

The Twist Bike Rack is a secure bike rack that can be used to accommodate alternative transportation. The corrosion-resistant aluminum is 100% recyclable and has a high recycled content. All powdercoat finishes are low- or no-VOC. The bike rack has a long life cycle, is low maintenance and easy to disassemble.

Recycled Content & Certifications

	Post-Industrial Recycled Content	Post-Consumer Recycled Content	Total Recycled Content	3 rd Party Certifications
Configurations Twist Bike Rack	70%	15%	85%	-

Green Building Standards

LEED® v3
<p><i>SS4: Alternative Transportation</i> – secure bike racks can accommodate alternative transportation.</p> <p><i>MR2: Construction Waste Management</i> – packaging is designed to be reusable or recyclable. See below for details.</p> <p><i>MR4: Recycled Content</i> – this product contains recycled material. Recycled content is shown above for all standard options.</p> <p><i>MR5: Regional Materials</i> – this product is manufactured in Pittsburgh, PA. Contact for extraction information.</p>
LEED v4
<p><i>LT6: Bicycle Facilities</i> – secure bike racks can accommodate alternative transportation.</p> <p><i>MRp2/MR5: Construction Waste Management</i> – packaging is designed to be reusable or recyclable. See below for details.</p> <p><i>MR3: Sourcing of Raw Materials (recycled content)</i> – this product contains recycled material. Recycled content is shown above for all standard options. (<i>regional materials</i>) – this product is manufactured in Pittsburgh, PA. Contact for extraction information.</p> <p><i>MR4: Material Ingredients</i> – this product has a Health Product Declaration. Contact for details.</p> <p><i>EQ2: Low-emitting Materials</i> – inherently non-emitting sources. Contact for details.</p>
Green Globes™
<p><i>3.3.10 Energy Efficient Transportation</i> – secure bike racks can accommodate alternative transportation</p> <p><i>3.5.4.1 Construction Waste</i> – packaging is designed to be reusable or recyclable. See below for details.</p> <p><i>3.5.6.3 Deconstruction and Disassembly</i> – this product can be disassembled to separate recyclable components</p> <p><i>3.7.2.1 Volatile Organic Compounds</i> - inherently non-emitting sources. Contact for details.</p>
Estidama Pearl Rating System: Design & Construction, Version 1.0
<p><i>LBo-7: Bicycle Facilities</i> – secure bike racks can accommodate alternative transportation</p> <p><i>SM-R1: Hazardous Material Elimination</i> – product contains no ACMs and no CCA-treated timber</p> <p><i>SM-R2/SM-13: Construction Waste Management</i> - packaging is designed to be reusable or recyclable. See below for details.</p> <p><i>SM-4: Design for Disassembly</i> - this product can be disassembled to separate recyclable components</p> <p><i>SM-10: Recycled Materials</i> - this product contains recycled material. Recycled content is shown above for all standard options.</p>
SITES v2 Rating System
<p><i>Materials C5.3: Design for adaptability and disassembly</i> - this product can be disassembled to separate recyclable components</p> <p><i>Materials C5.5: Use recycled content materials</i> - this product contains recycled material. Recycled content is shown above for all standard options.</p> <p><i>Materials C5.6: Use regional materials</i> - this product is manufactured in Pittsburgh, PA. Contact for extraction information.</p> <p><i>HHWB C6.5: Support physical activity</i> - secure bike racks can be used to support physical activity</p> <p><i>HHWB C6.9: Encourage fuel efficient and multi-modal transportation</i> - secure bike racks can accommodate alternative transportation</p> <p><i>Construction C7.5: Divert construction and demolition materials from disposal</i> - packaging is designed to be reusable or recyclable. See below for details.</p>

Product Materials

Material	Description	Maintenance (0-5)*	Inherent Value (0-5)**	Biodegradable	Corrosion/Weather Resistant	Rapidly Renewable	Recyclable	Scratch Resistant
Aluminum	Corrosion-resistant metal that is suitable for many fabrication methods.	3	3		x		x	
*Maintenance ratings are assigned as follows: 0 – High level of maintenance required to keep up product performance and aesthetics; 5 – Absolutely no maintenance required to keep up product’s visual appearance and performance characteristics;								
**Inherent value ratings are assigned based on the material’s scrap value: 0 – No scrap value, or negative scrap value, and/or no scrap market; 5 – High scrap value, accompanied by robust scrap market								

Processes

Process	Description
Aluminum Making	A two-step process by which the aluminum is first dissolved in a caustic bath and then precipitated out in crystals. This two-step process can be circumvented by using recycled scrap that is melted down to form new parts.
Casting	The process of creating a solid object by pouring molten metal into a mold and allowing it to cool.
Cutting	A variety of methods may be used to cut through various materials.
Powdercoating	A solvent-free finishing method in which electrically charged particles of pigmented resins are sprayed onto a product. Electrical grounding of the coated object causes the charged powder to adhere to the surface. When baked in a curing oven the deposited powder melts and fuses together to form a durable, cross-linked coating
Sand Blasting	The process of smoothing, shaping and cleaning a hard surface by forcing solid particles across that surface at high speeds to provide an even finish.

Packaging Materials

Material	Type	Description	Disposal
Cardboard	Box	Small or light products products are packaged in cardboard boxes. Reused for shipping.	Reuse/Recycle
Foam	Sheets	Micro foam sheets are used to protect the finish on products.	Reuse
Plastic	Band	Banding is used to keep products secured to a pallet during transport.	Recycle
Plastic	Shrink wrap	Shrink wrap is used to protect the finish on products and also to hold padding to products.	Recycle
Steel	Band	Banding is used to keep products secured to a pallet during transport.	Recycle
Wood	Pallet	Wood pallets are purchased for use in shipping. Pallets are reused onsite until no longer serviceable, at which point they are recycled.	Reuse/Recycle

Transport

Method	Type	Description
Boat	Overseas	Some product components are shipped by cargo ship from overseas
Ground	Truck/Rail	Some incoming shipments and almost all outgoing shipments to customers are sent via ground transportation. This can include truck and often rail transport depending on the final destination.

Maintenance & Use

Maintenance or Use	Description	Chemicals Required
Alternative Transportation	Secure bike racks can accommodate alternative transportation	N/A
Clean with Water and Mild Cleaner	This product requires a damp cloth and a mild, nontoxic cleaner for maintenance.	Mild, water-based cleaner

Disposal

Method	Description
Disassemble	Product can be disassembled to separate recyclable components
Recyclable - Fully	All product components can be recycled
Recycling - Scrap	Materials can be sold for scrap
Reuse	This item can be reused in the same or different function

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