
SECTION 07 71 00
ROOF SPECIALTIES**PART 1 GENERAL****1.1 SECTION INCLUDES**

- A. Manufactured roof specialties, including manufactured copings, thru-wall scuppers and surface mounted metal counterflashings.

1.2 RELATED REQUIREMENTS

- A. Section 07 54 19 - Polyvinyl-Chloride (PVC/TPA) Roofing: Membrane roofing and installation of roof edge metals.
- B. Section 07 72 00 - Roof Accessories: Manufactured curbs, roof hatches, and snow guards.

1.3 REFERENCE STANDARDS

- A. ANSI/SPRI/FM 4435/ES-1 - Test Standard for Edge Systems Used with Low Slope Roofing Systems; 2017.
- B. NRCA (RM) - The NRCA Roofing Manual; 2017.

1.4 SUBMITTALS

- A. See Section 01 30 00 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on shape of components, materials and finishes, anchor types and locations.
- C. Shop Drawings: Indicate configuration and dimension of components, adjacent construction, required clearances and tolerances, and other affected work.
- D. Samples: Submit two appropriately sized samples of fascia.
- E. Manufacturer's Installation Instructions: Indicate special procedures, fasteners, supporting members, and perimeter conditions requiring special attention.

PART 2 PRODUCTS**2.1 MANUFACTURERS**

- A. Basis of Design Manufacturer - Manufactured Copings and Thru-Wall Scuppers: Tremco, Inc., www.tremcoroofing.com or products meeting project requirements by one of the following:
 - 1. OMG Roofing Products; www.omgroofing.com.
 - 2. Petersen Aluminum Corporation; www.pac-clad.com.
- B. Basis of Design Manufacturer - Metal Counterflashings: Fry Reglet Corporation, SM Model; www.fryreglet.com or comparable products meeting project requirements by one of the following:
 - 1. OMG Roofing Products; www.omgroofing.com.
- C. Basis of Design Manufacturer- Roof Expansion Joint Support: Carlisle Syntec Solutions, Sure-Seal EPDM Expansion Joint Support; www.carlisesyntec.com.

2.2 MANUFACTURED COPINGS

- A. Copings: Manufactured coping system consisting of formed-metal coping cap in section lengths not exceeding 12 feet (3.6 m), concealed anchorage; corner units, end cap units, and concealed splice plates with same finish as coping caps.
 - 1. Coping Profile: As indicated on Drawings.
 - 2. Basis-of-Design Product: Subject to compliance with requirements, provide Tremco, TremLock Infinity Coping.

3. Coping-Cap Material: Zinc-coated steel, nominal 24 ga.; 0.028-inch (0.71-mm) thickness.
 - a. Finish: High-performance organic (PVDF) coating.
 - b. Color: As selected by Architect from manufacturer's full range.
4. Corners: Factory mitered and continuously welded.
5. Coping-Cap Attachment Method: Snap-on, fabricated from coping-cap material.
6. Snap-on-Coping Anchor Plates: Concealed, galvanized-steel sheet, 12 inches (300 mm) wide, with integral cleats.

2.3**2.4 FINISHES**

- A. Exposed Coil-Coated Finishes: Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
 1. Two-Coat Fluoropolymer: AAMA 620. System consisting of primer and fluoropolymer color topcoat containing not less than 70 percent PVDF resin by weight.

2.5 ACCESSORIES

- A. Sealant for Joints in Linear Components: As recommended by component manufacturer.

PART 3 EXECUTION**3.1 EXAMINATION**

- A. Verify that deck, curbs, roof membrane, base flashing, and other items affecting work of this Section are in place and positioned correctly.

3.2 INSTALLATION

- A. Install components in accordance with manufacturer's instructions and NRCA (RM) applicable requirements.
- B. Seal joints within components when required by component manufacturer.
- C. Anchor components securely.
- D. Coordinate installation of components of this section with installation of roofing membrane and base flashings.
- E. Coordinate installation of sealants and roofing cement with work of this section to ensure water tightness.

END OF SECTION 07 71 00