

Bevel Litter Receptacle is constructed of TENSL ultra high performance concrete (UHPC) and either powdercoated aluminum or FSC® Cumaru slats. TENSL UHPC provides exceptional strength and durability and is composed primarily of natural materials. The receptacle has an extremely long service life requiring minimal maintenance. Resource efficient, low energy TENSL manufacturing processes are located in the USA and utilize raw materials local to manufacturing. Bevel Litter Receptacle components can be disassembled at the end of life and are recyclable.

Recycled Content & Certifications

Configurations	Post-Industrial Recycled Content	Post-Consumer Recycled Content	Total Recycled Content	3 rd Party Certifications
Bevel Litter Receptacle with Aluminum	contact	contact	contact	-
Bevel Litter Receptacle with FSC 100% Cumaru	contact	contact	contact	FSC 100%

FSC License Code: FSC-C004453

Green Building Standards

<p>LEED® v3</p> <p><i>MRp2: Storage & Collection of Recyclables</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.</p> <p><i>MR2: Construction Waste Management</i> – packaging is designed to be reusable or recyclable. Contact for details.</p> <p><i>MR4: Recycled Content</i> – this product may contain recycled materials. Contact for additional information.</p> <p><i>MR5: Regional Materials</i> – this product is manufactured in Pittsburgh, PA. Contact for details.</p> <p><i>MR7: Certified Wood</i> - wood used in this product is certified by the Forest Stewardship Council (SCS-COC-001461).</p>
<p>LEED v4</p> <p><i>MRp1: Storage & Collection of Recyclables</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.</p> <p><i>MRp2/MR5: Construction Waste Management</i> – packaging is designed to be reusable or recyclable. Contact for details.</p> <p><i>MR3: Sourcing of Raw Materials - (wood)</i> – wood used in this product is certified by the Forest Stewardship Council (SCS-COC-001461). <i>(recycled content)</i> – this product may contain recycled material. Contact for additional information. <i>(regional materials)</i> – this product is manufactured in Pittsburgh, PA. Contact for details.</p>
<p>Green Globes™</p> <p><i>3.5.2.2 Interior Fit-Outs</i> - wood used in this product is certified by the Forest Stewardship Council (SCS-COC-001461).</p> <p><i>3.5.4.1 Construction Waste</i> – packaging is designed to be reusable or recyclable. Contact for details.</p> <p><i>3.5.4.2 Operational Waste</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.</p> <p><i>3.5.6.3 Deconstruction and Disassembly</i> – this product can be disassembled to separate recyclable components</p>
<p>Estidama Pearl Rating System: Design & Construction, Version 1.0</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. Contact for details.</p> <p><i>SM-R3/SM-14: Operational Waste Management</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.</p> <p><i>SM-10: Recycled Materials</i> - this product may contain recycled materials. Contact for additional information.</p>
<p>WELL Building Standard</p> <p><i>Air – 11. Fundamental material safety</i> – this product does not contain asbestos, lead or mercury. Please contact for details.</p> <p><i>Air – 25. Toxic material reduction</i> – this product does not contain PFCs, halogenated flame retardants, phthalates, isocyanate-based polyurethane or urea-formaldehyde. Please contact for details.</p> <p><i>Air – 28. Cleanable Environment</i> – some materials are corrosion-resistant and easily sanitized to maintain cleanliness. Contact for details.</p>

Green Building Standards Continued

SITES v2 Rating System
<i>Materials P5.1: Wood from threatened tree species</i> - wood used in this product is certified by the Forest Stewardship Council (SCS-COC-001461).
<i>Materials C5.3: Design for adaptability and disassembly</i> - this product can be disassembled to separate recyclable components.
<i>Materials C5.5: Use recycled content materials</i> - this product may contain recycled material. Contact for additional information.
<i>Materials C5.6: Use regional materials</i> - this product is manufactured in Pittsburgh, PA. Contact for details.
<i>Materials C5.7: Responsible extraction of raw materials</i> - wood used in this product is certified by the Forest Stewardship Council (SCS-COC-001461).
<i>Construction C7.5: Divert construction and demolition materials from disposal</i> - packaging is designed to be reusable or recyclable. See below for details.
<i>O+M P8.2: Storage and collection of recyclables</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.
<i>O+M P8.3: Recycle organic matter</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.

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	
Polyethylene	Thermoplastic, petroleum-based polymer, used for a broad range of molded and extruded products.	4	0		x		x	
Wood - FSC 100% Cumaru	Tropical hardwood prized for its insect-resistance, rot-resistance, beauty, and strength. Responsibly sourced from forests certified by the Forest Stewardship Council.	3	1	x				
TENSL UHPC	Densely packed concrete matrix with strong chemical bonds and low water absorption yielding extremely high compressive, tensile and flexural strength. Exhibits a ceramic-like surface with integral pigment that stands up to water, salt and corrosive environmental contaminants.	5	1		x		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.
Aluminum Treatment	Aluminum receives a treatment to improve corrosion resistance and coating adhesion.
Casting	The process of creating a solid object by pouring molten metal into a mold and allowing it to cool.
Concrete Casting	Process of mixing concrete, filling molds, and curing the material in ambient or moderately climate-controlled environment.
Concrete Mold Making	Process of constructing reusable molds for forming concrete from a variety of materials, including wood, metal, and composites.
Plastics Manufacture	Plastic is the common term for a wide range of synthetic or semi-synthetic organic solid materials used in industrial applications. Plastics are typically polymers of high molecular weight, and may contain other substances to improve performance or reduce costs.
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.

Processes Continued

Process	Description
Wood Finishing	Wood is cut and sanded smooth. Finishes are applied to adjust the wood's color, enhance its appearance or to protect it from staining or weathering.
Wood Processing	Wood milled from trees and turned into lumber.

Packaging Materials

Material	Type	Description	Disposal
Cardboard	Box	Small or light 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	Used in shipping. Reused onsite until no longer serviceable, then 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
Clean with Water and Mild Cleaner	This product requires a damp cloth and a mild, nontoxic cleaner for maintenance.	Mild, water-based cleaner
Ergonomic	Product is designed for ergonomic use, which will contribute to service life.	N/A
Recycling	Receptacle is designed to maximize recycling rates through design, graphics, and signage placement.	N/A
Wood Finishing	Wood in this product can be allowed to weather, but must be refinished with wood oil to retain the original look.	Wood Oil

Disposal

Method	Description
Disassemble	Product can be disassembled to separate recyclable components.
Recyclable	Receptacle components are recyclable. Local recycling options for Cumaru may vary.
Recycling - Scrap	Aluminum components can be sold for scrap.
Reuse	This item can be reused in the same or different function.

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