

Buttler Ash Receptacles may be used to help designate a smoking area away from doors, windows, and ventilation inlets. Buttler Receptacles are made from corrosion-resistant aluminum with high recycled content. Standard powdercoat colors are no-VOC and all components are 100% recyclable.

**Recycled Content & Certifications**

Configurations	Post-Industrial Recycled Content	Post-Consumer Recycled Content	Total Recycled Content	3 <sup>rd</sup> Party Certifications
Medium Buttler, pole mount	57%	2%	59%	-
Medium Buttler, wall mount	50%	4%	54%	-
Medium Buttler, strap mount	42%	6%	48%	-
Medium Buttler, receptacle mount	43%	6%	49%	-
Large Buttler, pole mount	52%	3%	55%	-
Large Buttler, wall mount	44%	5%	49%	-

**Green Building Standards**

<p><b>LEED® v3</b></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><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. See below for details.</p> <p><i>MR3: Sourcing of Raw Matls. (recycled content)</i> – this product contains recycled material. Recycled content is shown above for all standard options.</p> <p><i>(regional materials)</i> – this product is manufactured in Pittsburgh, PA. Contact for details.</p> <p><i>MR4: Material Ingredients</i> – this product has a Health Product Declaration. Contact for details.</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><i>EQ2: Low-emitting Materials</i> – inherently non-emitting sources. Contact for details.</p>
<p><b>Green Globes™</b></p> <p><i>3.5.4.1 Construction Waste</i> – packaging is designed to be reusable or recyclable. See below 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>3.7.2.1 Volatile Organic Compounds</i> - inherently non-emitting sources. Contact for details.</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>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><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>Materials C5.8: Support transparency and safer chemistry</i> - this product has a Health Product Declaration. Contact for details.</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. See below 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	
Rubber	A tough elastic polymeric substance made from the latex of a tropical plant or synthetically.	5	0		x		x	x
Stainless Steel	Steel that is alloyed with chromium and other metals to improve corrosion-resistance.	3	4		x		x	
Vinyl Graphics	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.
Cutting	A variety of methods may be used to cut through various materials.
Extruding	Process in which heated metal is pushed through a cross-sectional die to create a linear part with a specific shape.
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.
Rubber Manufacture	A tough elastic polymeric substance made from the latex of a tropical plant or synthetically.
Sand Blasting	The process of smoothing, shaping and cleaning a hard surface by forcing solid particles across that surface at high speeds to provide an even finish.
Screen Printing	A printing technique that uses a woven mesh to support a stencil. The attached stencil forms open areas of mesh that transfer a sharp-edged image onto a substrate when a roller or squeegee is applied.
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
Cardboard	Spacers	Used to provide impact cushioning between a product and its package or between two products.	Reuse/Recycle
Foam	Sheets	Microfoam 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

**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
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 - 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- Medium Buttler**

Category Type	Property/Component	pole mount	wall mount	strap mount	receptacle mount
Basic	Post-Industrial Recycled Content	57%	50%	42%	43%
Basic	Post-Consumer Recycled Content	2%	4%	6%	6%
Basic	Total Recycled Content	59%	54%	48%	49%
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 v3	IEQ: Environmental Tobacco	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
LEED v4	MR: Sourcing...regional materials	Contact	Contact	Contact	Contact
LEED v4	MR: Material Ingredients	Contact	Contact	Contact	Contact
LEED v4	EQ: Environmental tobacco smoke control	x	x	x	x
LEED v4	EQ: Low-emitting Materials	Contact	Contact	Contact	Contact
Green Globes	3.5.4.1 Construction Waste	x	x	x	x
Green Globes	3.5.6.3 Deconstruction & Disassembly	x	x	x	x
Green Globes	3.7.2.1 Volatile Organic Compounds	Contact	Contact	Contact	Contact
Green Globes	3.7.2.9 Other Indoor Pollutants (Tobacco...)	x	x	x	x
ESTIDAMA	LBI: Smoking Control	x	x	x	x
ESTIDAMA	LBI: Material Emissions	Contact	Contact	Contact	Contact
ESTIDAMA	SM: Hazardous Material Elimination	x	x	x	x
ESTIDAMA	SM: Construction 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	Materials: Transparency and safer chemistry	Contact	Contact	Contact	Contact
SITES	HHWB: Minimize exposure to ETS	x	x	x	x
SITES	Construction: Divert construction materials	x	x	x	x
Materials	Aluminum	x	x	x	x

**SUMMARY- Medium Buttler continued**

Category Type	Property/Component	pole mount	wall mount	strap mount	receptacle mount
Materials	Rubber	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	Cutting	x			
Processes	Extruding	x	x	x	x
Processes	Powdercoating	x	x	x	x
Processes	Rubber Manufacture	x	x	x	x
Processes	Sandblasting	x	x	x	x
Processes	Screen Printing	x	x	x	x
Processes	Steel Making	x	x	x	x
Processes	Welding	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
Transport	Boat - Overseas	x	x	x	x
Transport	Ground – Truck/Rail	x	x	x	x
Maintenance & Use	Clean with Water and Mild Cleaner	x	x	x	x
Maintenance & Use	Tobacco Smoke Control	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

**SUMMARY- Large Buttler**

Category Type	Property/Component	pole mount	wall mount
Basic	Post-Industrial Recycled Content	52%	44%
Basic	Post-Consumer Recycled Content	3%	5%
Basic	Total Recycled Content	55%	49%
LEED v3	MR: Construction Waste Management	x	x
LEED v3	MR: Recycled Content	x	x
LEED v3	MR: Regional Materials	Contact	Contact
LEED v3	IEQ: Environmental Tobacco	x	x
LEED v4	MR: Construction Waste Management	x	x
LEED v4	MR: Sourcing of Raw Matls...recycled	x	x
LEED v4	MR: Sourcing...regional materials	Contact	Contact
LEED v4	MR: Material Ingredients	Contact	Contact
LEED v4	EQ: Environmental tobacco smoke control	x	x
LEED v4	EQ: Low-emitting Materials	Contact	Contact
Green Globes	3.5.4.1 Construction Waste	x	x
Green Globes	3.5.6.3 Deconstruction & Disassembly	x	x
Green Globes	3.7.2.1 Volatile Organic Compounds	Contact	Contact
Green Globes	3.7.2.9 Other Indoor Pollutants (Tobacco...)	x	x
ESTIDAMA	LBI: Smoking Control	x	x
ESTIDAMA	LBI: Material Emissions	Contact	Contact

**SUMMARY- Large Buttler continued**

Category Type	Property/Component	pole mount	wall mount
ESTIDAMA	SM: Hazardous Material Elimination	x	x
ESTIDAMA	SM: Construction Waste Management	x	x
SITES	Materials: Design for disassembly	x	x
SITES	Materials: Recycled content materials	x	x
SITES	Materials: Regional materials	Contact	Contact
SITES	Materials: Transparency and safer chemistry	Contact	Contact
SITES	HHWB: Minimize exposure to ETS	x	x
SITES	Construction: Divert construction materials	x	x
Materials	Aluminum	x	x
Materials	Rubber	x	x
Materials	Stainless Steel	x	x
Materials	Vinyl	x	x
Processes	Aluminum Making	x	x
Processes	Aluminum Treatment	x	x
Processes	Casting	x	x
Processes	Cutting	x	
Processes	Extruding	x	x
Processes	Powdercoating	x	x
Processes	Rubber Manufacture	x	x
Processes	Sandblasting	x	x
Processes	Screen Printing	x	x
Processes	Steel Making	x	x
Processes	Welding	x	
Packaging	Cardboard - Box	x	x
Packaging	Foam Sheets	x	x
Packaging	Plastic - Band	x	x
Packaging	Plastic – Shrink wrap	x	x
Packaging	Steel – Band	x	x
Transport	Boat - Overseas	x	x
Transport	Ground – Truck/Rail	x	x
Maintenance & Use	Clean with Water and Mild Cleaner	x	x
Maintenance & Use	Tobacco Smoke Control	x	x
Disposal	Disassemble	x	x
Disposal	Recyclable - Fully	x	x
Disposal	Recycling - Scrap	x	x
Disposal	Reuse		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).