

**SECTION 074214
ROOFTOP EQUIPMENT SCREEN WALL PANELS**

<<<<< UPDATE NOTES

PART 1 GENERAL

2.01 SECTION INCLUDES

- A. Equipment screen wall panels.
- B. <<< See note about water-resistive/weather barrier material.

2.02 RELATED REQUIREMENTS

- A. Section 054000 - Cold-Formed Metal Framing: Wall panel substrate.
- B. Section 061000 - Rough Carpentry: Water-resistive barrier under wall panels.
- C. Section 079200 - Joint Sealants: Sealing joints between metal wall panel system and adjacent construction.

2.03 REFERENCE STANDARDS

- A. ASTM B209 - Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate; 2014.

2.04 SUBMITTALS

- A. See Section 013000 - Administrative Requirements, for submittal procedures.
- B. Shop Drawings: Indicate dimensions, layout, joints, construction details, _____, and methods of anchorage.
- C. Samples: Submit two samples of wall panel, 8 inch by 8 inch in size illustrating finish color, sheen, and texture.
- D. Manufacturer's Qualification Statement.

2.05 QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacturing the products specified in this section with minimum three years of documented experience.

2.06 MOCK-UP

- A. Construct mock-up, 3 feet long by 3 feet wide; include panel and soffit system, glazing, attachments to building frame, associated vapor retarder and air seal materials, weep drainage system, sealants and seals, related insulation, and _____ in mock-up.
- B. Mock-up may remain as part of the Work.

2.07 DELIVERY, STORAGE, AND HANDLING

- A. Protect panels from accelerated weathering by removing or venting sheet plastic shipping wrap.
- B. Store prefabricated material off the ground and protected from weather; prevent twisting, bending, or abrasion; provide ventilation; slope metal sheets to ensure proper drainage.
- C. Prevent contact with materials that may cause discoloration or staining of products.

2.08 WARRANTY

- A. See Section 017800 - Project Closeout, for additional warranty requirements.
- B. Correct defective work within a five year period after the Date of Substantial Completion for degradation of panel finish, including color fading caused by exposure to weather.
- C. Correct defective work within a five year period after Date of Substantial Completion, including defects in water tightness and integrity of seals.

PART 2 PRODUCTS

3.01 MANUFACTURERS

- A. Basis of Design: Architectural Louvers
 - 1. HARRY, LLC DBA ARCHITECTURAL LOUVERS V6

3.02 MANUFACTURED LOUVERED SCREENWALL

- A. Panel Profile: Ribbed profile with lap joint:
 - 1. Basis of Design Product: V6JF
 - 2. 6" Deep Equipshield Hurricane Equipment Screens
 - 3. Custom Color, see drawings.

PART 3 EXECUTION

4.01 EXAMINATION

- A. Verify that building framing members are ready to receive panels.
- B. Verify that water-resistive barrier has been installed over substrate completely and correctly.

4.02 PREPARATION

- A. Install subgirts perpendicular to panel length, securely fastened to substrates and shimmed and leveled to uniform plane. Space at intervals indicated.

4.03 INSTALLATION

- A. Install panels on walls and soffits in accordance with manufacturer's instructions.
- B. Protect surfaces in contact with cementitious materials and dissimilar metals with bituminous paint. Allow to dry prior to installation.
- C. Fasten panels to structural supports; aligned, level, and plumb.
- D. Locate joints over supports.
- E. Lap panel ends minimum 2 inches.
- F. Use concealed fasteners unless otherwise approved by Architect.
- G. Seal and place gaskets to prevent weather penetration. Maintain neat appearance.

4.04 TOLERANCES

- A. Maximum Offset From True Alignment Between Adjacent Members Butting or In Line: 1/16 inch.
- B. Maximum Variation from Plane or Location Indicated on Drawings: 1/4 inch.

4.05 CLEANING

- A. Remove site cuttings from finish surfaces.
- B. Clean and wash prefinished surfaces with mild soap and water; rinse with clean water.

END OF SECTION