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
   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
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.