
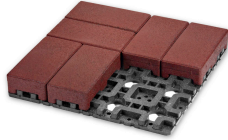

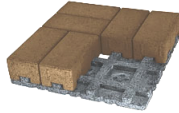
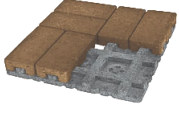


Specifications Overview				
				
	<p align="center"><b>4"x8" Composite Paver</b></p>	<p align="center"><b>3"x6" Composite Permeable Paver</b></p>	<p align="center"><b>3"x6" Composite Paver</b></p>	<p align="center"><b>3"x6" Composite Deck Paver</b></p>
<b>Material</b> <b>Sizes (W x L x H)</b> Paver Grid Combined Height <b>Each Unit</b> <b>Weight (per unit)</b> <b>Square Feet (per unit)</b> <b>Pallet Sizes</b> Quantity Weight <b>Standard Colors</b> <b>Special Order Colors</b> <b>Test Data</b>	VAST Composite Masonry Up to 95% recycled material including recycled scrap tire rubber and plastics.  4.0" x 8.0" x 1.98" 16.0" x 16.0" x 0.9" 2.38"  8 Pavers, 1 Grid 16.0 lbs 1.78 sq-ft  126 units (224 sq-ft) approx. 2,100 lbs  Redwood, Boardwalk, Olive Village, Waterwheel	VAST Composite Masonry Up to 95% recycled material including recycled scrap tire rubber and plastics.  2.8" x 5.8" x 2.5" 11.8" x 11.8" x 1.2" 3.0"  8 Pavers, 1 Grid 11.0 lbs 0.97 sq-ft  192 units (186 sq-ft) approx. 2,200 lbs  Redwood, Boardwalk, Olive Village, Polo, Waterwheel	VAST Composite Masonry Up to 95% recycled material including recycled scrap tire rubber and plastics.  2.9" x 5.9" x 2.1" 11.8" x 11.8" x 1.2" 2.6"  8 Pavers, 1 Grid 9.8 lbs 0.97 sq-ft  192 units (186 sq-ft) approx. 1,960 lbs  Redwood, Boardwalk, Olive Village, Polo, Waterwheel	VAST Composite Masonry Up to 95% recycled material including recycled scrap tire rubber and plastics.  2.9" x 5.9" x 1.1" 11.8" x 11.8" x 0.9" 1.6"  8 Pavers, 1 Grid 6.4 lbs 0.97 sq-ft  300 units (290 sq-ft) approx. 2,000 lbs  Redwood, Boardwalk, Olive Village, Polo, Waterwheel
Compressive Strength	ASTM C140-09 Section 7 Peak Comp. Strength: 2063 psi (SD: 126 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	With 3/8-" trap rock: >408 in/hr With concrete sand: 88 in/hr	Not Tested	Not Tested