METAL BUILDING ROOF CURB

MODEL MB1-LO & MB2-LO
MODEL MB7-LO & MB8-LO

SPECIFICATIONS:

18 GAUGE ALUMINIZED STEEL
PITCHED TO PROVIDE A LEVEL TOP SURFACE WHERE SPECIFIED
8" MINIMUM CURB HEIGHT
1-1/2" WIDE TOP FLANGES
ALL WELDED CONSTRUCTION CORNERS MITERED AND WELDED
MB1 & 2 UPSLOPE FLANGE WITH “OVER” CONTOURS AND CRICKET
MB7 & 8 UPSLOPE FLANGE WITH “UNDER” CONTOURS AND CRICKET
DOWNSLOPE WITH “OVER” CONTOURS
SIDE FLANGES LAP OVER ONE RIB BEYOND EACH SIDEWALL
1" RIGID R7.2 INSULATION (MB 1 & MB7 ONLY)

OPTIONS:

___ 14 GAUGE ALUMINIZED STEEL
___ 16 GAUGE ALUMINIZED STEEL
___ 0.080" ALUMINUM

POWDER COAT FINISH -
___ WHITE
___ CUSTOM COLOR
___ SPECIAL HEIGHT

___ DAMPER SHELF/DUCT SUPPORTS
___ INSIDE OR OUTSIDE INSULATION LINER
___ SPECIAL RIB PLACEMENT

WIDE FLANGES
___ UPSLOPE
___ DOWNSLOPE
___ TOP COVER/COLLAR
___ SPLICED CURB (2 PIECES)
___ SUB FRAMING
___ 2-1/2" WIDE MASTIC

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1. On a fully sheeted roof, mark centerline of roof opening.

2. Use centerline of major rib as a guide and lay out roof opening to match the curb A, C, D, & E dimensions.

3. Cut roof opening per building manufacturer’s recommendations. Slit upslope edges of rough opening (E) for flange clearance at transition point.

4. Install structural support framing for curb and equipment loads. Keep inside dimension clear. A minimum of two parallel curb walls should be supported. Avoid cantilever sections in excess of 12”.

5. Apply mastic or sealant tape at points where curb meets roof panel. Apply to roof panel at curb side, and downslope flanges. Apply to curb upslope flange. Use only accessories as recommended by the building manufacturer.

6. Press curb into place on the roof panel. Upslope flange goes under roof panel; sides and downslope over roof panel.

7. Fasten the curb to support structure through curb flange and roof panel using fasteners compatible with the roof system. Use a minimum of four fasteners per side on maximum 4” centers.

8. Check tightness of fasteners and general integrity of installation. Caulk perimeter edge of curb flanges to roof panel.