

**Part 1 General**

**1.1 SECTION INCLUDES**

- A. Decorative metal [tiles].

**1.2 RELATED SECTIONS**

- A. Section [\_\_\_\_\_-\_\_\_\_\_]: Wall substrate.
- B. Section 09 91 10: Preparation [and priming] of substrate surfaces.

**1.3 REFERENCES**

- A. ASTM E84-07 - Test Method for Surface Burning Characteristics of Building Materials.

**1.4 SUBMITTALS FOR REVIEW**

- A. Section 01 33 00: Submission procedures.
- B. Product Data: Provide data on wall [tiles,] [and adhesive.]
- C. Shop Drawings: Indicate wall elevations with [] [tile] layout.
- D. Samples: Submit [two (2)] [\_\_\_\_\_] samples of [s] [tiles], < [\_\_\_\_x\_\_\_\_] mm> <<[\_\_\_\_x\_\_\_\_] inch >>in size illustrating , finish, and texture.

**1.5 SUBMITTALS FOR INFORMATION**

- A. Section 01 33 00: Submission procedures.
- B. Installation Data: Manufacturer's special installation requirements indicating special procedures, perimeter conditions requiring special attention, and [\_\_\_\_\_].

**1.6 REGULATORY REQUIREMENTS**

- A. Conform to applicable code for flame and smoke ratings when tested to ASTM E84 Class C for Matted tiles.

**1.7 DELIVERY, STORAGE, AND PROTECTION**

- A. Section 01 61 00: Transport, handle, store, and protect products.
- B. Inspect materials on site to verify acceptance.
- C. Store tiles flat in a clean, dry area.
- D. Protect materials from temperature cycling.
- E. Do not slide against each other or over rough surfaces.

## 1.8 ENVIRONMENTAL REQUIREMENTS

- A. Section 01 35 26: Environmental conditions affecting products on site.
- B. Do not apply materials when surface and ambient temperatures are outside the temperature ranges required by the adhesive manufacturer.
- C. Maintain these conditions 24 hours before, during and after installation of adhesive applied [s] [tiles].

## 1.9 MAINTENANCE MATERIAL SUBMITTALS

- A. Section 01 78 40: Maintenance and extra material requirements.
- B. Extra Stock Materials:
  - 1. Provide [] sq. m> << [] sq. ft.>> [] of each of wall [s] [tiles].
  - 2. Package and label each; store where directed.

## Part 2 Products

### 2.1 MANUFACTURERS

- A. Acoustic Ceiling Products, LLC. Product: ASPECT™ Collage [s] [Tiles].
- B. Other acceptable manufacturers offering functionally [and aesthetically] equivalent products.
  - 1. [] [Model] [Style] [].
  - 2. [] [Model] [Style] [].
- C. Substitutions: [Refer to Section 01 62 00.] [Not permitted.]

### 2.2 MATERIALS

- A. Tiles: Prefinished aluminum and printed composite, conforming to the following:
  - 1. Total Thickness: < [0.30 mm]> << [0.12 inches]>>.
  - 2. Tile Size: <11.75 mm> <<12.00>>
  - 3. Color: [Oyster.] [Biscuit.] [Silver Wood.] [Burnt Copper] [Marble Shine] [Cloud Shimmer].

### 2.3 ACCESSORIES

- A. Adhesive: [High Performance two sided PSA Acrylic.] [Type recommended by manufacturer to suit application to specific substrate.]
- B. Mechanical Fasteners: [Stainless steel] [Aluminum] [Plastic] [screws] [decorative nails], Type [].

## **Part 3 Execution**

### **3.1 EXAMINATION**

- A. Section 01 70 00: Verify existing conditions before starting work.
- B. Verify that substrate surfaces are [primed and] ready to receive work, and conform to requirements of [] [tile] manufacturer.
- C. Verify flatness tolerance of surfaces does not vary more than < [3] [6] [\_\_\_\_] mm> <<[1/8] [1/4] [\_\_\_\_] inch in 10 feet>> in <3 m> <<[10 feet]>> nor vary at a rate greater than <[1.5] [\_\_\_\_] mm/300 mm> <<[1/16] [\_\_\_\_] inch/ft >>.

### **3.2 PREPARATION**

- A. Fill cracks and smooth irregularities with wallboard compound or spackling; sand edges smooth with fine grade sandpaper.
- B. Remove electrical, telephone, and [\_\_\_\_\_] wall plates and covers.
- C. [Apply [one (1) coat] [two (2) coats] of primer sealer to porous substrate surfaces. Allow to dry.] If application is in a humid or water-prone area, primer should be antimicrobial.
- D. Ensure substrate surfaces are clean, dry, smooth and free from dust, grease, and wax. Vacuum clean surfaces free of loose particles.
- E. Use isopropyl alcohol two-cloth cleaning method for impervious surfaces and [] [tile] backs for full surface adhesive bonding.

### **3.3 MEASUREMENT EDGES AND BENDING**

- A. Measure areas to be covered; lay-out [s] [tiles]. Using a temporary marker, transfer measurements to [s] [tiles].
- B. Plan for bends, corners or edge treatments before cutting.
- C. Use cardboard pattern as a guide to transfer cutting lines for pipe openings and other irregularities to [s] [tiles].

### **3.4 CUTTING**

- A. Use circular or table saw for straight cuts; jigsaw or coping saw for circular cuts or cutouts.
- B. [For full sheets,] use cutting blades with carbide-tipped or high-speed steel, made for cutting non-ferrous metal.
- C. [For tile,] use a chop saw, hack saw or table saw for straight cuts.
  - 1. Measure and mark cut lines with a marker on protective film.
  - 2. Using a straight edge, score along entire tile using a utility knife.
  - 3. Use fine-grit sandpaper or small metal file to debur edges of new cut s.

### **3.5 INSTALLATION**

- A. Install adhesive and metal [s] [tiles] to manufacturer's written instructions and as follows:  

**[OR]**
- B. Apply from inside corner, working outwards and upwards.
- C. For installation of s around a focal point, build out symmetrically from both sides of the focal point.
- D. For installation of tiles, peel backing from tile and align into correct position. Dispose of slippery backing sheets as work progresses.
- E. With a soft cloth, apply pressure evenly across [s] [tiles] to remove excess air.
- F. Temporarily brace larger s using clamps or removable painter's tape when using slow-drying adhesives.
- G. Following manufacturer's instructions, bend exposed edges after adhesive has set to achieve desired finish.
- H. Remove excess wet adhesive residue with damp sponge or cloth while still wet and visible.
- I. Wipe clean with dry cloth.

### **3.6 CLEANING**

- A. Section 01 74 00: Cleaning installed work.
- B. Clean completed wall of excess adhesive, dust, dirt, and other contaminants.
- C. Reinstall wall plates and accessories removed prior to work of this Section.

### **3.7 PROTECTION OF FINISHED WORK**

- A. Section 01 78 40: Protecting installed work.
- B. Protect finished [s] [tile] from damage of other work.

### **3.8 SCHEDULES**

**END OF SECTION**