




Specifications Overview



	 Permeable Composite Paver	 Composite Paver	 Composite Deck Paver
Applications			
Decking	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Stormwater Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Flat Roofs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Driveways	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Parking Lots	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Patios	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sidewalks	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Pool Areas	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Other Low Traffic Vehicle	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Material	75% to 95% recycled material including recycled scrap tire rubber and plastics.		
Sizes (W x L x H)			
Paver	2.8" x 5.8" x 2.5"	2.9" x 5.9" x 2.1"	2.9" x 5.9" x 1.1"
Grid	11.8" x 11.8" x 1.2"	11.8" x 11.8" x 0.9"	11.8" x 11.8" x 0.9"
Combined Height	3"	2.6"	1.6"
Weights (per sq-ft)	11.3 lbs	9.7 lbs	6.5 lbs
Pallet Sizes			
Quantity	192 sq-ft	192 sq-ft	300 sq-ft
Weight	approx. 2,200 lbs	approx. 1,900 lbs	approx. 1,900
Colors	Redwood, Boardwalk, Village, Polo, Waterwheel, Olive		
Laser Engraving	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Test Data			
Compressive Strength	ASTM C140 Section 6 1" deflection at 937 psi (in assembled configuration)		Not Tested
Flexural Strength	ASTM C140 Section 7 434 psi (avg flexural strength) 1897 psi (avg flexural modulus)		Not Tested
Coefficient of Friction	DryAVG: 0.83 (std dev: 0.07) WetAVG: 0.62 (std dev: 0.06) Note: OSHA recommends a minimum COF of 0.50, ADA recommends a minimum COF of 0.60 for flat surfaces.		
Flame Spread	UL 94 Section 7 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.		
Xenon Arc Weathering	ASTM G155 2,100+ hours of Xenon-arc testing with periodic water spray. Observed mild richening of color after 1,000 hours. No staining or cracking observed.		
Chemical Resistance	No significant discoloration or product degradation observed after one full season of in-field application of salt.		
Cold Water Absorption	ASTM C67 Section 8 <1% by mass, average saturation coefficient (after 1 hour boil): 0.05		
Freeze-Thaw Cycling	ASTM C67 Section 9 Product freeze-thaw cycled 52 times over 75 days. No visual signs of cracking, warping or crazing.		
Infiltration Rate	With 3/8-" trap rock: >408 in/hr With concrete sand: 88 in/hr	Not Tested	Not Tested