

**SECTION 077213
MANUFACTURED CURBS FOR PRE-ENGINEERED METAL BUILDINGS**

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes:
 - 1. Roof curbs for pre-engineered metal 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

PART 3 CONSTRUCTION

- A. Frames:
 - 1. Material: Minimum 18ga. AZ-55 prime Galvalume steel or heavier gauge as engineered by manufacturer.
 - 2. Corners: Mitered and welded.
 - 3. Integral Base Plates and Water Diverters: Integral to frame and welded.
 - 4. Internal Reinforcement: Insulated curbs are reinforced with 1 inch by 1 inch angles on any side of curb 3 feet or more in length.
 - 5. Flange and/or Clips shall match the roof panel configuration.
- B. Insulation: Insulated roof curbs are insulated with 1-1/2 inch thick three-pound density fiberglass insulation.
- C. Curb Height: Minimum 8 inches above finished roof or as specified.
- D. Construct curbs to match roof slope with plumb and level top surface for mounting mechanical equipment, smoke vents, roof hatches and skylights, except where sloped top surface is shown on drawings.
- E. Gasketing: 1/4 inch thick, 1" wide at roof top units and skylights.

PART 4 EXECUTION

4.1 INSTALLATION

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

4.2 COORDINATION

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

4.3 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