

**Part 1            General**

**1.1                SECTION INCLUDES**

- A.     Decorative Glass [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.

**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 s 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™ Decorative Glass [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. Glass Tiles: Color infused tiles, conforming to the following:
  - 1. Total Thickness: <[0.4 mm]> <<[0.16 inches]>>.
  - 2. Tile Size: <76 x 152 mm> <<3 x 6 inches>>
  - 3. Color: [Sunlit Meadow, Wild Strawberry, Morning Dew, Fresh Sage, Storm Cloud, Sienna Bark, Frost, Glacier, Leather, Steel, Ebony, and Putty.]

### 2.3 ACCESSORIES

- A. Adhesive: [PB-FSA High Performance Acrylic].] [Type recommended by manufacturer to suit application to specific substrate.]
- B. Substrate Primer and Sealer: [NOT PVA-based] [\_\_\_\_\_] type, as specified in Section [09 90 50.] [09 91 10.]

## **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 glass tile saw for all cuts;
  - 1. Use fine-grit sandpaper sponge to deburr/polish edges of new cut tile.

### **3.5 INSTALLATION**

- A. Install adhesive and glass [s] [tiles] to manufacturer's written instructions and as follows:
- B. Apply s 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, smooth exposed edges after adhesive has set to achieve desired finish.
- H. 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.

**END OF SECTION**