

Orbit Litter & Recycling Receptacles are ergonomic, low maintenance and easy to disassemble. Stainless steel and recycled rubber contain high recycled content. All materials are recyclable. Receptacles can be customized to fit local waste and recycling streams.

**Recycled Content & Certifications**

Configurations	Post-Industrial Recycled Content	Post-Consumer Recycled Content	Total Recycled Content	3 <sup>rd</sup> Party Certifications
Orbit Receptacle, single-stream, (1) 30-gallon liner, Stainless Steel Diamond, Sandstone, Seastone or Linen main panel, Stainless Steel Diamond, Sandstone, Seastone or Linen accent panel	22%	52%	74%	-
Orbit Receptacle, single-stream, (1) 30-gallon liner, Stainless Steel Diamond, Sandstone, Seastone or Linen main panel, Stainless Steel Satin accent panel	35%	37%	72%	-
Orbit Receptacle, single-stream, (1) 30-gallon liner, Stainless Steel Satin main panel, Stainless Steel Diamond, Sandstone, Seastone or Linen accent panel	44%	26%	70%	-
Orbit Receptacle, single-stream, (1) 30-gallon liner, Stainless Steel Satin main panel, Stainless Steel Satin accent panel	57%	11%	68%	-
Orbit Receptacle, split-stream, (2) 13-gallon liners, Stainless Steel Diamond, Sandstone, Seastone or Linen main panel, Stainless Steel Diamond, Sandstone, Seastone or Linen accent panel	21%	50%	71%	-
Orbit Receptacle, split-stream, (2) 13-gallon liners, Stainless Steel Diamond, Sandstone, Seastone or Linen main panel, Stainless Steel Satin accent panel	33%	36%	69%	-
Orbit Receptacle, split-stream, (2) 13-gallon liners, Stainless Steel Satin main panel, Stainless Steel Diamond, Sandstone, Seastone or Linen accent panel	41%	26%	67%	-
Orbit Receptacle, split-stream, (2) 13-gallon liners, Stainless Steel Satin main panel, Stainless Steel Satin accent panel	54%	11%	65%	-

**Green Building Standards**

<b>LEED® v3</b>
<i>MRp2: Storage &amp; Collection of Recyclables</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.
<i>MR2: Construction Waste Management</i> – packaging is designed to be reusable or recyclable. See below for details.
<i>MR4: Recycled Content</i> – this product contains recycled material. Recycled content is shown above for all standard options.
<i>MR5: Regional Materials</i> – this product is manufactured in Pittsburgh, PA. Contact for details.
<b>LEED v4</b>
<i>MRp1: Storage &amp; Collection of Recyclables</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.
<i>MRp2/MR5: Construction Waste Management</i> – packaging is designed to be reusable or recyclable. See below for details.
<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 details.
<b>Green Globes™</b>
<i>3.5.4.1 Construction Waste</i> – packaging is designed to be reusable or recyclable. See below for details.
<i>3.5.4.2 Operational Waste</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.
<i>3.5.6.3 Deconstruction and Disassembly</i> – this product can be disassembled to separate recyclable components.
<b>Estidama Pearl Rating System: Design &amp; Construction, Version 1.0</b>
<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. See below for details.
<i>SM-R3/SM-14: Operational Waste Management</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.
<i>SM-10: Recycled Materials</i> - this product contains recycled material. Recycled content is shown above for all standard options.

**Green Building Standards (continued)**

<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 C5.5: 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>Construction C7.5: Divert construction and demolition materials from disposal</i> - packaging is designed to be reusable or recyclable. See below for details.</p> <p><i>O+M P8.2: Storage and collection of recyclables</i>- litter &amp; recycling receptacles can be customized to fit local waste &amp; recycling streams.</p> <p><i>O+M P8.3: Recycle organic matter</i>- litter &amp; recycling receptacles can be customized to fit local waste &amp; recycling streams.</p>
<p><b>WELL Building Standard</b></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>

**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	
Polycarbonate	Thermoplastic, petroleum-based polymer often used as a substitute for glass because of its high-impact strength, temperature-resistance and optical qualities.	4	0		x		x	
Polyethylene	Thermoplastic, petroleum-based polymer, used for a broad range of molded and extruded products.	4	0		x		x	
Recycled Rubber	Synthetic rubber copolymer and natural rubber blend. Has good abrasion resistance and aging stability.	5	0		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
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.
Calendaring	Metalworking process in which sheet metal is rolled out at room temperature, changing the molecular structure to make it harder and more resistant to scratching.
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.
Digital UV Printing	A printing method in which a digital based image is printed directly to a variety of media with ultraviolet ink.
Eco-Etch	Physical etching process in which an artwork mask is applied to a metal surface that is then bead-blasted. Unmasked areas become more matte, whereas masked areas retain their original look. Beads are recycled within the process until the particles become too small to use.
Forming	A mechanical process used to alter the shape of metal.
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.

**Processes (continued)**

Multi-Ion Vapor Deposition (Fusing)	Using a vacuum chamber, a thin layer of titanium is chemically fused to the surface of a stainless steel substrate. By changing vacuum gas composition, temperature, and pressure, the titanium can be made take on different decorative colors as it bonds with the stainless steel.
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
Recycled Rubber Manufacture	Pre-ground tires are formed using a mold and heat compaction. A binder is used to hold the shape.
Sand Blasting	The process of smoothing, shaping and cleaning a hard surface by forcing solid particles across that surface at high speeds to provides 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 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
Recycling	Receptacle is designed to maximize recycling rates through design, graphics, and signage placement.	NA

**Disposal**

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

**SUMMARY – single-stream**

Category Type	Property/Component	SST HD main panel, SST HD accent panel	SST HD main panel, SST Satin accent panel	SST Satin main panel, SST HD accent panel	SST Satin main panel, SST Satin accent panel
Basic	Post-Industrial Recycled Content	22%	35%	44%	57%
Basic	Post-Consumer Recycled Content	52%	37%	26%	11%
Basic	Total Recycled Content	74%	72%	70%	68%
LEED v3	MR: Collection of Recyclables	x	x	x	x
LEED v3	MR: Construction Waste Mgmt	x	x	x	x
LEED v3	MR: Recycled Content	x	x	x	x
LEED v3	MR: Regional Materials	Contact	Contact	Contact	Contact
LEED v4	MR: Collection of Recyclables	x	x	x	x
LEED v4	MR: Construction Waste Mgmt	x	x	x	x
LEED v4	MR: Sourcing Raw...recycled	x	x	x	x
LEED v4	MR: Sourcing Raw...regional	Contact	Contact	Contact	Contact
LEED v4	MR: Material Ingredients	Contact	Contact	Contact	Contact
Green Globes	3.5.4.1 Construction Waste	x	x	x	x
Green Globes	3.5.4.2 Operational Waste	x	x	x	x
Green Globes	3.5.6.3 Disassembly	x	x	x	x
ESTIDAMA	SM: Hazardous Matl Elimination	x	x	x	x
ESTIDAMA	SM: Construction Waste	x	x	x	x
ESTIDAMA	SM: Operational Waste	x	x	x	x
ESTIDAMA	SM: Recycled Materials	x	x	x	x
SITES	Materials: Disassembly	x	x	x	x
SITES	Materials: Recycled content	x	x		
SITES	Materials: Regional materials	Contact	Contact	Contact	Contact
SITES	Construction: Divert materials	x	x	x	x
SITES	O+M: Collection of recyclables	x	x	x	x
SITES	O+M: Recycle organic matter	x	x	x	x
WELL	Air: Material safety	Contact	Contact	Contact	Contact
WELL	Air: Toxic material reduction	Contact	Contact	Contact	Contact
Materials	Aluminum	x	x	x	x
Materials	Polycarbonate	x	x	x	x
Materials	Polyethylene	x	x	x	x
Materials	Recycled Rubber	x	x	x	x
Materials	Stainless Steel	x	x	x	x
Processes	Aluminum Making	x	x	x	x
Processes	Aluminum Treatment	x	x	x	x
Processes	Calendaring	x	x	x	

**SUMMARY – single-stream (continued)**

Processes	Casting	x	x	x	x
Processes	Cutting	x	x	x	x
Processes	Digital UV Printing	x	x	x	x
Processes	Eco-Etch	Contact	Contact	Contact	Contact
Processes	Forming	x	x	x	x
Processes	Metal Finishing		x		x
Processes	Plastics Manufacture	x	x	x	x
Processes	Powdercoating	x	x	x	x
Processes	Recycled Rubber Manufacture	x	x	x	x
Processes	Sand Blasting	x	x	x	x
Processes	Steel Making	x	x	x	x
Processes	Welding	x	x	x	x
Packaging	Cardboard Box	x	x	x	x
Packaging	Foam Sheets	x	x	x	x
Packaging	Plastic Band	x	x	x	x
Packaging	Plastic Shrink Wrap	x	x	x	x
Packaging	Steel Band	x	x	x	x
Packaging	Wood Pallet	x	x	x	x
Transport	Boat - Overseas	x	x	x	x
Transport	Ground – Truck/Rail	x	x	x	x
Maint. & Use	Clean w/ Water & Mild Cleaner	x	x	x	x
Maint. & Use	Ergonomic	x	x	x	x
Maint. & Use	Recycling	x	x	x	x
Disposal	Disassemble	x	x	x	x
Disposal	Recyclable - Fully	x	x	x	x
Disposal	Recycling - Scrap	x	x	x	x
Disposal	Reuse	x	x	x	x

**SUMMARY – split-stream**

Category Type	Property/Component	SST HD main panel, SST HD accent panel	SST HD main panel, SST Satin accent panel	SST Satin main panel, SST HD accent panel	SST Satin main panel, SST Satin accent panel
Basic	Post-Industrial Recycled Content	21%	33%	41%	54%
Basic	Post-Consumer Recycled Content	50%	36%	26%	11%
Basic	Total Recycled Content	71%	69%	67%	65%
LEED v3	MR: Collection of Recyclables	x	x	x	x
LEED v3	MR: Construction Waste Mgmt	x	x	x	x
LEED v3	MR: Recycled Content	x	x	x	x
LEED v3	MR: Regional Materials	Contact	Contact	Contact	Contact
LEED v4	MR: Collection of Recyclables	x	x	x	x
LEED v4	MR: Construction Waste Mgmt	x	x	x	x

**SUMMARY – split-stream continued**

LEED v4	MR: Sourcing Raw...recycled	x	x	x	x
LEED v4	MR: Sourcing Raw...regional	Contact	Contact	Contact	Contact
LEED v4	MR: Material Ingredients	Contact	Contact	Contact	Contact
Green Globes	3.5.4.1 Construction Waste	x	x	x	x
Green Globes	3.5.4.2 Operational Waste	x	x	x	x
Green Globes	3.5.6.3 Disassembly	x	x	x	x
Green Globes	3.7.2.1 VOCs	Contact	Contact	Contact	Contact
ESTIDAMA	SM: Hazardous Matl Elimination	x	x	x	x
ESTIDAMA	SM: Construction Waste	x	x	x	x
ESTIDAMA	SM: Operational Waste	x	x	x	x
ESTIDAMA	SM: Recycled Materials	x	x	x	x
SITES	Materials: Disassembly	x	x	x	x
SITES	Materials: Recycled content	x	x		
SITES	Materials: Regional materials	Contact	Contact	Contact	Contact
SITES	Construction: Divert materials	x	x	x	x
SITES	O+M: Collection of recyclables	x	x	x	x
SITES	O+M: Recycle organic matter	x	x	x	x
WELL	Air: Material safety	Contact	Contact	Contact	Contact
WELL	Air: Toxic material reduction	Contact	Contact	Contact	Contact
Materials	Aluminum	x	x	x	x
Materials	Polycarbonate	x	x	x	x
Materials	Polyethylene	x	x	x	x
Materials	Recycled Rubber	x	x	x	x
Materials	Stainless Steel	x	x	x	x
Processes	Aluminum Making	x	x	x	x
Processes	Aluminum Treatment	x	x	x	x
Processes	Calendaring	x	x	x	
Processes	Casting	x	x	x	x
Processes	Cutting	x	x	x	x
Processes	Digital UV Printing	x	x	x	x
Processes	Eco-Etch	Contact	Contact	Contact	Contact
Processes	Forming	x	x	x	x
Processes	Metal Finishing		x		x
Processes	Plastics Manufacture	x	x	x	x
Processes	Powdercoating	x	x	x	x
Processes	Recycled Rubber Manufacture	x	x	x	x
Processes	Sand Blasting	x	x	x	x
Processes	Steel Making	x	x	x	x
Processes	Welding	x	x	x	x
Packaging	Cardboard Box	x	x	x	x
Packaging	Foam Sheets	x	x	x	x
Packaging	Plastic Band	x	x	x	x
Packaging	Plastic Shrink Wrap	x	x	x	x
Packaging	Steel Band	x	x	x	x

**SUMMARY – split-stream continued**

Category Type	Property/Component	SST HD main panel, SST HD accent panel	SST HD main panel, SST Satin accent panel	SST Satin main panel, SST HD accent panel	SST Satin main panel, SST Satin accent panel
Packaging	Wood Pallet	x	x	x	x
Transport	Boat - Overseas	x	x	x	x
Transport	Ground – Truck/Rail	x	x	x	x
Maint. & Use	Clean w/ Water & Mild Cleaner	x	x	x	x
Maint. & Use	Ergonomic	x	x	x	x
Maint. & Use	Recycling	x	x	x	x
Disposal	Disassemble	x	x	x	x
Disposal	Recyclable - Fully	x	x	x	x
Disposal	Recycling - Scrap	x	x	x	x
Disposal	Reuse	x	x	x	x

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 our company environmental initiatives and policies, please feel free to contact our Sustainability Team at [green@forms-surfaces.com](mailto:green@forms-surfaces.com).