood, Boardwalk, Olive Village, Polo, Waterwheel		Redwood, Boardwalk, Olive Village, Polo, Waterwheel		Redwood, Boardwalk, Olive Village, Polo, Waterwheel	
<b>Test Data</b>											
Compressive Strength		ASTM C140-09 Section 7 Peak Comp. Strength: >2000 psi (Note: in "bound" configuration)				ASTM C140-03 Section 6 1" deflection at 937 psi (SD: 85 psi) (Note: in "bound" configuration)		Not Tested		Not Tested	
Flexural Strength		ASTM C140-09 Annex A6 Ult. Flex. Strength: 695 psi (SD: 35 psi) Flexural Modulus: 3842 psi (SD: 380 psi)				ASTM C140-03 Section 7 Ult. Flex. Strength: 434 psi (SD: 24 psi) Flexural Modulus: 1897 psi (SD: 191 psi)		Not Tested		Not Tested	
Coefficient of Friction		ASTM C1028-07 (Neolite pad) Dry <sub>(Static)</sub> : 0.99 Wet <sub>(Static)</sub> : 0.67  ASTM D2394-05e1 (leather sole) Dry <sub>(Static)</sub> : 0.57 Dry <sub>(Sliding)</sub> : 0.46 Wet <sub>(Static)</sub> : 0.94 Wet <sub>(Sliding)</sub> : 0.86				ASTM C1028-06 (Neolite pad) Dry <sub>(Static)</sub> : 0.83 (SD: 0.07) Wet <sub>(Static)</sub> : 0.62 (SD: 0.06)					
Coefficient of Thermal Expansion		44*10 <sup>-6</sup> at 68 degF									
Flame Spread Intermittent Flame Burning Brand		UL 94 Section 7 - Material Test Horizontal burning rate: 51 mm/min (2.0 in/min) Note: A chemical shall be considered a flammable solid if, when tested by the method described in 16 CFR 1500.44, it ignites and burns with a self-sustained flame at a rate greater than one-tenth of an inch per second (6.0 in/min) along its major axis. Testing via UL 94 Section 7. VAST has observed a flame spread rate that is roughly one-third the limit recognized by the Code of Federal Regulations.		Not Tested		ASTM E108-007 (tested at 1/2:12 slope) Spread of Flames: Class "C" Intermittent Flame: Class "C" Burning Brand: Class "C" (Note: Meets Class "C", results not certified)		Not Tested		ASTM E84-09 Flame Spread Index: 140 Smoke Developed Index: 800	
Xenon Arc Weathering		ASTM G155-05 (Cycle 1) 2,000+ hours (Please refer to the VAST weathering chart for color retention expectations).									
Chemical Resistance		No visual discoloration after 30 day exposure to household bleach or muriatic acid. No known discoloration due to exposure to road/deicing salt (sodium chloride), engine oil, grease, and common household cleaners.									
Cold Water Absorption		ASTM C67 Section 8 - Material Test PASS: <1% by mass, average saturation coefficient (after 1 hour boil): 0.05									
Freeze-Thaw Cycling		ASTM C67 Section 9 - Material Test PASS: freeze-thaw cycled 52 times over 75 days. No visual signs of cracking, warping or crazing.									
Infiltration Rate		Not Tested		3/8-" Fractured Face Joint Fill: >480 in/hr (>4.9 gal/hr) Open Area: 12%		With 3/8-" trap rock: >408 in/hr With concrete sand: 88 in/hr		Not Tested		Not Tested	

**Specifications Overview**



**4"x8" Composite  
Soldier Course Paver (Full)**



**4"x8" Composite  
Soldier Course Paver (Wedge)**



**4"x4" Composite  
Half Paver**

**Material**

VAST Composite Masonry  
Up to 95% recycled material including recycled scrap  
tire rubber and plastics.

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**Sizes (W x L x H)**

Paver  
Grid  
Installed Height (on grid)

4" x 4" x 1.48"  
Not Included  
2.38"

4" x 8" x 1.48" (4 degree angle)  
Not Included  
2.38"

4.0" x 4.0" x 1.98"  
Not Included  
2.38"

**Each Case**

**Weight (per case)**

24 Pavers  
32 lbs

24 Pavers  
32 lbs

36 Pavers  
25 lbs

**Pallet Sizes**

Quantity  
Weight

60 Cases  
approx. 2,000 lbs

60 Cases  
approx. 2,000 lbs

60 Cases  
approx. 1,580 lbs

**Standard Colors**

**Special Order Colors**

Redwood, Boardwalk, Olive  
Village, Waterwheel

Redwood, Boardwalk, Olive  
Village, Waterwheel

Redwood, Boardwalk, Olive  
Village, Waterwheel

**Compatible**

4"x8" Composite Pavers (16"x16" grids)  
4"x8" Composite Permeable Pavers (16"x16" grids)

✓  
✓

✓  
✓

✓  
X

**Soldier Course Design (radius)**

**Pattern: F = Full, W = Wedge**

20" to 26"  
26" to 30"  
30" to 34"  
34" to 42"  
42" to 62"  
62" to 102"  
102" to 122"  
122" to 128"  
Greater than 128"

Use all Wedges  
F W W W W  
F W W W  
F W W  
F W  
F F W  
F F F W  
F F F F W  
Use all Full