

Bevel Bench is constructed of TENSL ultra high performance concrete (UHPC) which provides exceptional strength and durability and is composed primarily of natural materials. Resource efficient, low energy TENSL manufacturing processes are located in the USA and utilize raw materials local to manufacturing. Bevel Bench requires minimal maintenance and components can be disassembled at the end of life and are fully recyclable.

**Recycled Content & Certifications**

Configurations	Pre-Consumer Recycled Content	Post-Consumer Recycled Content	Total Recycled Content	3 <sup>rd</sup> Party Certifications
Bevel Bench	0%	0%	0%	-

**Green Building Standards**

<p><b>LEED® v3</b></p> <p><i>MR2: Construction Waste Management</i> – packaging is designed to be reusable or recyclable. Contact for details.</p> <p><i>MR5: Regional Materials</i> – this product is manufactured in Pittsburgh, PA. Contact for extraction information.</p> <p><i>IEQp2: Environmental Tobacco</i> - this product may be used to help designate a smoking area away from doors, windows, and ventilation inlets.</p>
<p><b>LEED v4</b></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 (regional materials)</i> – this product is manufactured in Pittsburgh, PA. Contact for extraction information.</p> <p><i>EQp2: Environmental tobacco smoke control</i> - this product may be used to help designate a smoking area away from doors, windows, &amp; ventilation inlets.</p>
<p><b>Green Globes™</b></p> <p><i>3.5.4.1 Construction Waste</i> – packaging is designed to be reusable or recyclable. Contact for details.</p> <p><i>3.5.6.3 Deconstruction and Disassembly</i> – this product can be disassembled to separate recyclable components</p> <p><i>3.7.2.9 Other Indoor Pollutants (Tobacco...)</i> - this product may be used to help designate a smoking area away from doors, windows, &amp; ventilation inlets.</p>
<p><b>Estidama Pearl Rating System: Design &amp; Construction, Version 1.0</b></p> <p><i>LBI-R2: Smoking Control</i> - this product may be used to help designate a smoking area away from doors, windows, and ventilation inlets.</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><b>SITES v2 Rating System</b></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 C5.6: Use regional materials</i> - this product is manufactured in Pittsburgh, PA. Contact for extraction information.</p> <p><i>HHWB C6.10: Minimize exposure to environmental tobacco smoke (ETS)</i> - this product may be used to help designate a smoking area away from doors, windows, and ventilation inlets.</p> <p><i>Construction C7.5: Divert construction and demolition materials from disposal</i> - packaging is designed to be reusable or recyclable. Contact for details.</p>
<p><b>WELL Building Standard</b></p> <p><i>Air – 11: Fundamental material safety</i> – please contact for details.</p> <p><i>Air – 25: Toxic material reduction</i> – please contact for details.</p> <p><i>Fitness – 67: Exterior active design</i> – this product can help support occupant activity.</p>

**Product Materials**

Material	Description	Maintenance (0-5)*	Inherent Value (0-5)**	Biodegradable	Corrosion/Wear Resistant	Rapidly Renewable	Recyclable	Scratch Resistant
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
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
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.
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.

**Transport**

Method	Type	Description
Boat	Overseas	Some product components may be 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
Tobacco Smoke Control	This product may be used to help designate a smoking area away from doors, windows, and ventilation inlets.	N/A

**Disposal**

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

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