

## **SECTION 05 70 10**

### **DECORATIVE FUSED METAL 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 Fused Metal by Forms+Surfaces, 30 Pine St., Pittsburgh, PA 15223, [www.forms-surfaces.com](http://www.forms-surfaces.com).
- B. Substitutions: not acceptable.

### 2.2 Fused Metal

- A. Material: Fused Bronze, Fused Graphite, Fused Nickel Bronze, Fused Nickel Silver, Fused White Gold (choose one)
- B. Finish: Forms+Surfaces Sandstone, Seastone, Linen, Diamond, Satin, Mirror (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: 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. 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.