

Section 14 27 00
Custom Elevator Cab Interior System

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Pre-engineered elevator interior system including rear and side wall panels, handrail, bases, ceiling and lighting. Elevator interior system comes ready to install with factory fabricated welded assemblies, and other materials required for a complete assembly.
- B. Related Sections:
 - 1. Section 09 77 00 - Special Wall Surfaces
 - 2. Section 05 75 00 - Decorative Formed Metal
 - 3. Division 16- Electrical. General requirements for electrical and lighting specified in this Section.

1.2 References

- A. ASTM E84 - Surface Burning Characteristics of Building Materials.
- B. ASME A17.1 - Safety Code for Elevators and Escalators.

1.3 Submittals

- A. Provide submittals in accordance with Section 01 30 50 and Section 14 21 23- Submittal Procedures.
- B. Submit manufacturer's shop drawings, installation drawings, installation instructions and maintenance instructions.
- C. Submit environmental impact data for all materials.
- D. Submit samples no less than 4" x 4" for all specified material finishes.
- E. Submit panel edge extrusion samples no less than 4" of specified finish.
- F. Manufacturer information:
 - 1. Provide overview literature describing manufacturer's overall scope of products and manufacturing capabilities.
 - 2. Provide URL for manufacturer's web site; web site must provide access to technical data, images and general product information.

1.4 Quality Assurance

- A. Manufacturer Qualifications
 - 1. Minimum 10 years experience in the manufacture of architectural surface materials.

1.5 Delivery, Storage and Handling

- A. Deliver materials to installation site in manufacturer's original packaging. Handle products in accordance with manufacturer's instructions. Store in dry, secure location, protected against direct sunlight and excessive heat. Protect finished surfaces with strippable film.

1.6 Warranty

- A. Provide manufacturer's standard warranty
 - 1. Warranty terms: one year against defects in materials and workmanship.

PART 2 PRODUCT

2.1 Manufacturer

- A. **FRY REGLET**
1377 STONEFIELD COURT
ALPHARETTA, GA 30004
PHONE: 855-379-7729
WEBSITE: WWW.FRYREGLET.COM

- B. Local Representative Contact

(Name)
(Firm)
(Office/Mobile Phone)
(e-mail address)

2.2 Elevator Rear and Side Wall Panels

- A. General-Aluminum framing components to be factory mitered and welded to form subassemblies of a 2-way, 3-way and 4-way intersections, inside corners and custom intersections as detailed in manufacturer's shop drawings. Framing system shall be capable of providing a (indicate the reveal of your choice from the following selection)

- **Single Fin (fine line)****
****Shadow Fin**** (some material restrictions)
****Butt Reveal Joint**** (vertical only)
****Custom Extrusion****

reveal joint with an anodized aluminum exposed element bordering each panel horizontally, vertically or in both directions in accordance with Architectural drawings. All other details, including base, head, corners, intersections etc. shall be fabricated in accordance with the Architectural drawings.

- B. System Depth-

Choose from the following

- **3/4**** (excludes wood and plastic laminate finishes)
****1 1/4"**

- B. **Finishes-**

****Standard anodized finish Architectural 200R1 medium etch (AA-M32c10A21), clear anodized color****
or

****Factory powder paint****

or

****Bright Dip "Chrome" finish****

C. Infill Panel Substrates

¾" FR medium density fiberboard (MDF), 48# density, minimum internal bond strength of 120# SI. Class A.

¾" FR particleboard, 47-50# density, internal bond strength of 80# PSI. Class A.

SELECT PANEL TYPE AND FINISH FROM THE FOLLOWING:

**** Wood veneer **:** Architectural grade quarter cut veneer (.035" thick) applied to the substrate via cold press with balancing backer sheet. Select from the following veneers:

- ** Cherry **
- ** Red Oak **
- ** Maple **
- ** Walnut **
- ** Bamboo **
- ** Custom veneer as specified **

**** Brushed Metal **:** Stainless steel: Type 304. Select from the following finishes:

- ** Brushed **
- ** Abstract **
- ** Strands **
- ** Maze **
- ** Beads **
- ** Rose **
- ** Unity **
- ** Custom finish as specified **

**** Painted Metal **:** Commercial grade galvanealed steel. Select from the following finishes:

- ** Enamel **
- ** Powder Paint **
- ** Custom finish as specified **

Aluminum: Type 3003 H14 alloy. Select from the following finishes:

- ** Satin **
- ** Clear anodized **
- ** Enamel **
- ** Powder Paint **
- ** Custom finish as specified **

**** Dimensional Metal **:** 20 gage Galvanealed steel panels with folded edges and welded corners. Select from the following profiles:

- ** Wedge **

- ** Bias **
- ** Diagonal Peak **
- ** Diagonal Valley **
- ** Dimple **
- ** Custom profile as specified **

Select from the following finishes:

- ** Enamel **
- ** Powder Paint **
- ** Custom finish as specified **

**** Plastic Laminate ** (specify manufacturer & finish):** Plastic laminate applied to a 3/4" substrate via cold press with balancing backer sheet.

**** Metal Laminate ** (specify manufacturer & finish):** Metal laminate over 1/16" phenolic backer, applied to a 3/4" substrate via cold press with balancing backer sheet.

**** Sublimated Digital Image **:** Lambda digital printing mounted second surface behind 1/4" clear acrylic panels. Imagery from "production r art files.

**** Laminated Glass ** (specify manufacturer & finish):** 5/16" thick, back-painted, low iron, tempered glass panels with polished edges.

**** Digital Graphic Glass ** (specify manufacturer & finish):** 1/4" thick, low iron, tempered glass panels with polished edges.

**** Solid polymer ** (specify manufacturer & finish):** Glycol modified engineered polyester resin, 1/4" thick, opaque panels.

**** Phenolic Compact Laminate panels ** (specify manufacturer & finish):** 3/8" thick phenolic panels.