

LEVELe Wall Cladding System Components	Total Recycled Content	Post-Industrial Recycled Content	Post-Consumer Recycled Content
Aluminum Extrusions	25%	25%	0%
Aluminum Sheet	36%	36%	0%
Polycarbonate Backer	15%	15%	0%
MDF Backer	85%	85%	0%

Please Note: This document does not include information for panel insets. Please see the panel inset material PED.

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: Recycled Content** – This product contains recycled material. Recycled content information is shown above.
- **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.
- **EQ: Low-Emitting Materials-** Composite wood used in manufacture of this product contains no added urea-formaldehyde.

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 shown above for all of our standard options. Custom product recycled content is available by advance request.
- **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.

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.

- **ADEQ4: Indoor Air Quality – Low-Emitting Materials-** Composite wood used in manufacture of this product contains no added urea-formaldehyde.
- **ADMAT1: Materials Specification - Major Building Elements – Recycled** - This product contains recycled material. Recycled content information is available shown above.
- **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.

PRODUCT MATERIALS

Material	Type	Description	Maint- enance (0-5)*	Inherent Value (0-5)**	Biodegradable	Corrosion/Wear Resistant	Rapidly Renewable	Recyclable	Scratch- Resistant
Aluminum	Extruded	Simple or complex profiles created by forcing aluminum through a shaped die.	3	3		x		x	
Aluminum	Sheet	Light weight and corrosion-resistant metal sheets suitable for roll-forming and other fabrication methods.	3	3		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	
Wood	NAUF MDF	No Urea-Formaldehyde Added Medium Density Fiberboard. An engineered wood made of wood fibers and a resin binder formed into panels under high temperature and pressure.	5	0					

*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
Adhesive Application	Used to bond non-metal components. Adhesives are applied either by hand or in a spray booth controlled for air emissions.	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.
Brake Forming	A mechanical process in which material is shaped at a single angle along a straight axis. The process can be repeated to form more complicated shapes.	Anodizing	An electrolytic passivation process used to increase the thickness of the natural oxide layer on aluminum. Produces a protective surface that inhibits further oxidation (corrosion).
		Extrusion	Process in which heated metal is pushed through a cross-sectional die to create a linear part with a specific shape.
		Medium Density Fiberboard Processing	Engineered wood product formed by breaking down hardwood or softwood chips into wood fibers and mixing with wax and a resin binder through a thermo-mechanical steam process.
		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.

PACKAGING MATERIALS

Material	Type	Description	Disposal
Cardboard	Spacers	Used to provide impact cushioning between a product and its package or between two products.	Recycle
Foam	Sheets	Microfoam sheets are used to protect the finish on products.	Reuse
Polyethylene	Film	Used to protect the finish of our sheet goods.	Recycle
Wood	Crate	Wood crates are made to fit onsite. Wood scraps are recycled into mulch. Crates are reused when possible.	Reuse/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
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.
Modularity	Components in this product can be replaced or updated without replacing the entire product.	NA

DISPOSAL

Method	Description
Disassemble	Product can be disassembled to separate recyclable components.
Recyclable - Partially	Some of the product components are recyclable.
Recycling - Scrap	Materials can be sold for scrap.

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.