

SECTION 07 72 13 - MANUFACTURED CURBS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes:

1. **KROGER NATIONAL ACCOUNT AGREEMENT:** Contractor purchased - Contractor installed.
 - a. The following items are to be provided by the Contractor and purchased under a national account agreement with the Kroger Co.:
 - 1) **Material:** Manufactured roof curbs and equipment supports for fans, condensers, and other equipment with the exception of roof top units with integral curbs.
2. Installation of roof curbs for roof-mounted equipment by Contractor.
3. Additional items supplied and installed by Contractor not part of Kroger National Account Agreement:
 - a. Bolts, nuts, washers, screws, and other items not provided by Owner necessary for a complete installation.

1.2 SUBMITTALS

- A. Shop Drawings: Showing fabrication and installation details for roof accessories.

1.3 QUALITY ASSURANCE

- A. Sheet Metal Standard: Comply with SMACNA's "Architectural Sheet Metal Manual" details as required for installation of units to coordinate with type of roofing indicated.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Structural Rating: Manufactured roof curbs for RTUs, skylights and condensers shall be structural rated for a joist spacing **6 feet (1.8 m)** O.C.

2.2 MANUFACTURER

- A. Manufacturer: AES Industries Inc.

1. Kroger Account Representative: (334) 283-6578. Specify store number and address when ordering.
 2. No substitutions allowed.
- B. Construction: Coated 14 gauge steel sheet curb sections, corners mitered or enclosed and fully welded; 2 inch by 4 inch (nominal dimension) pressure treated continuous wood nailers mechanically fastened with corrosion resistant fasteners at 12 inches on center to exterior face of curb. Shop prime welded connections with zinc-rich paint complying with SSPC-Paint 20.
- C. Height: As indicated on Drawings, but no less than as required by authorities having jurisdiction.
- D. Profile: As indicated on Owner's ASD and HSD Standard Details.
- E. Reinforce curb sections as required for design loads indicated on Drawings.
- F. Provide seismic/wind restraint brackets as indicated or required by authorities having jurisdiction.
- G. Provide 1/2 inch (13 mm) diameter burglar bars only when indicated on Drawings.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. General: Install roof curbs according to manufacturer's written instructions and Drawings. Anchor roof curbs securely in place and capable of resisting forces specified. Use fasteners, separators, sealants, and other miscellaneous items as required for completing roof curb installation. Install roof curbs to resist exposure to weather without failing, rattling, leaking, and fastener disengagement.
- B. Install roof curbs to fit substrates and to result in watertight performance.
- C. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with bituminous coating or by other permanent separation as recommended by manufacturer.
- D. Install roof curbs level, plumb, true to line and elevation, and without warping, jogs in alignment, excessive oil canning, buckling, or tool marks.
- E. Seal joints with elastomeric or butyl sealant as required by manufacturer of roof curbs.

END OF SECTION 07 72 13