

UNIVERSAL ROUND RECEPTACLE CONFIGURATIONS	Total Recycled Content	Post-Industrial Recycled Content	Post-Consumer Recycled Content
30-Gallon Receptacle – Side Opening (Standard Opening/Standard Opening)			
Stainless Steel Satin Finish Skin, Stainless Steel Lid	52%	52%	0%
Stainless Steel Sandstone, Seastone, Diamond or Linen Finish Skin, Stainless Steel Lid	63%	16%	47%
30-Gallon Receptacle – Side Opening (Standard Opening/Standard Opening) – Concrete Base			
Stainless Steel Satin Finish Skin, Stainless Steel Lid	29%	29%	0%
Stainless Steel Sandstone, Seastone, Diamond or Linen Finish Skin, Stainless Steel Lid	36%	9%	27%
30-Gallon Receptacle – Side Opening (Standard Opening/Round Opening)			
Stainless Steel Satin Finish Skin, Stainless Steel Lid	52%	52%	0%
Stainless Steel Sandstone, Seastone, Diamond or Linen Finish Skin, Stainless Steel Lid	63%	16%	47%
30-Gallon Receptacle – Side Opening (Standard Opening/Round Opening) – Concrete Base			
Stainless Steel Satin Finish Skin, Stainless Steel Lid	29%	29%	0%
Stainless Steel Sandstone, Seastone, Diamond or Linen Finish Skin, Stainless Steel Lid	36%	9%	27%
30-Gallon Receptacle – Side Opening (Round Opening/Round Opening)			
Stainless Steel Satin Finish Skin, Stainless Steel Lid	52%	52%	0%
Stainless Steel Sandstone, Seastone, Diamond or Linen Finish Skin, Stainless Steel Lid	63%	16%	47%
30-Gallon Receptacle – Side Opening (Round Opening/Round Opening) – Concrete Base			
Stainless Steel Satin Finish Skin, Stainless Steel Lid	29%	29%	0%
Stainless Steel Sandstone, Seastone, Diamond or Linen Finish Skin, Stainless Steel Lid	36%	9%	27%

GREEN BUILDING STANDARDS

LEED®

This product can apply to the LEED credits outlined below. In order to provide knowledgeable assistance to our customers, we also have a LEED Accredited Professional on staff. If you don't see the information you need for your project on this page, you can contact our LEED AP by e-mailing green@forms-surfaces.com.

- **MR: Storage & Collection of Recyclables** – Litter and recycling receptacles are available for any type of application and can be customized to fit local recycling streams.
- **MR: Recycled Content** – This product contains recycled material. Recycled content information is available above for all standard products and by advance request for any custom product.
- **MR: Regional Materials** – We have manufacturing facilities in Pittsburgh, PA (15223), Carpinteria, CA (93013), Phoenix, AZ (84043), Santa Fe Springs, CA (90605) and Pune, India. Please contact us for more information.

LEED® India

This product can apply to one or more LEED India credits, as outlined below. If you don't see the information you need for your project on this page, you can contact us by e-mailing green@forms-surfaces.com.

- **MR: Storage & Collection of Recyclables** – Litter and recycling receptacles are available for any type of application and can be customized to fit local recycling streams.
- **MR: Recycled Content** – This product contains recycled material. Recycled content information is available above for all standard products and by advance request for any custom product.
- **MR: Local/Regional Materials** – We have manufacturing facilities in Pune, India. Please contact us for more information.

Green Globes™

This product can apply to one or more Green Globes credits, as outlined below. Our sustainability team is knowledgeable about the Green Globes standards, so please feel free to contact us at green@forms-surfaces.com should you need more information.

- **10.2.2.1 Recycled Content** – This product contains recycled material. Recycled content information is available above for all standard products and by advance request for any custom product.

- **10.2.4.1 Transportation of Manufactured Materials** – We have manufacturing facilities in Pittsburgh, PA (15223), Carpinteria, CA (93013), Phoenix, AZ (84043), Santa Fe Springs, CA (90605) and Pune, India. Please contact us for more information.
- **10.5 Recycling of Waste** – Litter and recycling receptacles are available for any type of application and can be customized to fit local recycling streams.

Estidama

This product can apply to the Estidama credits outlined below. We are familiar with the Estidama standards, so please feel free to contact us at green@forms-surfaces.com should you need additional information.

- **ADMAT1: Materials Specification - Major Building Elements – Recycled** – This product contains recycled material. Recycled content information is available above for all standard products and by advance request for any custom product.
- **ADMAT5: Sustainable Materials Sourcing** – We maintain sustainable procurement policies and procedures. Please contact us for more information.
- **ADWAS1: Reduction of Waste** – Most of our products are recyclable. Full disposal information is available below.
- **ADWAS2: Storage for Recyclable Waste** – Litter and recycling receptacles are available for any type of application and can be customized to fit local recycling streams.

PRODUCT MATERIALS

Material	Type	Description	Maintenance (0-5)*	Inherent Value (0-5)**	Biodegradable	Corrosion/Wear Resistant	Rapidly Renewable	Recyclable	Scratch-Resistant
Concrete	Portland Cement	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
Polymer	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	
Polymer	Polyethylene	Thermoplastic, petroleum-based polymer, used for a broad range of molded and extruded products.	4	0		x		x	
Stainless Steel	HD Finish	Stainless Steel with a finish applied by high-pressure rollers to produce a work-hardened surface with enhanced resistance to wear.	4	4		x		x	x
Stainless Steel	Sheet and Tube	Steel that is alloyed with chromium and other metals to improve corrosion-resistance. Formed by rolling or extruding.	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

F+S Facility Processes	Process Description	Vendor Facility Processes	Process Description
Digital UV Printing	A printing method in which a digital based image is printed directly to a variety of media with ultraviolet ink.	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.
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.	Concrete Casting	Process of mixing concrete, filling molds, and curing the material in an ambient or moderately climate-controlled environment.
Impression	Creates three-dimensional images/patterns onto a material by pressing the substrate between two patterns using pressure.	Metal Finishing	Applied using grinding/sanding wheels. Finishing produces a grained or brushed finish on the surface, and depending on the material will increase corrosion resistance. Typically, products are either finished at our vendor's facility or at F+S, but usually not both.
Laser Cutting	A powerful, computer-controlled laser is used to precisely cut shapes or designs into metal.	Metal Spinning	A metal working process in which a tube or sheet of metal is rotated on a single axis to form an axially symmetric part.
Metal Punching	A mechanical process where a die tool creates a hole in the material using velocity and pressure. Three-dimensional images/patterns can also be created by pressing the substrate between two patterns using a combination of heat and pressure.	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.
Painting	Low-VOC paint is applied to a surface.	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.
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		
Roll Forming	A mechanical process in which material is passed through a set of rolls in order to form a continuous curved bend in the material. Typically a set of three rolls is required to apply pressure at necessary points in the material to achieve the desired radius.		
Tape Application	Used to bond components. Tape is applied by hand.		
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. We often reuse boxes for shipping.	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. Clean shrink wrap is recyclable.	Recycle
Wood	Pallet	Wood pallets are purchased for use in shipping. Pallets are reused onsite until no longer serviceable, at which point they are 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.
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	All product components can be recycled.
Recycling – Scrap	Materials can be sold for scrap.
Reuse	This item can be reused in the same or different function.

SUMMARY – 30-Gallon Receptacle, Side Opening with Standard Opening/Standard Opening, Standard Opening/Round Opening or Round Opening/Round Opening, No Pattern

Category Type	Property/Component	Stainless Steel Satin Skin, Stainless Steel Lid, Polyethylene Base	Stainless Steel Sandstone, Seastone, Diamond or Linen Skin, Stainless Steel Lid, Polyethylene Base	Stainless Steel Satin Skin, Dome Stainless Steel Lid, Concrete Base	Stainless Steel Sandstone, Seastone, Diamond or Linen Skin, Stainless Steel Lid, Concrete Base
Basic	Total Recycled Content	52%	63%	29%	36%
Basic	Post-Industrial Recycled Content	52%	16%	29%	9%
Basic	Post-Consumer Recycled Content	0%	47%	0%	27%
LEED	MR: Storage/Collection of Recyclables	x	x	x	x
LEED	MR: Recycled Content	x	x	x	x
LEED	MR: Regional Materials	Contact	Contact	Contact	Contact
LEED India	MR: Storage/ Collection of Recyclables	x	x	x	x
LEED India	MR: Recycled Content	x	x	x	x
LEED India	MR: Local/Regional Materials	Contact	Contact	Contact	Contact
Green Globes	10.2.2.1 Recycled Content	x	x	x	x
Green Globes	10.2.4.1 Transport of Mats	Contact	Contact	Contact	Contact
Green Globes	10.5 Recycling of Waste	x	x	x	x
Etidama	ADMAT1: Matis Spec – Recycled	x	x	x	x
Etidama	ADMAT5: Sustainable Mats Sourcing	x	x	x	x
Etidama	ADWAS1: Reduction of Waste	x	x	x	x
Etidama	ADWAS2: Recyclable Waste Storage	x	x	x	x
Materials	Concrete – Portland Cement			x	x
Materials	Polymer - Polycarbonate	x	x	x	x
Materials	Polymer – Polyethylene	x	x	x	x
Materials	SST – HD Finish		x		x
Materials	SST – Sheet and Tube	x		x	
Processes	Calendaring		x		x
Processes	Concrete Casting			x	x
Processes	Digital UV Printing	x	x	x	x
Processes	Laser Cutting	x	x	x	x
Processes	Metal Finishing	x	x	x	x
Processes	Metal Spinning	x	x	x	x
Processes	Painting	x	x	x	x
Processes	Plastics Manufacture	x	x	x	x
Processes	Powdercoating	x	x	x	x
Processes	Roll Forming	x	x	x	x
Processes	Steel Making	x	x	x	x
Processes	Tape Application	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	Foam – Soy Sheets	x	x	x	x
Packaging	Plastic – Shrink wrap	x	x	x	x
Packaging	Pallet – Wood	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	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 – 30-Gallon Receptacle, Side Opening with Standard Opening/Standard Opening, Standard Opening/Round Opening or Round Opening/Round Opening, Eco-Etch Pattern

Category Type	Property/Component	Stainless Steel Satin Skin, Stainless Steel Lid, Polyethylene Base	Stainless Steel Sandstone, Seastone, Diamond or Linen Skin, Stainless Steel Lid, Polyethylene Base	Stainless Steel Satin Skin, Dome Stainless Steel Lid, Concrete Base	Stainless Steel Sandstone, Seastone, Diamond or Linen Skin, Stainless Steel Lid, Concrete Base
Basic	Total Recycled Content	52%	63%	29%	36%
Basic	Post-Industrial Recycled Content	52%	16%	29%	9%
Basic	Post-Consumer Recycled Content	0%	47%	0%	27%
LEED	MR: Storage/Collection of Recyclables	x	x	x	x
LEED	MR: Recycled Content	x	x	x	x
LEED	MR: Regional Materials	Contact	Contact	Contact	Contact
LEED India	MR: Storage/ Collection of Recyclables	x	x	x	x
LEED India	MR: Recycled Content	x	x	x	x
LEED India	MR: Local/Regional Materials	Contact	Contact	Contact	Contact
Green Globes	10.2.2.1 Recycled Content	x	x	x	x
Green Globes	10.2.4.1 Transport of Matls	Contact	Contact	Contact	Contact
Green Globes	10.5 Recycling of Waste	x	x	x	x
Estdama	ADMAT1: Matis Spec – Recycled	x	x	x	x
Estdama	ADMAT5: Sustainable Matls Sourcing	x	x	x	x
Estdama	ADWAS1: Reduction of Waste	x	x	x	x
Estdama	ADWAS2: Recyclable Waste Storage	x	x	x	x
Materials	Concrete – Portland Cement			x	x
Materials	Polymer - Polycarbonate	x	x	x	x
Materials	Polymer – Polyethylene	x	x	x	x
Materials	SST – HD Finish		x		x
Materials	SST – Sheet and Tube	x		x	
Processes	Calendaring		x		x
Processes	Concrete Casting			x	x
Processes	Digital UV Printing	x	x	x	x
Processes	Eco-Etch	x	x	x	x
Processes	Laser Cutting	x	x	x	x
Processes	Metal Finishing	x	x	x	x
Processes	Metal Spinning	x	x	x	x
Processes	Painting	x	x	x	x
Processes	Plastics Manufacture	x	x	x	x
Processes	Powdercoating	x	x	x	x
Processes	Roll Forming	x	x	x	x
Processes	Steel Making	x	x	x	x
Processes	Tape Application	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	Foam – Soy Sheets	x	x	x	x
Packaging	Plastic – Shrink wrap	x	x	x	x
Packaging	Pallet – Wood	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	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 – 30-Gallon Receptacle, Side Opening with Standard Opening/Standard Opening, Standard Opening/Round Opening or Round Opening/Round Opening, Perforation Pattern

Category Type	Property/Component	Stainless Steel Satin Skin, Stainless Steel Lid, Polyethylene Base	Stainless Steel Sandstone, Seastone, Diamond or Linen Skin, Stainless Steel Lid, Polyethylene Base	Stainless Steel Satin Skin, Dome Stainless Steel Lid, Concrete Base	Stainless Steel Sandstone, Seastone, Diamond or Linen Skin, Stainless Steel Lid, Concrete Base
Basic	Total Recycled Content	52%	63%	29%	36%
Basic	Post-Industrial Recycled Content	52%	16%	29%	9%
Basic	Post-Consumer Recycled Content	0%	47%	0%	27%
LEED	MR: Storage/Collection of Recyclables	x	x	x	x
LEED	MR: Recycled Content	x	x	x	x
LEED	MR: Regional Materials	Contact	Contact	Contact	Contact
LEED India	MR: Storage/ Collection of Recyclables	x	x	x	x
LEED India	MR: Recycled Content	x	x	x	x
LEED India	MR: Local/Regional Materials	Contact	Contact	Contact	Contact
Green Globes	10.2.2.1 Recycled Content	x	x	x	x
Green Globes	10.2.4.1 Transport of Mats	Contact	Contact	Contact	Contact
Green Globes	10.5 Recycling of Waste	x	x	x	x
Etidama	ADMAT1: Matis Spec – Recycled	x	x	x	x
Etidama	ADMAT5: Sustainable Mats Sourcing	x	x	x	x
Etidama	ADWAS1: Reduction of Waste	x	x	x	x
Etidama	ADWAS2: Recyclable Waste Storage	x	x	x	x
Materials	Concrete – Portland Cement			x	x
Materials	Polymer - Polycarbonate	x	x	x	x
Materials	Polymer – Polyethylene	x	x	x	x
Materials	SST – HD Finish		x		x
Materials	SST – Sheet and Tube	x		x	
Processes	Calendaring		x		x
Processes	Concrete Casting			x	x
Processes	Digital UV Printing	x	x	x	x
Processes	Laser Cutting	x	x	x	x
Processes	Metal Finishing	x	x	x	x
Processes	Metal Punching	x	x	x	x
Processes	Metal Spinning	x	x	x	x
Processes	Painting	x	x	x	x
Processes	Plastics Manufacture	x	x	x	x
Processes	Powdercoating	x	x	x	x
Processes	Roll Forming	x	x	x	x
Processes	Steel Making	x	x	x	x
Processes	Tape Application	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	Foam – Soy Sheets	x	x	x	x
Packaging	Plastic – Shrink wrap	x	x	x	x
Packaging	Pallet – Wood	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	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 – 30-Gallon Receptacle, Side Opening with Standard Opening/Standard Opening, Standard Opening/Round Opening or Round Opening/Round Opening, Impression Pattern

	Property/Component	Stainless Steel Satin Skin, Stainless Steel Lid, Polyethylene Base	Stainless Steel Sandstone, Seastone, Diamond or Linen Skin, Stainless Steel Lid, Polyethylene Base	Stainless Steel Satin Skin, Dome Stainless Steel Lid, Concrete Base	Stainless Steel Sandstone, Seastone, Diamond or Linen Skin, Stainless Steel Lid, Concrete Base
Basic	Total Recycled Content	52%	63%	29%	36%
Basic	Post-Industrial Recycled Content	52%	16%	29%	9%
Basic	Post-Consumer Recycled Content	0%	47%	0%	27%
LEED	MR: Storage/Collection of Recyclables	x	x	x	x
LEED	MR: Recycled Content	x	x	x	x
LEED	MR: Regional Materials	Contact	Contact	Contact	Contact
LEED India	MR: Storage/ Collection of Recyclables	x	x	x	x
LEED India	MR: Recycled Content	x	x	x	x
LEED India	MR: Local/Regional Materials	Contact	Contact	Contact	Contact
Green Globes	10.2.2.1 Recycled Content	x	x	x	x
Green Globes	10.2.4.1 Transport of Mats	Contact	Contact	Contact	Contact
Green Globes	10.5 Recycling of Waste	x	x	x	x
Estdama	ADMAT1: Matis Spec – Recycled	x	x	x	x
Estdama	ADMAT5: Sustainable Mats Sourcing	x	x	x	x
Estdama	ADWAS1: Reduction of Waste	x	x	x	x
Estdama	ADWAS2: Recyclable Waste Storage	x	x	x	x
Materials	Concrete – Portland Cement			x	x
Materials	Polymer - Polycarbonate	x	x	x	x
Materials	Polymer – Polyethylene	x	x	x	x
Materials	SST – HD Finish		x		x
Materials	SST – Sheet and Tube	x		x	
Processes	Calendaring		x		x
Processes	Concrete Casting			x	x
Processes	Digital UV Printing	x	x	x	x
Processes	Impression	x	x	x	x
Processes	Laser Cutting	x	x	x	x
Processes	Metal Finishing	x	x	x	x
Processes	Metal Spinning	x	x	x	x
Processes	Painting	x	x	x	x
Processes	Plastics Manufacture	x	x	x	x
Processes	Powdercoating	x	x	x	x
Processes	Roll Forming	x	x	x	x
Processes	Steel Making	x	x	x	x
Processes	Tape Application	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	Foam – Soy Sheets	x	x	x	x
Packaging	Plastic – Shrink wrap	x	x	x	x
Packaging	Pallet – Wood	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	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.