

Miter Planter is constructed of TENSU ultra high performance concrete (UHPC) with stainless steel corner details. TENSU UHPC provides exceptional strength and durability and is composed primarily of natural materials. The planter has an extremely long service life requiring minimal maintenance. Resource efficient, low energy TENSU manufacturing processes are located in the USA and utilize raw materials local to manufacturing. Components can be disassembled at the end of life and are fully recyclable.

**Recycled Content & Certifications**

Configurations	Post-Industrial Recycled Content	Post-Consumer Recycled Content	Total Recycled Content	3 <sup>rd</sup> Party Certifications
Miter Planter	contact	contact	contact	-

**Green Building Standards**

<b>LEED® v3</b>
<i>MR2: Construction Waste Management</i> – packaging is designed to be reusable or recyclable. Contact for details.
<i>MR4: Recycled Content</i> – this product may contain recycled material. Contact for additional information.
<i>MR5: Regional Materials</i> – this product is manufactured in Pittsburgh, PA. Contact for extraction information.
<b>LEED v4</b>
<i>MRp2/MR5: Construction Waste Management</i> – packaging is designed to be reusable or recyclable. Contact for details.
<i>MR3: Sourcing of Raw Materials (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 extraction information.
<i>EQ2: Low-emitting Materials</i> – inherently non-emitting sources. Contact for details.
<b>Green Globes™</b>
<i>3.5.4.1 Construction Waste</i> – packaging is designed to be reusable or recyclable. Contact for details.
<i>3.5.6.3 Deconstruction and Disassembly</i> – this product can be disassembled to separate recyclable components
<i>3.7.2.1 Volatile Organic Compounds</i> - inherently non-emitting sources. Contact for details.
<b>Estidama Pearl Rating System: Design &amp; Construction, Version 1.0</b>
<i>LBI-2.5: Material Emissions: Formaldehyde Reduction</i> – inherently non-emitting sources. Contact for details.
<i>SM-R1: Hazardous Material Elimination</i> – product contains no ACMs and no CCA-treated timber
<i>SM-R2/SM-13: Construction Waste Management</i> - packaging is designed to be reusable or recyclable. Contact for details.
<i>SM-10: Recycled Materials</i> - this product may contain recycled material. Contact for additional information.
<b>SITES v2 Rating System</b>
<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 extraction information.
<i>Construction C7.5: Divert construction and demolition materials from disposal</i> - packaging is designed to be reusable or recyclable. Contact for details.

**Product Materials**

Material	Description	Maintenance (0-5)*	Inherent Value (0-5)**	Biodegradable	Corrosion/Wear Resistant	Rapidly Renewable	Recyclable	Scratch Resistant
Polyethylene	Thermoplastic, petroleum-based polymer, used for a broad range of molded and extruded products.	4	0		x		x	
Stainless Steel	Steel that is alloyed with chromium and other metals to improve corrosion-resistance.	3	4		x		x	

**Product Materials continued**

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
*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.
Cutting	A variety of methods may be used to cut through various materials.
Metal Finishing	Applied using grinding/sanding or polishing wheels. Finishing produces a grained/brushed or mirror-like finish on the surface, and depending on the material will increase corrosion resistance.
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.
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
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

**Disposal**

Method	Description
Disassemble	Product can be disassembled to separate recyclable components.
Recyclable - Fully	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.

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](mailto:green@forms-surfaces.com).