

The Capitol Bike Rack is a secure bike rack that can be used to accommodate alternative transportation. The corrosion-resistant aluminum and stainless steel are 100% recyclable and have 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

| Configurations | Post-Industrial Recycled Content | Post-Consumer Recycled Content | Total Recycled Content | 3 rd Party Certifications |
|-------------------|----------------------------------|--------------------------------|------------------------|--------------------------------------|
| Capitol Bike Rack | 70% | 13% | 83% | - |

Green Building Standards

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| <p>LEED® v3</p> <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. Contact for further information.</p> <p><i>MR5: Regional Materials</i> – this product is manufactured in Pittsburgh, PA. Contact for extraction information.</p> |
| <p>LEED v4</p> <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. Contact for details.</p> <p><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> |
| <p>Green Globes™</p> <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> |
| <p>Estidama Pearl Rating System: Design & Construction, Version 1.0</p> <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. Contact for details.</p> |
| <p>SITES v2 Rating System</p> <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. Contact for details.</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/Wear Resistant | Rapidly Renewable | Recyclable | Scratch Resistant |
|-----------------|---|--------------------|------------------------|---------------|--------------------------|-------------------|------------|-------------------|
| Aluminum | Corrosion-resistant metal that is suitable for many fabrication methods. | 3 | 3 | | x | | x | |
| Stainless Steel | Steel that is alloyed with chromium and other metals to improve corrosion-resistance. | 3 | 4 | | 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. |
| Steel Making | Steel and stainless steel are made in one of two types of furnace: a Basic Oxygen Furnace (BOF) or an Electric Arc Furnace (EAF). A BOF is used to make steel from iron ore or from scrap steel; an EAF is used primarily to reprocess scrap steel. |
| Welding | A process that joins two similar metals by causing coalescence. Usually accomplished by melting the work pieces and adding a filler material to form a pool of molten metal that cools to become a strong joint. |

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. We are an EPA SmartWay® Transport Partner. |

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 |

Forms+Surfaces is dedicated to environmental responsibility. We maintain an Environmental Management System and are continually working to improve our impact through efficiency, material selection, vendor education, employee involvement, and an unwavering commitment to being exemplary corporate citizens. If you would like additional information on our Environmental Management System or if you don't see the information you need for your project on this page, please contact our Sustainability Team at green@forms-surfaces.com.