

Architectural Metal Elevator Door Skins are the perfect way to carry a design theme across a project, from cab interior to cab exterior and beyond. Included within this group are door skins for elevator car doors and hoistway doors. Elevator car doors are an integral part of the cab itself and move along with it. Hoistway doors are the exterior doors located between an elevator shaft or hoistway and the floor landing; they're only visible from outside the elevator cab on each floor. When the cab reaches its destination, both the elevator car door and hoistway doors open simultaneously.

Architectural Metal Elevator Door Skins are available for both elevator car doors and hoistway doors. Both may be specified in a wide range of F+S metals and finishes that provide maximum design versatility while meeting the aesthetic and performance needs of any environment.

STANDARD MATERIAL OPTIONS

STAINLESS STEEL	FUSED METAL
Stainless Steel in all of our standard finishes can be specified for Elevator Door Skins. A variety of optional patterns, applied to the stainless steel/finish combination, can also be specified for added visual interest and enhanced functionality. Please refer to the Stainless Steel Product Data Sheet for finish and pattern swatches and additional information.	Fused Metal is Forms+Surfaces' exclusive line of colored stainless steel. Created by fusing titanium alloys to the stainless substrate at the molecular level, Fused Metal provides the durability and low maintenance of stainless steel in a rich range of colors. Please refer to the Fused Metal Product Data Sheet for color, finish, and pattern swatches and additional information.

PATTERN OPTIONS

Patterns are optional applied designs that add visual interest and expanded customization potential to elevator door skins. From a functional standpoint, patterns pick up where metals and finishes leave off. Depending on the material, design and application, patterns can be applied as single-tool embossures, full-sheet pressings or as etched designs using our environmentally responsible Eco-Etch physical etching process. See pages 2-3 for complete pattern details.

	CLASSIC (NO PATTERN)	IMPRESSION PATTERNS	ECO-ETCH PATTERNS
STAINLESS STEEL	•	•	•
FUSED METAL	•	•	•

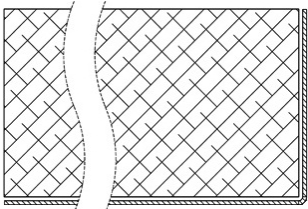
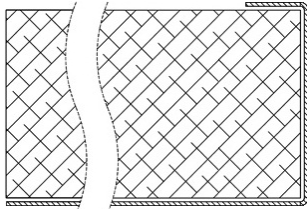
DOOR SKIN SIZES

Elevator Door Skins are available for the standard overall clear opening sizes shown below:

ELEVATOR CLEAR OPENING DIMENSIONS			MATERIAL THICKNESS
3'0" x 7'0"	3'6" x 7'0"	4'0" x 7'0"	Architectural Metal Elevator Door Skins have an overall thickness of 0.125" or less. Stainless Steel and Fused Metal materials start with a base sheet thickness of 0.8mm (0.032"). Impression patterns increase the thickness up to the maximum 0.125". It is the specifier's responsibility to determine if the desired material and pattern combination is suitable for a particular application in terms of both clearance and local code compliance.
3'0" x 8'0"	3'6" x 8'0"	4'0" x 8'0"	
3'0" x 9'0"	3'6" x 10'0"		
Custom sizes are available by special order. For some configurations, pattern placement and layout restrictions may apply. Please call to confirm available sizes for your particular configuration. Single-speed side-opening doors are limited to a maximum door skin sheet width of 48" including returns.			

EDGES AND RETURNS

Architectural Metal Elevator Door Skins are designed to serve as both door face and edge detail. Metal faces can be specified with an "L" shaped return or with a "J" shape that returns around the back side of the door. Please call to discuss design and dimensional considerations for door edges and returns.

"L" SHAPED RETURN	"J" SHAPED RETURN
	

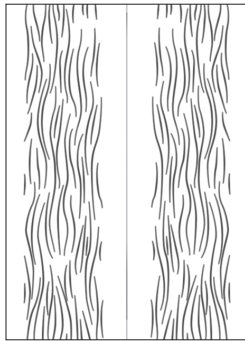
IMPRESSION PATTERNS

Impression patterns add dimensional enhancement, a tactile feel, and can help conceal surface blemishes routinely acquired in daily use. Our manufacturing capabilities include large-scale stamping equipment that can apply unique, full-press patterns across an entire elevator door face using a single tool. The result is a series of beautiful, high-relief door designs that add visual impact to the settings in which they're installed.

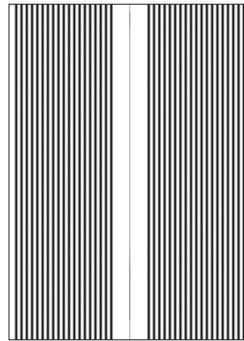
Impression patterns made up of embossed geometric shapes are also an option for elevator door skins. Four standard shapes – Circle, Square, Teardrop and Tech – can be specified in the patterns shown below, or they can be used to create custom pattern variations.

All standard and custom Impression patterns are available in Stainless Steel, Fused Bronze, Fused Graphite, Fused Nickel Bronze, Fused Nickel Silver, and Fused White Gold with Sandstone, Seastone, Linen, Diamond, Satin or Mirror finish.

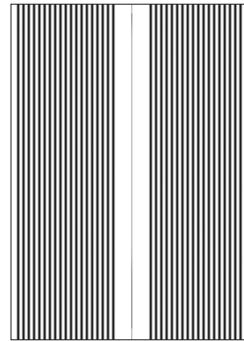
FULL-SHEET IMPRESSION PATTERNS



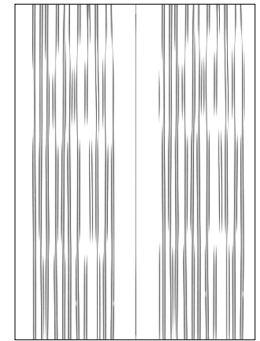
CHAMPAGNE
PRE101H



DALLAS
PRE102H

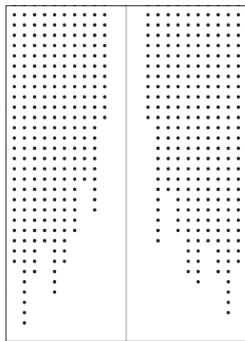


DENVER
PRE106H

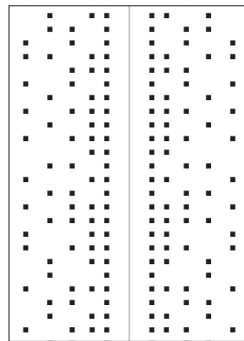


KALAHARI
PRE103H

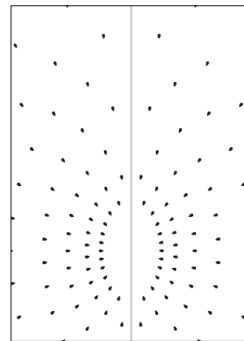
EMBOSSED GEOMETRIC SHAPE PATTERNS



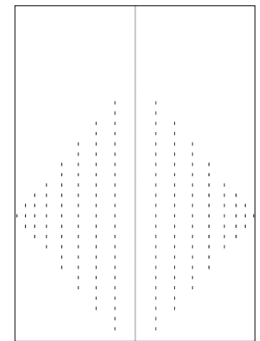
CIRCLE
EMB401H



SQUARE
EMB402H



TEARDROP
EMB403H



TECH
EMB404H

ECO-ETCH® PATTERNS

Beautiful etched designs are applied to Stainless Steel and Fused Metal Elevator Door Skins using our advanced photolithographic bead-blasting system instead of acids or other harmful chemicals. Advantages of our Eco-Etch process include:

SIZE	SPEED	CONSISTENCY	ECOLOGICALLY RESPONSIBLE
The largest physical etching system in North America, our equipment can handle materials up to 2 m x 6 m. Standard sheet sizes of 48" x 96" and 48" x 120" and standard sheet thicknesses of 0.8 mm and 1.5 mm are available.	The physical etching process can be completed in a fraction of the time required for traditional chemical etching.	Our proprietary computer-controlled system ensures an even blast pressure and a consistent finish, even on the largest surfaces.	Because our Eco-Etch is physically applied, it does not require etching acid or other harmful chemicals and no toxic waste is generated. The beads used in the process are contained within a closed chamber; used beads are recycled and returned to the process for reuse.

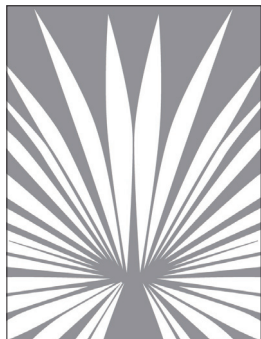
PATTERN & MATERIAL OPTIONS

Eco-Etch is available for Elevator Door Skins in a wide range of overall and full door patterns. All Eco-Etch patterns are available in Stainless Steel, Fused Bronze, Fused Graphite, Fused Nickel Bronze, Fused Nickel Silver and Fused White Gold with Seastone, Satin or Mirror finish.

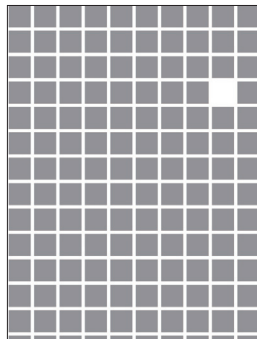
To see swatches of overall patterns and for more detailed information, refer to our Stainless Steel and Fused Metal Product Data Sheets.

FULL DOOR ECO-ETCH PATTERNS

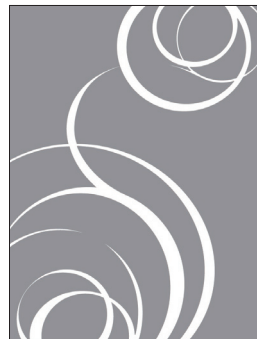
Full door Eco-Etch patterns are optimized for door face applications. Standard options are shown below at an overall size of 4' x 10'; some pattern cropping may occur due to the actual size of the elevator door skins specified.



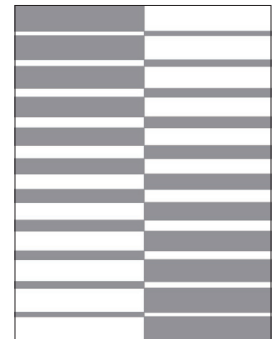
ECO202H



ECO204H



ECO205H



ECO208H

CUSTOM ECO-ETCH PATTERNS

Please note that our standard Eco-Etch patterns are only a starting point. The flexibility and speed of our Eco-Etch system allow for a wealth of design options with customer-supplied graphics, logos, or branding elements, or artwork developed by Forms+Surfaces.

INSTALLATION

Standard contact adhesive should be used for non-relief materials, while epoxy resin should be considered for high-relief patterned skins. All laminating should be performed using appropriate pressure and time considerations. Forms+Surfaces assumes no responsibility or liability for the efficacy of any third party's laminating procedures. Forms+Surfaces recommends the use of contact adhesives and epoxy resins that meet or exceed the following general performance criteria:

	T-PEEL STRENGTH	SHEAR STRENGTH
CONTACT ADHESIVE	20-25 pli	1100 psi
EPOXY RESIN	20-25 pli	2750 psi

Note: Data assumes a seven-day cure at 75° F.

MAINTENANCE & FIRE RATING

MAINTENANCE	FIRE RATING
Fingerprints and smudges can be removed using a non-chlorinated spray cleaner/degreaser such as Simple Green® and a microfiber cloth. Do not use harsh abrasives, acids or chlorine-based cleaners or cleaning tools containing carbon steel such as steel wool or wire brushes.	Stainless Steel, Fused Metal are inherently non-combustible and generally considered to be NFPA and IBC Class A fire rated and UBC Class 1 fire rated.

CUSTOM PATTERNS

As the international leader in high-quality stainless steel, Forms+Surfaces is always willing to consider custom pattern variations and modifications to meet specific project needs. Please contact us to discuss your requirements.

TECHNICAL SUPPORT & PROJECT MANAGEMENT

Because each project is unique, our knowledgeable support team is ready to help. Our technical sales, engineering, sustainability, and project management professionals regularly assist our clients worldwide. Please contact us at 800.451.0410 or sales@forms-surfaces.com to discuss your project.

HOW TO SPECIFY

Design Guides are available to lead you through the specification process in a simple, checkbox format. The Design Guide captures all the information needed to generate a quote: dimensions, finishes, and other options. To get started, just give us a call or visit us at www.forms-surfaces.com.