

Dispatch Litter & Recycling Receptacles are ergonomic, low maintenance and easy to disassemble. Receptacles are made of cast aluminum which is recyclable and has a high recycled content. 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 rd Party Certifications
Dispatch Receptacle, 36-gallon, single-stream, one 36-gallon liner	66%	14%	80%	-
Dispatch Receptacle, 36-gallon, single-stream, one 36-gallon liner, concrete base	39%	8%	47%	-
Dispatch Receptacle, 36-gallon, split-stream, two 16-gallon half liners	63%	13%	76%	-
Dispatch Receptacle, 36-gallon, split-stream, two 16-gallon half liners, concrete base	39%	8%	47%	-
Dispatch Receptacle, 45-gallon, single-stream, one 45-gallon liner	65%	13%	78%	-
Dispatch Receptacle, 45-gallon, single-stream, one 45-gallon liner, concrete base	39%	8%	47%	-
Dispatch Receptacle, 45-gallon, split-stream, two 20-gallon half liners	62%	13%	75%	-
Dispatch Receptacle, 45-gallon, split-stream, two 20-gallon half liners, concrete base	38%	8%	46%	-

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. See below for details.</p> <p><i>MR4: Recycled Content</i> – this product contains recycled material. Recycled content is shown above for all standard options.</p> <p><i>MR5: Regional Materials</i> – this product is manufactured in Pittsburgh, PA. Contact for details.</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. See below for details.</p> <p><i>MR3: Sourcing of Raw Materials (recycled content)</i> – this product contains recycled material. Recycled content is shown above for all standard options. (regional materials) – this product is manufactured in Pittsburgh, PA. Contact for details.</p> <p><i>EQ2: Low-emitting Materials</i> – inherently non-emitting sources. Contact for details.</p>
<p>Green Globes™</p> <p>3.5.4.1 <i>Construction Waste</i> – packaging is designed to be reusable or recyclable. See below for details.</p> <p>3.5.4.2 <i>Operational Waste</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.</p> <p>3.5.6.3 <i>Deconstruction and Disassembly</i> – this product can be disassembled to separate recyclable components.</p> <p>3.7.2.1 <i>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>LBI-2.5: Material Emissions: Formaldehyde Reduction</i> – inherently non-emitting sources. Contact for details.</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-R3/SM-14: Operational Waste Management</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.</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. 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 & recycling receptacles can be customized to fit local waste & recycling streams.</p> <p><i>O+M P8.3: Recycle organic matter</i>- litter & recycling receptacles can be customized to fit local waste & recycling streams.</p>

Green Building Standards continued

WELL Building Standard
<i>Air – 11. Fundamental material safety – this product does not contain asbestos, lead or mercury. Please contact for details.</i>

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	
Concrete	Construction material composed of cementitious materials such as fly ash, slag cement and various sized aggregates that are mixed together with water to form molded products.	5	1		x		x	x
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	
Vinyl	Waterproof, durable adhesive vinyl sheet cut into letters or symbols for use in signage.	5	0		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 Mold Making	Process of pouring pre-mixed concrete into mold cavities. Molds cure over a 24-hour period under ambient temperature.
Cutting	A variety of methods may be used to cut through various materials.
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.
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
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	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.	NA
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 – 36-gallon

Category Type	Property/Component	36-gallon, single-stream, one 36-gallon liner	36-gallon, single-stream, one 36-gallon liner, concrete base	36-gallon, split-stream, two 16-gallon half liners	36-gallon, split-stream, two 16-gallon half liners, concrete base
Basic	Post-Industrial Recycled Content	66%	39%	63%	39%
Basic	Post-Consumer Recycled Content	14%	8%	13%	8%
Basic	Total Recycled Content	80%	47%	76%	47%
LEED v3	MR: Storage & Collection of Recyclables	x	x	x	x
LEED v3	MR: Construction Waste Management	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: Storage & Collection of Recyclables	x	x	x	x
LEED v4	MR: Construction Waste Management	x	x	x	x
LEED v4	MR: Sourcing of Raw Matls...recycled	x	x	x	x
LEED v4	MR: Sourcing of Raw...regional matls	Contact	Contact	Contact	Contact
LEED v4	EQ: Low-emitting Materials	Contact	Contact	Contact	Contact
Green Globes	3.5.4.1 Construction Waste	x	x	x	x

SUMMARY – 36-gallon continued

Category Type	Property/Component	36-gallon, single-stream, one 36-gallon liner	36-gallon, single-stream, one 36-gallon liner, concrete base	36-gallon, split-stream, two 16-gallon half liners	36-gallon, split-stream, two 16-gallon half liners, concrete base
Green Globes	3.5.4.2 Operational Waste	x	x	x	x
Green Globes	3.5.6.3 Deconstruction and Disassembly	x	x	x	x
Green Globes	3.7.2.1 Volatile Organic Compounds	Contact	Contact	Contact	Contact
ESTIDAMA	LBi: Material Emissions	Contact	Contact	Contact	Contact
ESTIDAMA	SM: Hazardous Material Elimination	Contact	Contact	Contact	Contact
ESTIDAMA	SM: Construction Waste Management	x	x	x	x
ESTIDAMA	SM: Operational Waste Management	x	x	x	x
SITES	Materials: Design for disassembly	x	x	x	x
SITES	Materials: Recycled content materials	x	x	x	x
SITES	Materials: Regional materials	Contact	Contact	Contact	Contact
SITES	Construction: Divert construction materials	x	x	x	x
SITES	O+M: Storage & collection of recyclables	x	x	x	x
SITES	O+M: Recycle organic matter	x	x	x	x
WELL	Air: Fundamental material safety	x	x	x	x
Materials	Aluminum	x	x	x	x
Materials	Concrete		x		x
Materials	Polyethylene	x	x	x	x
Materials	Stainless Steel	x	x	x	x
Materials	Vinyl	x	x	x	x
Processes	Aluminum Making	x	x	x	x
Processes	Aluminum Treatment	x	x	x	x
Processes	Casting	x	x	x	x
Processes	Concrete Mold Making		x		x
Processes	Cutting	x	x	x	x
Processes	Forming	x	x	x	x
Processes	Metal Finishing	x	x	x	x
Processes	Plastics Manufacture	x	x	x	x
Processes	Powdercoating	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 with Water and Mild Cleaner	x	x	x	x
Maint. & Use	Ergonomic	x	x	x	x

SUMMARY – 36-gallon continued

Category Type	Property/Component	36-gallon, single-stream, one 36-gallon liner	36-gallon, single-stream, one 36-gallon liner, concrete base	36-gallon, split-stream, two 16-gallon half liners	36-gallon, split-stream, two 16-gallon half liners, concrete base
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 – 45-gallon

Category Type	Property/Component	45-gallon, single-stream, one 45-gallon liner	45-gallon, single-stream, one 45-gallon liner, concrete base	45-gallon, split-stream, two 20-gallon half liners	45-gallon, split-stream, two 20-gallon half liners, concrete base
Basic	Post-Industrial Recycled Content	65%	39%	62%	38%
Basic	Post-Consumer Recycled Content	13%	8%	13%	8%
Basic	Total Recycled Content	78%	47%	75%	46%
LEED v3	MR: Storage & Collection of Recyclables	x	x	x	x
LEED v3	MR: Construction Waste Management	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: Storage & Collection of Recyclables	x	x	x	x
LEED v4	MR: Construction Waste Management	x	x	x	x
LEED v4	MR: Sourcing of Raw Matls...recycled	x	x	x	x
LEED v4	MR: Sourcing of Raw...regional matls	Contact	Contact	Contact	Contact
LEED v4	EQ: Low-emitting Materials	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 Deconstruction and Disassembly	x	x	x	x
Green Globes	3.7.2.1 Volatile Organic Compounds	Contact	Contact	Contact	Contact
ESTIDAMA	LBI: Material Emissions	Contact	Contact	Contact	Contact
ESTIDAMA	SM: Hazardous Material Elimination	Contact	Contact	Contact	Contact
ESTIDAMA	SM: Construction Waste Management	x	x	x	x
ESTIDAMA	SM: Operational Waste Management	x	x	x	x
SITES	Materials: Design for disassembly	x	x	x	x
SITES	Materials: Recycled content materials	x	x	x	x
SITES	Materials: Regional materials	Contact	Contact	Contact	Contact
SITES	Construction: Divert construction materials	x	x	x	x
SITES	O+M: Storage & collection of recyclables	x	x	x	x
SITES	O+M: Recycle organic matter	x	x	x	x
WELL	Air: Fundamental material safety	x	x	x	x
Materials	Aluminum	x	x	x	x
Materials	Concrete		x		x
Materials	Polyethylene	x	x	x	x
Materials	Stainless Steel	x	x	x	x

SUMMARY – 45-gallon continued

Category Type	Property/Component	45-gallon, single-stream, one 45-gallon liner	45-gallon, single-stream, one 45-gallon liner, concrete base	45-gallon, split-stream, two 20-gallon half liners	45-gallon, split-stream, two 20-gallon half liners, concrete base
Materials	Vinyl	x	x	x	x
Processes	Aluminum Making	x	x	x	x
Processes	Aluminum Treatment	x	x	x	x
Processes	Casting	x	x	x	x
Processes	Concrete Mold Making		x		x
Processes	Cutting	x	x	x	x
Processes	Forming	x	x	x	x
Processes	Metal Finishing	x	x	x	x
Processes	Plastics Manufacture	x	x	x	x
Processes	Powdercoating	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 with Water and 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.