

Cordia Receptacles are ergonomic, low maintenance and easy to disassemble. Wood insets are FSC® 100% Jatoba hardwood with a natural oiled finish. Corrosion resistant aluminum insets have a low- or no- VOC powdercoat finish.

Recycled Content & Certifications

Configurations	Post-Industrial Recycled Content	Post-Consumer Recycled Content	Total Recycled Content	3rd Party Certifications
36-gallon, split-stream, FSC 100% Jatoba Hardwood	32%	5%	37%	FSC 100%
36-gallon, single-stream, FSC 100% Jatoba Hardwood	31%	5%	36%	FSC 100%
36-gallon, split-stream, FSC 100% Jatoba Hardwood, rain hat	39%	7%	46%	FSC 100%
36-gallon, single-stream, FSC 100% Jatoba Hardwood, rain hat	39%	7%	46%	FSC 100%
36-gallon, split-stream, aluminum	46%	6%	52%	-
36-gallon, single-stream, aluminum	47%	5%	52%	-
36-gallon, split-stream, aluminum, rain hat	50%	7%	57%	-
36-gallon, single-stream, aluminum, rain hat	52%	7%	59%	-

FSC License Code: FSC-C004453

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> – we have manufacturing facilities in Pittsburgh, PA, Carpinteria, CA and Pune, India. Contact for details.</p> <p><i>MR7: Certified Wood</i> - wood used in this product is certified by the Forest Stewardship Council (SCS-COC-001461).</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 (wood)</i> – wood used in this product is certified by the Forest Stewardship Council (SCS-COC-001461). <i>(recycled content)</i> – this product contains recycled material. recycled content is shown above for all standard options. <i>(regional materials)</i> – we have manufacturing facilities in Pittsburgh, PA, Carpinteria, CA and Pune, India. Contact for details.</p> <p><i>MR4: Material Ingredients</i> – this product has a Health Product Declaration. Contact for details.</p> <p><i>EQ2: Low-emitting Materials</i> – inherently non-emitting sources. Contact for details.</p>
<p>Green Globes™</p> <p><i>3.5.2.2 Interior Fit-Outs</i> - wood used in this product is certified by the Forest Stewardship Council (SCS-COC-001461).</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>3.5.4.2 Operational Waste</i> - litter & recycling receptacles can be customized to fit local waste & recycling streams.</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>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><i>SM-1: Non-Polluting Materials</i> - product does not contain materials with designated R-phrases.</p> <p><i>SM-4: Design for Disassembly</i> - this product can be disassembled to separate recyclable components</p> <p><i>SM-12: Reused or Certified Timber</i> - wood used in this product is certified by the Forest Stewardship Council (SCS-COC-001461).</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	
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	
Wood – Jatoba	Tropical hardwood valued for its appearance, strength, and high resistance to insects and decay. Native to Central and South America.	3	1	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.
Forming	A mechanical process used to alter the shape of metal.
Machining	A form of subtractive or additive manufacturing often requiring specialty tooling to physically remove or add material to achieve a desired geometry.
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 provide 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.
Wood Finishing	Wood is cut and sanded smooth. Finishes are applied to adjust the wood's color, enhance its appearance or to protect it from staining or weathering.
Wood Processing	Wood milled from trees and turned into lumber.

Packaging Materials

Material	Type	Description	Disposal
Cardboard	Box	Small or light products 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
Foam	Soy Sheets	Soy foam sheets are used to protect the finish on products.	Biodegradable
Plastic	Shrink wrap	Shrink wrap is used to protect the finish on products and also to hold padding to products.	Recyclable
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.

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
Wood Finishing	Wood in this product can be allowed to weather, but must be refinished with wood oil to retain the original look.	Wood oil

Disposal

Method	Description
Biodegradable	Some components of this product are biodegradable
Disassemble	Product can be disassembled to separate recyclable components
Recyclable - Fully	Benches with aluminum slats are fully recyclable
Recyclable - Partially	Benches with wood slats are partially recyclable
Recycling - Scrap	Materials can be sold for scrap
Reuse	This item can be reused in the same or different function

Summary – FSC 100% Jatoba Hardwood

Category Type	Property/Component	36-gallon, split-stream	36-gallon, single-stream	36-gallon, split-stream, rain hat	36-gallon, single-stream, rain hat
Basic	Total Recycled Content	37%	36%	46%	46%
Basic	Post-Industrial Recycled Content	32%	31%	39%	39%
Basic	Post-Consumer Recycled Content	5%	5%	7%	7%
Basic	3rd Party Cert	FSC 100%	FSC 100%	FSC 100%	FSC 100%
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 v3	MR: Certified Wood	x	x	x	x
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 Materials (wood)	x	x	x	x
LEED v4	MR: Sourcing ... (recycled content)	x	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: Low-emitting materials	x	x	x	x
Green Globes	3.5.2.2 Interior Fit-Outs	x	x	x	x
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	x	x	x	x
Estidama Pearl	LBI-2.5: Matl Emissions: Formaldehyde	x	x	x	x
Estidama Pearl	SM-R1: Hazardous Material Elimination	x	x	x	x
Estidama Pearl	SM-R2/SM-13: Construction Waste Mgmt	x	x	x	x
Estidama Pearl	SM-R3/SM-14: Operational Waste Mgmt	x	x	x	x
Estidama Pearl	SM-1: Non-Polluting Materials	x	x	x	x
Estidama Pearl	SM-4: Design for Disassembly	x	x	x	x
Estidama Pearl	SM-12: Reused or Certified Timber	x	x	x	x
Materials	Aluminum	x	x	x	x
Materials	Polyethylene	x	x	x	x
Materials	Stainless Steel	x	x	x	x
Materials	Wood – Jatoba	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	x	x	x
Processes	Extruding	x	x	x	x
Processes	Forming	x	x	x	x
Processes	Machining	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
Processes	Wood Finishing	x	x	x	x

Summary – FSC 100% Jatoba Hardwood (continued)

Category Type	Property/Component	36-gallon, split-stream	36-gallon, single-stream	36-gallon, split-stream, rain hat	36-gallon, single-stream, rain hat
Processes	Wood Processing	x	x	x	x
Packaging	Cardboard – Box	x	x	x	x
Packaging	Foam Sheets	x	x	x	x
Packaging	Foam Soy Sheets	x	x	x	x
Packaging	Plastic - Shrinkwrap	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
Maint. & Use	Wood Finishing	x	x	x	x
Disposal	Biodegradable	x	x	x	x
Disposal	Disassemble	x	x	x	x
Disposal	Recyclable - Fully				
Disposal	Recyclable - Partially	x	x	x	x
Disposal	Recycling – Scrap	x	x	x	x
Disposal	Reuse	x	x	x	x

Summary – Aluminum

Category Type	Property/Component	36-gallon, split-stream	36-gallon, single-stream	36-gallon, split-stream, rain hat	36-gallon, single-stream, rain hat
Basic	Total Recycled Content	52%	52%	57%	59%
Basic	Post-Industrial Recycled Content	46%	47%	50%	52%
Basic	Post-Consumer Recycled Content	6%	5%	7%	7%
Basic	3rd Party Cert	-	-	-	-
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 v3	MR: Certified Wood				
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 Materials (wood)				
LEED v4	MR: Sourcing ... (recycled content)	x	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: Low-emitting materials	x	x	x	x
Green Globes	3.5.2.2 Interior Fit-Outs				
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	x	x	x	x
Estidama Pearl	LBI-2.5: Matl Emissions: Formaldehyde	x	x	x	x

Summary – Aluminum (continued)

Category Type	Property/Component	36-gallon, split-stream	36-gallon, single-stream	36-gallon, split-stream, rain hat	36-gallon, single-stream, rain hat
Estidama Pearl	SM-R1: Hazardous Material Elimination	x	x	x	x
Estidama Pearl	SM-R2/SM-13: Construction Waste Mgmt	x	x	x	x
Estidama Pearl	SM-R3/SM-14: Operational Waste Mgmt	x	x	x	x
Estidama Pearl	SM-1: Non-Polluting Materials	x	x	x	x
Estidama Pearl	SM-4: Design for Disassembly	x	x	x	x
Estidama Pearl	SM-12: Reused or Certified Timber				
Materials	Aluminum	x	x	x	x
Materials	Polyethylene	x	x	x	x
Materials	Stainless Steel	x	x	x	x
Materials	Wood – Jatoba				
Processes	Aluminum Making	x	x	x	x
Processes	Aluminum Treatment	x	x	x	x
Processes	Casting	x	x	x	x
Processes	Cutting	x	x	x	x
Processes	Extruding	x	x	x	x
Processes	Forming	x	x	x	x
Processes	Machining	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
Processes	Wood Finishing				
Processes	Wood Processing				
Packaging	Cardboard – Box	x	x	x	x
Packaging	Foam Sheets	x	x	x	x
Packaging	Foam Soy Sheets	x	x	x	x
Packaging	Plastic - Shrinkwrap	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
Maint. & Use	Wood Finishing				
Disposal	Biodegradable				
Disposal	Disassemble	x	x	x	x
Disposal	Recyclable - Fully	x	x	x	x
Disposal	Recyclable - Partially				
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, please contact our Sustainability Team at green@forms-surfaces.com.