

**SECTION 077213**  
**MANUFACTURED EXPANSION & CONTROL JOINT CURBING FOR CONVENTIONAL ROOFS**

**PART 1 GENERAL**

**1.1 SUMMARY**

- A. Section Includes:
  - 1. Expansion and Control Joint Curbing 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@rpcurbs.com](mailto:sales@rpcurbs.com)
  - 4. Web Site: <http://www.rpcurbs.com>

**PART 3 CONSTRUCTION**

- A. Frames:
  - 1. Material: ASTM A 653 G90 hot-dipped galvanized steel. Minimum 20 gauge or heavier gauge as required.
  - 2. Fabricate in 10-foot lengths with fully mitered and welded corners at intersections and sloping end sections or as required. Provide splice plates and connector clips.
  - 3. Internal Reinforcement: RPEJ-1, 2, & 3 – Reinforced with 1 inch by 1 inch angles for any section exceeding 3 feet in length. Bulkhead reinforcement in RPCJ-3 Control Joint Curbing.
  - 4. Counterflashings: RPCJ-3 – 20ga. Galvanized steel.
  - 5. Wood Nailers: Factory installed, pressure treated.
- B. Insulation: RPEJ-1, 2 & 3 styles are insulated with 1-1/2 inch thick three-pound density fiberglass insulation.
- C. Expansion and Control Joint Curbing Height: Minimum 8 inches above finished roof or as specified.
- D. Construct to match roof slope if required.
- E. Manufactured Expansion Joint Curbing Styles with typical applications.
  - 1. RPEJ-1 (raised cant style with insulation) installs on top of metal decks.
  - 2. RPEJ-2 (canted style with insulation) installs on wood roofs.
  - 3. RPEJ-3 (non-canted style with insulation) installs either under or on top of metal decks.
- F. Manufactured Control Joint Curbing Style with typical applications.
  - 1. RPCJ-3 (non-canted style) installs either under or on top of metal decks.

**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 Expansion and Control Joint Curbing sizes and options with the general and/or 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