

**SECTION 077213
MANUFACTURED PLATFORM ROOF CURBS FOR CONVENTIONAL ROOFS**

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Manufactured Platform Roof curbs for conventional buildings.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Roof Products, Inc. (RPI) – Chattanooga, TN and Phoenix, AZ
 - 1. Tel: (800) 262-6669
 - 2. Fax: (423) 892-2107
 - 3. Email: sales@rpicurbs.com
 - 4. Web Site: www.rpicurbs.com

2.2 CONSTRUCTION

- A. Frames:
 - 1. Material: ASTM A 653 G90 hot-dipped galvanized steel. Minimum 18 gauge or heavier gauge as engineered by manufacturer.
 - 2. Corners: Mitered and welded. Bolted connections are not accepted.
 - 3. Base Plates: Integral to frame and welded.
 - 4. Internal Reinforcement: RPPF-1, 2 and 3 styles are reinforced with 1 inch by 1 inch angles on any side of curb 3 feet or more in length.
 - 5. 3/4" plywood top with minimum 18ga. galvanized steel cap.
 - 6. Wood Nailers: Factory installed, pressure treated.
- B. Insulation: RPPF-1, 2 & 3 styles are insulated with 1-1/2 inch thick three-pound density fiberglass insulation.
- C. Platform Roof Curb Height: Minimum 8 inches above finished roof or as specified.
- D. Construct Platform Roof Curbs to match roof slope with plumb and level top surface for mounting equipment.
- E. Manufactured Platform Roof Curb Styles with typical applications.
 - 1. RPPF-1 (raised cant style with insulation) installs on top of metal decks.
 - 2. RPPF-2 (canted style with insulation) installs on wood roofs.
 - 3. RPPF-3 (non-canted style with insulation) installs either under or on top of metal decks.
 - 4. RPPF-4 (canted style without insulation) installs on wood roofs.
 - 5. RPPF-5 (non-canted style without insulation) installs either under or on top of metal decks.

PART 3 EXECUTION

3.1 INSTALLATION

- A. Install in accordance with Contract Document provisions and manufacturer's instructions.

3.2 COORDINATION

- A. Roof Products, Inc. (RPI) shall coordinate Manufactured Platform Roof Curb sizes and options with the general and/or mechanical/roofing contractor prior to fabrication.
- B. Shop drawing approval is required before fabrication

3.3 WARRANTY

- A. The manufactured roof curbs shall be guaranteed to be free from defects in materials or workmanship for a period on not less than (5) five years.

END OF SECTION