

## **SECTION 05 70 00 DECORATIVE METAL**

### **Part 1 GENERAL**

#### 1.1 Summary

- A. Section Includes: Decorative woven metal facing material.

#### 1.2 References

- A. ASTM E2016-11 Standard Specification for Industrial Woven Wire Cloth

#### 1.3 Submittals

- A. Provide submittals in accordance with Section 01 33 00 Submittal Procedures
- B. Submit samples no less than 5.5" x 5.5" of decorative woven metal face material in material specified.
- C. 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.
  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 and brass woven metal and fabricated products.
  2. Provide reference list of at least 10 public space projects currently using decorative woven metal facing materials produced by the manufacturer in the finish specified.

#### 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 Linq Woven Metal by Forms+Surfaces, 30 Pine Street, Pittsburgh, PA 15223, [www.forms-surfaces.com](http://www.forms-surfaces.com).
- B. Substitutions: not acceptable.

#### 2.2 Woven Metal

A. General

1. Provide material consisting of woven metal in stainless steel or brass sheet.

B. Material Options

1. **Stainless Steel, Brass C230 (choose one)**

E. CrossLinq Pattern Options

1. **Echo, Merge, Rhythm, Slope, Sum, Wave (choose one)**

E. Sheet Size Options

1. 1524 mm x 3028 mm (nominal 5' x 10')

F. Sheet Thickness

1. Echo 4.5 mm, Merge 4.8 mm, Rhythm 2.6 mm, Slope 4.8 mm, Sum 3.4 mm, Wave 3.2 mm

### **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.