

SECTION 05 70 10

DECORATIVE STAINLESS STEEL FACING MATERIAL

Part 1 GENERAL

1.1 Summary

- A. Section Includes: Decorative stainless steel facing material.

1.2 References

- A. ASTM A 480/A 480M - Specification for General Requirements for Flat-Rolled Stainless and Heat-Resisting Steel Plate, Sheet, and Strip.
- B. ASTM E 527 - Practice for Numbering Metals and Alloys (UNS).

1.3 Submittals

- A. Submit samples no less than 4" x 4" of decorative stainless steel face material in finish specified.
- B. 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.
 - 3. Provide manufacturer's toll-free telephone number for product support.

1.4 Quality Assurance

A. Manufacturer Qualifications

- 1. Minimum 10 years experience in the manufacture of stainless steel sheet goods and fabricated products.
- 2. Provide reference list of at least 10 public space projects currently using decorative stainless steel facing materials produced by the manufacturer in the finish specified.
- 3. Member, United States Green Building Council (USGBC).

1.5 Delivery, Storage and Handling

- A. Deliver material to installation site in manufacturer's original packaging. Store in a flat, horizontal position. Protect material against abrasion and impacts. Do not stack other materials or equipment on top of stainless steel sheets.
- B. Handle sheets carefully to avoid kinking.
- C. When practical, leave strippable films in place until installation is completed.

Part 2 PRODUCT

2.1 Acceptable Manufacturer

- A. Provide Stainless Steel with Sandstone finish by Forms+Surfaces, 30 Pine St., Pittsburgh, PA 15223, www.forms-surfaces.com.
- B. Substitutions: not acceptable.

2.2 Stainless Steel

- A. Material: Stainless Steel.
- B. Finish: Forms+Surfaces Sandstone, Seastone, Linen, Diamond, Mist, Satin, Silk (choose one)
- C. Impression: Forms+Surfaces Champagne, Chardonnay, Dallas, Denver, Dune, Kalahari (choose one)
- D. Eco-Etch: Forms+Surfaces City Lights, Current, Dash, Flicker, Glacier, Mica, Reeds, Seagrass, Sequence, Silkworm, Stacks, Stripe, Thatch, Trace (choose one)
- E. Fusion: Forms+Surfaces 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. Treatment: Provide Ceramiloc™ treatment, an invisible, protective treatment that significantly increases the fingerprint resistance and maintenance ease of stainless steel. Patented technology molecularly bonds nano-silica particles to the surface of stainless steel.

Part 3 EXECUTION

3.1 Examination

- A. Inspect material to ensure that no damage has occurred prior to installation.

3.2 Preparation

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

3.3 Installation

- A. Install material according to architect's drawings.
- B. Ensure that installation complies with all applicable local building codes.

3.4 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.