



LEED® Credits and Contributing Attributes	Pacific Interlock Products
Sustainable Sites	
SS Credit 5.1: Site Development: Protect or Restore Habitat	
1 Point	
<p>Option 1- Greenfield Sites <i>Limit all site disturbance to 40 feet beyond building perimeter; 10 feet beyond surface walkways and parking; 15 feet beyond primary roadway curbs; and 25 feet beyond constructed permeable surfaces that require additional staging areas.</i></p>	
<p>Pavers are unitized materials that do not require large equipment for placement, nor large staging areas.</p>	<p>Paving Stones</p>
<p>Paving stones are immediately usable after installation and may be used for their own self-contained staging as work progresses.</p>	
<p>Option 2- Previously Developed or Graded Sites <i>Restore or protect at least 50% of the site area (excluding building footprint) with native or adaptive vegetation.</i></p>	
<p>Turfstone pavers allow for grass growth within its open grid and are ideal for overflow parking and auxiliary access lanes.</p>	<p>Paving Stones</p>
SS Credit 6.1: Stormwater Design: Quantity Control	
1 Point	
<p>Case 1- Existing Imperviousness Is Less Than or Equal To 50% <i>Prevent the post-development peak discharge rate and quantity from exceeding the pre-development values for the one- and two- year 24-hour design storms.</i> OR <i>Protect receiving stream channels from excessive erosion by protection and quantity control strategies.</i></p> <p>Case 2- Existing Imperviousness Is Greater Than 50% <i>Achieve a 25% decrease in the volume of stormwater runoff from the two- year 24-hour design storm.</i></p>	
<p>Designs incorporating permeable interlocking concrete pavers (PICPs) can meet both requirements. The ICPI manual on permeable pavement notes that the long-term conservative pavement surface infiltration rate is approximately 3 in./hour (210 l/sec/ha). This rate will easily accommodate 2-year, 24-hour rainfall intensities given sufficient base storage and soil infiltration. Permeable interlocking concrete pavements can reduce runoff to zero for the most frequent storms.</p>	<p>Paving Stones</p>
SS Credit 6.2: Stormwater Design: Quality Control	
1 Point	
<p><i>Limit disruption and pollution of natural water flows by managing stormwater runoff.</i></p>	
<p>Since PICPs reduce runoff through infiltration, it has the ability to reduce TSS (total suspended solids) and TP. Several studies have demonstrated 80% reduction of TSS and at least 40% TP reduction. These studies compared reductions in pollutants from PICP to that from impervious pavements.</p>	<p>Paving Stones</p>
SS Credit 7.1: Heat-Island Effect: Non-Roof	
1 Point	
<p><i>Any combination of: shade (within 5 years); paving materials with minimum SRI of 29; open grid pavement system.</i></p>	
<p>Pacific Interlock Pavingstone has four standard paving stone colors with a Solar Reflectance Index (SRI) greater than 29: Tan (34), B11-Cream/Tan (43), and any Rustic or Canyon Rock paving stone in B3-Red/Tan (44), B4-Red/Tan/Charcoal (30).</p>	<p>Paving Stones</p>
<p>Turfstone is an open grid paver that allows turf growth, contributing to microclimate cooling, reducing air temperatures by 2 to 4 degrees F.</p>	



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Energy & Atmosphere	
EA Credit 1: Optimize Energy Performance 2-10 Points	
Use of paving stones with higher Solar Reflectance Index values may help to reduce energy requirements for lighting in parking areas.	Paving Stones
Materials & Resources	
MR Credit 2.1: Construction Waste Management: Divert 50% From Disposal 1 Point	
MR Credit 2.2: Construction Waste Management: Divert 75% From Disposal 1 Point in addition to MR Credit 2.1	
<i>Divert construction and demolition debris from disposal in landfills.</i>	
Pavers are completely recyclable when crushed and used as aggregates for base material or in other concrete products. These credits are attainable for either demolished concrete masonry structures, or the waste and scraps from new construction. Undamaged, unused new product delivered to the project may be diverted to and used in other projects.	Paving Stones
MR Credit 3.1: Materials Reuse: 5% 1 Point	
MR Credit 3.2: Materials Reuse: 10% 1 Point in addition to MR Credit 3.1	
<i>Reuse building materials in order to reduce demand for virgin materials.</i>	
Similar to MR Credit 2.1/2.2, paver products and scrap can be crushed for reuse as base, for example.	Paving Stones
MR Credit 5.1: Regional Materials: 10% Extracted, Processed, & Manufactured Regionally 1 Point	
MR Credit 5.2: Regional Materials: 20% Extracted, Processed, & Manufactured Regionally 1 Point in addition to MR Credit 5.1	
<i>Reduce impacts from transportation. Use building materials or products extracted, harvested or recovered, as well as manufactured, within 500 miles of the project.</i>	
100% of Pacific Interlock Pavingstone products are manufactured in Northern California. All raw materials for the products are extracted and/or produced well within 500 miles of our market area in Northern California.	Paving Stones
Innovation & Design Process	
ID Credit 1-1.4: Innovation in Design 1-4 Point	
<i>Points awarded for exceptional performance above the requirements established by LEED®, and /or innovative performance in Green Building categories not specifically addressed by LEED®.</i>	
Substantially exceed requirements for Regional Materials: 100% of Pacific Interlock Pavingstone products are manufactured in Northern California. All raw materials for the products are extracted and/or produced well within 500 miles of our market area in Northern California.	Paving Stones