

SECTION 05 58 13

COLUMN COVERS

Part 1 GENERAL

1.1 Summary

- A. Section Includes: Pre-engineered column system including column panels, mounting extrusions, bases and frame. Column system comes "ready to install" with fasteners, adhesives, and other materials required for a complete assembly. Fasteners shall be concealed type.
- B. Related Sections:
 - 1. Section 09 70 00 Wall Finishes

1.2 References

- A. ASTM E84 – Surface Burning Characteristics of Building Materials.

1.3 Submittals

- A. Provide submittals in accordance with Section 01 30 50 – 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. Submit mock-up of column system no less than 12" x 12".
- G. Manufacturer information:
 - 1. Provide overview literature describing manufacturer's overall scope of products and manufacturing capabilities.
 - 2. Provide URL for manufacturer's website; website 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.
 - 2. Minimum 10 years experience in the fabrication of column systems.
 - 3. Provide reference list of at least 20 public space projects currently using columns fabricated by the manufacturer.
- B. Installer Qualifications
 - 1. Minimum three years experience in the installation of column systems.

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. Provide LEVELe Column System by
Forms+Surfaces
30 Pine Street
Pittsburgh, PA 15223
phone: 800-451-0410
fax: 412-781-7840
email: sales@forms-surfaces.com

2.2 Column Panels

- A. General
 - 1. Provide interlocking grid panel system with inset panels mounted to extruded aluminum frames on structural backer.
 - 2. Panel configuration: Forms+Surfaces' LEVELe Column System with Minimal style panel frames. See drawings for panel layout and reveal spacing.
 - 3. Provide inset panels in the finishes specified.
 - 4. Weight per square foot: average 2.40 lbs to 3.04 lbs
 - 5. Frames are extruded aluminum. Aluminum is inherently non-combustible.
- B. Inset Materials
 - 1. Stainless Steel Panels
 - a. Material: Stainless Steel.
 - b. Finish: Sandstone, Seastone, Linen, Diamond, Mist, Mirror, Satin (choose one)
 - c. Impression: Champagne, Chardonnay, Dallas, Denver, Dune, Kalahari (choose one)
 - d. Eco-Etch: City Lights, Current, Dash, Flicker, Glacier, Mica, Reeds, Seagrass, Sequence, Silkworm, Stacks, Stripe, Thatch, Trace (choose one)
 - e. Fusion: Carbon, Cinch, Mesa, Moraine (choose one)
 - f. Fire rating: Stainless Steel is inherently non-combustible and generally considered to be NFPA and IBC Class A fire rated and UBC Class 1 fire rated.
 - g. Substrate: fire-rated structural backer.

2. Fused Metal Panels

- a. Material: Fused Bronze, Fused Graphite, Fused Nickel Bronze, Fused Nickel Silver, Fused White Gold (choose one)
- b. Finish: Sandstone, Seastone, Linen, Diamond, Mirror, Satin (choose one)
- c. Impression: Champagne, Chardonnay, Dallas, Denver, Dune, Kalahari (choose one)
- d. Eco-Etch: City Lights, Current, Dash, Flicker, Glacier, Mica, Reeds, Seagrass, Sequence, Silkworm, Stacks, Stripe, Thatch, Trace (choose one)
- e. Fusion: Carbon, Cinch, Mesa, Moraine (choose one)
- f. Fire rating: Architectural Metals are inherently non-combustible and generally considered to be NFPA and IBC Class A fire rated and UBC Class 1 fire rated.
- g. Substrate: fire-rated structural backer.

3. Elemental Metal Panels

- a. Material: Elemental Carbon
- b. Finish: Ice
- c. Fire rating: Elemental Metal is inherently non-combustible and generally considered to be NFPA and IBC Class A fire rated and UBC Class 1 fire rated.

4. Bonded Metal Panels

- a. Material: Bonded Aluminum, Bonded Bronze, Bonded Nickel Silver (choose one)
- b. Pattern: Austin, Charleston, Delta, Dash, Glint, Grass, Herringbone, Loft, Rain, Sahara, Talus, Terrane, Tilt, Trevia, Undercurrent, Vancouver (choose one)
- c. Patina: Natural or Dark (choose one)
- d. Fire rating: NFP and IBC Class B fire rated and UBC class 2 fire rated
- e. Substrate: structural backer.

5. Bonded Quartz Panels

- a. Material: Bonded White, Bonded Charcoal (choose one).
- b. Pattern: Current, Dash, Glint, Grass, Loft, Sahara, Tilt, Trevia (choose one)
- c. Fire rating: NFP and IBC Class C fire rated and UBC class 3 fire rated
- d. Substrate: structural backer.

6. Laminated Glass Panels

- a. Material: VividGlass: ViviChrome Chromis, ViviChrome Scribe, ViviGraphix Graphica, ViviSpectra Elements, ViviSpectra Spectrum, ViviSpectra VEKTR, ViviSpectra Zoom, ViviStone Abalone Onyx, ViviStone Cream Onyx, ViviStone Honey Onyx, ViviStone Opal Onyx, ViviStone Pearl Onyx, ViviStone White Onyx, ViviStrata Layers, ViviTela Mesh (choose one)
- b. Fire rating: VividGlass glass is Class A fire rated in accordance with ASTM designation E84-09, standard test method of surface burning characteristics of building materials. The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

7. Wood Veneer Panels

- a. Material: American Cherry, American Cherry with Dark Mahogany Stain, American Walnut, Bamboo, White Birch, Australian Lacewood, Birdseye Maple, Walnut Burl, Wenge (choose one)

C. Base

- 1. Material: Stainless Steel, Fused Bronze, Fused Graphite, Fused Nickel Bronze, Fused Nickel Silver, Fused White Gold (choose one)
- 2. Finish: Sandstone, Seastone, Linen, Diamond, Mirror, Satin (choose one)

D. Panel Frames and Outside Corner Extrusion

- 1. Material: Extruded, anodized aluminum
- 2. Finish: Clear, Black or Antique Bronze anodized (choose one)

E. Reveals

- 1. Material: Surface applied colored reveal strip
- 2. Finish: Black

Part 3 EXECUTION

3.1 Preparation

- A. Protect column finishes, fixtures and equipment from damage caused by work of this Section.

3.2 Installation

- A. Install in accordance with column system manufacturer's instructions.

3.3 Cleaning and Protection

- A. Remove strippable film. Clean exposed surfaces in accordance with manufacturer's instructions.
- B. Protect exposed surfaces from damage by subsequent construction.