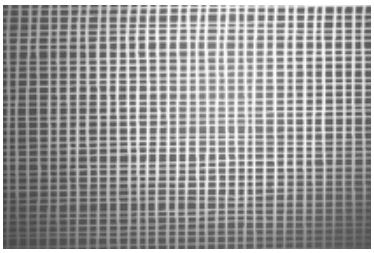

STAINLESS STEEL FINISH – ALL PATTERNS	Total Recycled Content	Post-Industrial Recycled Content	Post-Consumer Recycled Content
Sandstone™ (High Durability Finish)	86%	8%	78%
Seastone™ (High Durability Finish)	86%	8%	78%
Linen™ (High Durability Finish)	86%	8%	78%
Marquisette™ (High Durability Finish)	86%	8%	78%
Diamond™ (High Durability Finish)	86%	8%	78%
Mist™	67%	67%	0%
Ice™	67%	67%	0%
Mirror	67%	67%	0%
Satin	67%	67%	0%

GREEN BUILDING STANDARDS

LEED®

This product can apply to several LEED credits, as outlined below. In order to provide knowledgeable assistance to our customers, we 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 for all of our standard options. Custom product recycled content is available by advance request.
- **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: 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.
- **MR: Local/Regional Materials** – We have manufacturing facilities in Pune, India. Please contact us for more information.

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Green Globes®

This product can apply to the Green Globes credits, as outlined below. 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 Processed or 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.

- **ADMAT1: Materials Specification - Major Building Elements – Recycled -** 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.
- **ADMAT5: Sustainability 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)**	Scratch-Resistant	Corrosion/Wear Resistant	Biodegradable	Rapidly Renewable	Recyclable
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.

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PROCESSES

F+S Facility Processes	Process Description	Vendor Facility Processes	Process Description
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.	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.
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 vendors 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 Polishing	Applied using polishing wheels with a buffing compound. Polishing produces a mirror-like finish and, depending on the material, may enhance corrosion resistance. For many of our products, initial polishing takes place at the vendor facility and final polishing takes place at our facility.
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 vendors facility or at F+S but usually not both.	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.
Metal Punching	A mechanical process where a die tool creates a hole in the material using velocity and pressure. This is an efficient alternative to laser cutting or water jet cutting when patterns to be placed into the material are small and numerous.		

PACKAGING MATERIALS

Material	Type	Description	Disposal
Foam	Sheets	Micro foam sheets are used to protect the finish on products.	Reuse
Polyethylene Covering	Sheets	Polyethylene material that is applied to the sheets to protect the finish on products.	Recycle
Wood	Crate	Wood crates are made to fit onsite. Wood scraps are recycled into mulch. Crates are reused when possible.	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.

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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.

DISPOSAL

Method	Description
Recyclable – Fully	All of the product components are recyclable.
Recycling - Scrap	Materials can be sold for scrap.

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SUMMARY – NO PATTERN

Category Type		Sandstone (High Durability Finish)	Seastone (High Durability Finish)	Linen (High Durability Finish)	Marquisette (High Durability Finish)	Diamond (High Durability Finish)	Mist	Ice	Mirror	Satin
Basic	Total Recycled Content	86%	86%	86%	86%	86%	67%	67%	67%	67%
Basic	Post Industrial Recycled Content	8%	8%	8%	8%	8%	67%	67%	67%	67%
Basic	Post Consumer Recycled Content	78%	78%	78%	78%	78%	0%	0%	0%	0%
LEED	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED	MR: Regional Materials	x	x	x	x	x	x	x	x	x
LEED India	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED India	MR: Local/Regional Materials	x	x	x	x	x	x	x	x	x
Green Globes	10.2.2.1 Recycled Content	x	x	x	x	x	x	x	x	x
Green Globes	10.2.4.1 Transportation of Manufactured Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT1: Major Bldg Elmts	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT5: Sustainable Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADWAS1: Reduction of Waste	x	x	x	x	x	x	x	x	x
Materials	Stainless Steel HD Finish	x	x	x	x	x				
Materials	Stainless Steel Sheet & Tube						x	x	x	x
Processes	Calendaring	x	x	x	x	x				
Processes	Eco-Etch									
Processes	Impression									
Processes	Metal Finishing						x	x		x
Processes	Metal Polishing								x	
Processes	Metal Punching									
Processes	Steel Making	x	x	x	x	x	x	x	x	x
Packaging	Foam Sheets	x	x	x	x	x	x	x	x	x
Packaging	Polyethylene Covering	x	x	x	x	x	x	x	x	x
Packaging	Crate Wood	x	x	x	x	x	x	x	x	x
Transport	Boat Overseas	x	x	x	x	x	x	x	x	x
Transport	Ground Truck/Rail	x	x	x	x	x	x	x	x	x
Maintenance & Use	Clean with Water & Mild Cleaner	x	x	x	x	x	x	x	x	x
Disposal	Recyclable Fully	x	x	x	x	x	x	x	x	x
Disposal	Recycling Scrap	x	x	x	x	x	x	x	x	x

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SUMMARY – IMPRESSION™ PATTERNS

Category Type		Sandstone (High Durability Finish)	Seastone (High Durability Finish)	Linen (High Durability Finish)	Marquisette (High Durability Finish)	Diamond (High Durability Finish)	Mist	Ice	Mirror	Satin
Basic	Total Recycled Content	86%	86%	86%	86%	86%	67%	67%	67%	67%
Basic	Post Industrial Recycled Content	8%	8%	8%	8%	8%	67%	67%	67%	67%
Basic	Post Consumer Recycled Content	78%	78%	78%	78%	78%	0%	0%	0%	0%
LEED	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED	MR: Regional Materials	x	x	x	x	x	x	x	x	x
LEED India	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED India	MR: Local/Regional Materials	x	x	x	x	x	x	x	x	x
Green Globes	10.2.2.1 Recycled Content	x	x	x	x	x	x	x	x	x
Green Globes	10.2.4.1 Transportation of Manufactured Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT1: Major Bldg Elmts	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT5: Sustainable Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADWAS1: Reduction of Waste	x	x	x	x	x	x	x	x	x
Materials	Stainless Steel HD Finish	x	x	x	x	x				
Materials	Stainless Steel Sheet & Tube						x	x	x	x
Processes	Calendaring	x	x	x	x	x				
Processes	Eco-Etch									
Processes	Impression	x	x	x	x	x	x	x	x	x
Processes	Metal Finishing						x	x		x
Processes	Metal Polishing								x	
Processes	Metal Punching									
Processes	Stainless Steel Making	x	x	x	x	x	x	x	x	x
Packaging	Foam Sheets	x	x	x	x	x	x	x	x	x
Packaging	Polyethylene Covering	x	x	x	x	x	x	x	x	x
Packaging	Crate Wood	x	x	x	x	x	x	x	x	x
Transport	Boat Overseas	x	x	x	x	x	x	x	x	x
Transport	Ground Truck/Rail	x	x	x	x	x	x	x	x	x
Maintenance & Use	Clean with Water & Mild Cleaner	x	x	x	x	x	x	x	x	x
Disposal	Recyclable Fully	x	x	x	x	x	x	x	x	x
Disposal	Recycling Scrap	x	x	x	x	x	x	x	x	x

Note: Please refer to the Stainless Steel Product Data Sheet for a list of standard finishes for each pattern

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SUMMARY – ECO-ETCH® PATTERNS

Category Type		Sandstone (High Durability Finish)	Seastone (High Durability Finish)	Linen (High Durability Finish)	Marquisette (High Durability Finish)	Diamond (High Durability Finish)	Mist	Ice	Mirror	Satin
Basic	Total Recycled Content	86%	86%	86%	86%	86%	67%	67%	67%	67%
Basic	Post Industrial Recycled Content	8%	8%	8%	8%	8%	67%	67%	67%	67%
Basic	Post Consumer Recycled Content	78%	78%	78%	78%	78%	0%	0%	0%	0%
LEED	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED	MR: Regional Materials	x	x	x	x	x	x	x	x	x
LEED India	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED India	MR: Local/Regional Materials	x	x	x	x	x	x	x	x	x
Green Globes	10.2.2.1 Recycled Content	x	x	x	x	x	x	x	x	x
Green Globes	10.2.4.1 Transportation of Manufactured Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT1: Major Bldg Elmts	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT5: Sustainable Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADWAS1: Reduction of Waste	x	x	x	x	x	x	x	x	x
Materials	Stainless Steel HD Finish	x	x	x	x	x				
Materials	Stainless Steel Sheet & Tube						x	x	x	x
Processes	Calendaring	x	x	x	x	x				
Processes	Eco-Etch	x	x	x	x	x	x	x	x	x
Processes	Impression									
Processes	Metal Finishing						x	x		x
Processes	Metal Polishing								x	
Processes	Metal Punching									
Processes	Stainless Steel Making	x	x	x	x	x	x	x	x	x
Packaging	Foam Sheets	x	x	x	x	x	x	x	x	x
Packaging	Polyethylene Covering	x	x	x	x	x	x	x	x	x
Packaging	Crate Wood	x	x	x	x	x	x	x	x	x
Transport	Boat Overseas	x	x	x	x	x	x	x	x	x
Transport	Ground Truck/Rail	x	x	x	x	x	x	x	x	x
Maintenance & Use	Clean with Water & Mild Cleaner	x	x	x	x	x	x	x	x	x
Disposal	Recyclable Fully	x	x	x	x	x	x	x	x	x
Disposal	Recycling Scrap	x	x	x	x	x	x	x	x	x

Note: Please refer to the Stainless Steel Product Data Sheet for a list of standard finishes for each pattern

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SUMMARY – FUSION™ PATTERNS

Category Type		Sandstone (High Durability Finish)	Seastone (High Durability Finish)	Linen (High Durability Finish)	Marquisette (High Durability Finish)	Diamond (High Durability Finish)	Mist	Ice	Mirror	Satin
Basic	Total Recycled Content	86%	86%	86%	86%	86%	67%	67%	67%	67%
Basic	Post Industrial Recycled Content	8%	8%	8%	8%	8%	67%	67%	67%	67%
Basic	Post Consumer Recycled Content	78%	78%	78%	78%	78%	0%	0%	0%	0%
LEED	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED	MR: Regional Materials	x	x	x	x	x	x	x	x	x
LEED India	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED India	MR: Local/Regional Materials	x	x	x	x	x	x	x	x	x
Green Globes	10.2.2.1 Recycled Content	x	x	x	x	x	x	x	x	x
Green Globes	10.2.4.1 Transportation of Manufactured Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT1: Major Bldg Elmts	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT5: Sustainable Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADWAS1: Reduction of Waste	x	x	x	x	x	x	x	x	x
Materials	Stainless Steel HD Finish	x	x	x	x	x				
Materials	Stainless Steel Sheet & Tube						x	x	x	x
Processes	Calendaring	x	x	x	x	x				
Processes	Eco-Etch	x	x	x	x	x	x	x	x	x
Processes	Impression	x	x	x	x	x	x	x	x	x
Processes	Metal Finishing						x	x		x
Processes	Metal Polishing								x	
Processes	Metal Punching									
Processes	Stainless Steel Making	x	x	x	x	x	x	x	x	x
Packaging	Foam Sheets	x	x	x	x	x	x	x	x	x
Packaging	Polyethylene Covering	x	x	x	x	x	x	x	x	x
Packaging	Crate Wood	x	x	x	x	x	x	x	x	x
Transport	Boat Overseas	x	x	x	x	x	x	x	x	x
Transport	Ground Truck/Rail	x	x	x	x	x	x	x	x	x
Maintenance & Use	Clean with Water & Mild Cleaner	x	x	x	x	x	x	x	x	x
Disposal	Recyclable Fully	x	x	x	x	x	x	x	x	x
Disposal	Recycling Scrap	x	x	x	x	x	x	x	x	x

Note: Please refer to the Stainless Steel Product Data Sheet for a list of standard finishes for each pattern

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SUMMARY – SCREEN PATTERNS (with Eco-Etch)

Category Type		Sandstone (High Durability Finish)	Seastone (High Durability Finish)	Linen (High Durability Finish)	Marquisette (High Durability Finish)	Diamond (High Durability Finish)	Mist	Ice	Mirror	Satin
Basic	Total Recycled Content	86%	86%	86%	86%	86%	67%	67%	67%	67%
Basic	Post Industrial Recycled Content	8%	8%	8%	8%	8%	67%	67%	67%	67%
Basic	Post Consumer Recycled Content	78%	78%	78%	78%	78%	0%	0%	0%	0%
LEED	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED	MR: Regional Materials	x	x	x	x	x	x	x	x	x
LEED India	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED India	MR: Local/Regional Materials	x	x	x	x	x	x	x	x	x
Green Globes	10.2.2.1 Recycled Content	x	x	x	x	x	x	x	x	x
Green Globes	10.2.4.1 Transportation of Manufactured Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT1: Major Bldg Elmts	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT5: Sustainable Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADWAS1: Reduction of Waste	x	x	x	x	x	x	x	x	x
Materials	Stainless Steel HD Finish	x	x	x	x	x				
Materials	Stainless Steel Sheet & Tube						x	x	x	x
Processes	Calendaring	x	x	x	x	x				
Processes	Eco-Etch	x	x	x	x	x	x	x	x	x
Processes	Impression	x	x	x	x	x	x	x	x	x
Processes	Metal Finishing						x	x		x
Processes	Metal Polishing								x	
Processes	Metal Punching									
Processes	Stainless Steel Making	x	x	x	x	x	x	x	x	x
Packaging	Foam Sheets	x	x	x	x	x	x	x	x	x
Packaging	Polyethylene Covering	x	x	x	x	x	x	x	x	x
Packaging	Crate Wood	x	x	x	x	x	x	x	x	x
Transport	Boat Overseas	x	x	x	x	x	x	x	x	x
Transport	Ground Truck/Rail	x	x	x	x	x	x	x	x	x
Maintenance & Use	Clean with Water & Mild Cleaner	x	x	x	x	x	x	x	x	x
Disposal	Recyclable Fully	x	x	x	x	x	x	x	x	x
Disposal	Recycling Scrap	x	x	x	x	x	x	x	x	x

Note: Please refer to the Stainless Steel Product Data Sheet for a list of standard finishes for each pattern. The Metal Punching process is used for all screen patterns with the exception of Lotus, which is Laser Cut.

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SUMMARY – SCREEN PATTERNS (without Eco-Etch)

Category Type		Sandstone (High Durability Finish)	Seastone (High Durability Finish)	Linen (High Durability Finish)	Marquisette (High Durability Finish)	Diamond (High Durability Finish)	Mist	Ice	Mirror	Satin
Basic	Total Recycled Content	86%	86%	86%	86%	86%	67%	67%	67%	67%
Basic	Post Industrial Recycled Content	8%	8%	8%	8%	8%	67%	67%	67%	67%
Basic	Post Consumer Recycled Content	78%	78%	78%	78%	78%	0%	0%	0%	0%
LEED	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED	MR: Regional Materials	x	x	x	x	x	x	x	x	x
LEED India	MR: Recycled Content	x	x	x	x	x	x	x	x	x
LEED India	MR: Local/Regional Materials	x	x	x	x	x	x	x	x	x
Green Globes	10.2.2.1 Recycled Content	x	x	x	x	x	x	x	x	x
Green Globes	10.2.4.1 Transportation of Manufactured Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT1: Major Bldg Elmts	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADMAT5: Sustainable Matls	x	x	x	x	x	x	x	x	x
ESTIDAMA	ADWAS1: Reduction of Waste	x	x	x	x	x	x	x	x	x
Materials	Stainless Steel HD Finish	x	x	x	x	x				
Materials	Stainless Steel Sheet & Tube						x	x	x	x
Processes	Calendaring	x	x	x	x	x				
Processes	Eco-Etch									
Processes	Impression	x	x	x	x	x	x	x	x	x
Processes	Metal Finishing						x	x		x
Processes	Metal Polishing								x	
Processes	Metal Punching									
Processes	Stainless Steel Making	x	x	x	x	x	x	x	x	x
Packaging	Foam Sheets	x	x	x	x	x	x	x	x	x
Packaging	Polyethylene Covering	x	x	x	x	x	x	x	x	x
Packaging	Crate Wood	x	x	x	x	x	x	x	x	x
Transport	Boat Overseas	x	x	x	x	x	x	x	x	x
Transport	Ground Truck/Rail	x	x	x	x	x	x	x	x	x
Maintenance & Use	Clean with Water & Mild Cleaner	x	x	x	x	x	x	x	x	x
Disposal	Recyclable Fully	x	x	x	x	x	x	x	x	x
Disposal	Recycling Scrap	x	x	x	x	x	x	x	x	x

Note: Please refer to the Stainless Steel Product Data Sheet for a list of standard finishes for each pattern. The Metal Punching process is used for all screen patterns with the exception of Lotus, which is Laser Cut.

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