Stainless Steel & Fused Metal Elevator Door Skins are the perfect way to carry a design theme across an installation, from cab interior to cab exterior and beyond. Included within this group are door skins for elevator car doors and hoistway doors. Both draw on our extensive palette of options and may be specified in a wide range of materials and finishes selected to provide maximum design versatility while meeting the aesthetic and performance needs of any environment.

Stainless Steel & Fused Metal Elevator Door Skins are available for both 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 are only visible from outside the elevator cab on each floor. When the cab reaches its destination, both the elevator car door and the hoistway doors open simultaneously.

**MATERIAL DESCRIPTION**

<table>
<thead>
<tr>
<th>MATERIALS</th>
<th>FINISHES</th>
<th>PATTERNS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless Steel</td>
<td>Stainless Steel &amp; Fused Metal Elevator Door</td>
<td>Patterns are 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 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.</td>
</tr>
<tr>
<td></td>
<td>Skins may be specified in a rich variety of distinctive finishes. High-durability options—such as our exclusive Sandstone, Seastone, Silk and Linen finishes—create a work-hardened surface that provides even greater resistance to abrasion and wear.</td>
<td></td>
</tr>
<tr>
<td>Fused Metal®</td>
<td>Stainless Steel and Fused Metal door skins</td>
<td></td>
</tr>
<tr>
<td></td>
<td>have an overall thickness of .125&quot; or less. Stainless Steel and Fused Metal materials start with a base sheet thickness of .8mm (.032&quot;), Impression patterns increase the thickness up to the maximum .125&quot;. 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.</td>
<td></td>
</tr>
</tbody>
</table>

**DOOR SKIN SIZES**

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

<table>
<thead>
<tr>
<th>SIZE OPTIONS</th>
<th>MATERIAL THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'0&quot; x 7'0&quot;</td>
<td>3'0&quot; x 8'0&quot;</td>
</tr>
<tr>
<td>3'6&quot; x 7'0&quot;</td>
<td>3'6&quot; x 8'0&quot;</td>
</tr>
<tr>
<td>4'0&quot; x 7'0&quot;</td>
<td>4'0&quot; x 8'0&quot;</td>
</tr>
</tbody>
</table>

- 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**

Stainless Steel & Fused 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.
STAINLESS STEEL & FUSED METAL® ELEVATOR DOOR SKINS

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:

<table>
<thead>
<tr>
<th></th>
<th>T-PEEL STRENGTH</th>
<th>SHEAR STRENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>CONTACT ADHESIVE</td>
<td>20-25 pli</td>
<td>1100 psi</td>
</tr>
<tr>
<td>EPOXY RESIN</td>
<td>20-25 pli</td>
<td>2750 psi</td>
</tr>
</tbody>
</table>

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

MAINTENANCE & FIRE RATING

MAINTENANCE
Fingerprints and smudges can be removed using a non-chlorinated spray cleaner/detergent 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.

FIRE RATING
Stainless Steel and Fused Metal are NFPA and IBC class A fire rated and UBC class 1 fire rated.

RELATED PRODUCTS

<table>
<thead>
<tr>
<th>ELEVATOR SURROUNDS</th>
<th>ELEVATOR INTERIORS</th>
<th>BONDED METAL ELEVATOR DOOR SKINS</th>
<th>ARCHITECTURAL ACCENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elevator surrounds and frames are available in a variety of materials and finishes to coordinate with your elevator door skins. Please give us a call for details on how to specify elevator surrounds.</td>
<td>Our LEVELc and LEVELe® Elevator Interiors are a cost effective alternative to custom cabs. Ideal for new equipment or modernization projects, each cab interior package includes everything needed for quick and cost-efficient installation: wall panels, handrails, trim pieces, light fixtures and ceiling.</td>
<td>Elevator car and hoistway door skins are also available in Forms+Surfaces’ exclusive Bonded Metal. Bonded Metal is the product of a unique technology that casts metal granules in a tough, FRP matrix. The result is lightweight but extremely durable castings with the character and appearance of solid metal.</td>
<td>Stainless Steel &amp; Fused Metal sheet goods to match or complement your elevator door skins and elevator interiors are also available for frames, headers, jambs, returns, lobby walls and other areas.</td>
</tr>
</tbody>
</table>
STAINLESS STEEL & FUSED METAL® ELEVATOR DOOR SKINS

IMPRESSION ELEVATOR DOOR SKINS

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.

For expanded design reach, some of our full-press patterns are also produced in Bonded Metal, a versatile composite exclusive to F+S. Some can likewise be specified for other products that use our Stainless Steel and Fused Metal, including doors, elevator interiors, wall panels and column covers.

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 Impression patterns add dimensional enhancement, a tactile feel, and can help conceal surface blemishes routinely acquired in daily use.

IMPRESSION PATTERNS

- CHAMPAGNE
  PRE101H
  CIRCLE EMBossures
  EMB401H

- DALLAS
  PRE102H
  SQUARE EMBossures
  EMB402H

- DENVER
  PRE106H
  TEARDROP EMBossures
  EMB403H

- KALAHARI
  PRE103H
  TECH EMBossures
  EMB404H
ECO-ETCH® ELEVATOR DOOR SKINS

Beautiful etched designs are applied to Stainless Steel & 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:

<table>
<thead>
<tr>
<th>SIZE</th>
<th>SPEED</th>
<th>CONSISTENCY</th>
<th>ECOLOGICALLY RESPONSIBLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>The largest physical etching system in North America, our equipment can handle materials up to two meters wide by six meters long.</td>
<td>The physical etching process can be completed in a fraction of the time required for traditional chemical etching.</td>
<td>Our proprietary computer-controlled system ensures an even blast pressure and a consistent finish, even on the largest surfaces.</td>
<td>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.</td>
</tr>
</tbody>
</table>

All standard and custom Eco-Etch patterns are available in Stainless Steel, Fused Bronze, Fused Graphite, Fused Nickel Silver and Fused White Gold with Seastone, Satin or Mirror finish.

STANDARD PATTERNS

Several standard full door and allover Eco-Etch patterns are available for specification. Please see the Stainless Steel and Fused Metal Product Data Sheets for more detailed information. Full door patterns are shown below at an overall size of 4’ x 10’; some pattern cropping may occur due to the actual size of specified doors.

FULL DOOR ECO-ETCH PATTERNS
ALLOVER ECO-ETCH PATTERNS

CITY LIGHTS  CURRENT  DASH  FLICKER

GLACIER  MICA  REEDS  SEAGRASS

SEQUENCE  SILKWORM  STRIPE  STACKS

THATCH  TRACE

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 for Stainless Steel & Fused Metal Elevator Door Skins 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.