Knight Litter Receptacles are ergonomic, low maintenance and easy to disassemble. Receptacles are made of corrosion-resistant aluminum which has a long life cycle, is recyclable and has a high recycled content.

Recycled Content & Certifications

Configurations	Post-Industrial Recycled Content	Post-Consumer Recycled Content	Total Recycled Content	3rd Party Certifications
Knight Litter Receptacle, 30-gallon	23%	19%	42%	-

Green Building Standards

LEED® v3

MR2: Construction Waste Management – packaging is designed to be reusable or recyclable. See below for details.

MR4: Recycled Content – this product contains recycled material. Recycled content is shown above for all standard options.

MR5: Regional Materials – this product is manufactured in Pittsburgh, PA. Contact for details.

LEED v4

MRp2/MR5: Construction Waste Management – packaging is designed to be reusable or recyclable. See below for details.

MR3: Sourcing of Raw Materials (recycled content) – 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.

EQ2: Low-emitting Materials – inherently non-emitting sources. Contact for details.

Green Globes™

3.5.4.1 Construction Waste – packaging is designed to be reusable or recyclable. See below for details.

3.5.6.3 Deconstruction and Disassembly – this product can be disassembled to separate recyclable components.

3.7.2.1 Volatile Organic Compounds - inherently non-emitting sources. Contact for details.

Estidama Pearl Rating System: Design & Construction, Version 1.0

LBi-2.5: Material Emissions: Formaldehyde Reduction – inherently non-emitting sources. Contact for details.

SM-R1: Hazardous Material Elimination – product contains no ACMs and no CCA-treated timber.

SM-R2/SM-13: Construction Waste Management - packaging is designed to be reusable or recyclable. See below for details.

SITES v2 Rating System

Materials C5.3: Design for adaptability and disassembly - this product can be disassembled to separate recyclable components.

Materials C5.5: Use recycled content materials - this product contains recycled material. Recycled content is shown above for all standard options.

Materials C5.6: Use regional materials - this product is manufactured in Pittsburgh, PA. Contact for extraction information.

Construction C7.5: Divert construction and demolition materials from disposal - packaging is designed to be reusable or recyclable. See below for details.

WELL Building Standard

Air – 11. Fundamental material safety – this product does not contain asbestos, lead or mercury. Please contact for details.

Air – 25. Toxic material reduction – this product does not contain PFCs, halogenated flame retardants, phthalates, isocyanate-based polyurethane or urea-formaldehyde. Please contact for details.

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	

Product Materials continued

*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.
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.
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

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.

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.