

MODEL MB3-7FC FLOATING METAL BUILDING ROOF CURB SYSTEM

SPECIFICATIONS:

18 GAUGE ALUMINIZED STEEL OUTER CURB
6" MIN HEIGHT & 6" LARGER THAN INNER CURB

14 GA STEEL INNER STRUCTURAL CURB
10" MINIMUM HEIGHT

PITCHED TO PROVIDE A LEVEL TOP
SURFACE WHERE SPECIFIED

1-1/2" WIDE TOP FLANGES

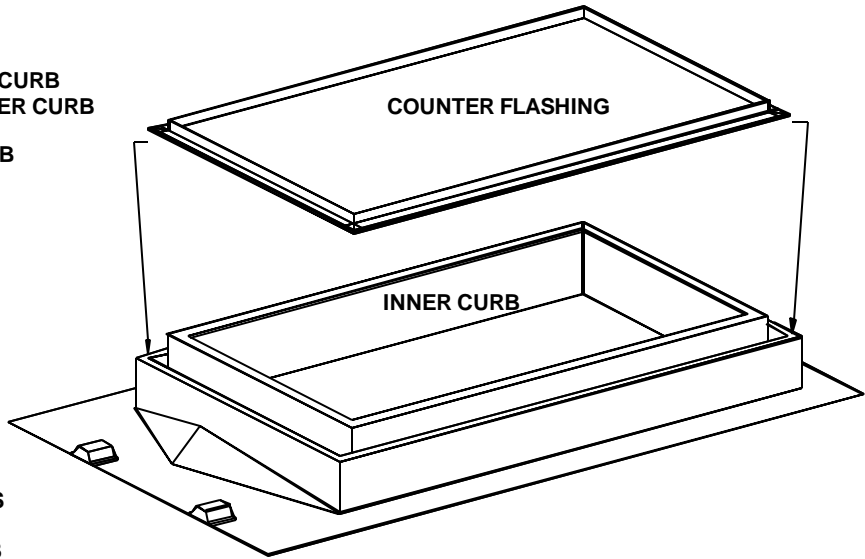
ALL WELDED CONSTRUCTION
CORNERS MITERED AND WELDED

UPSLOPE FLANGE WITH "UNDER"
CONTOURS AND A WATER DIVERTER

DOWNSLOPE WITH "OVER" CONTOURS

COUNTER FLASHING FOR INNER CURB

1" RIGID R7.2 INSULATION



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
- SIDE
- DOWNSLOPE

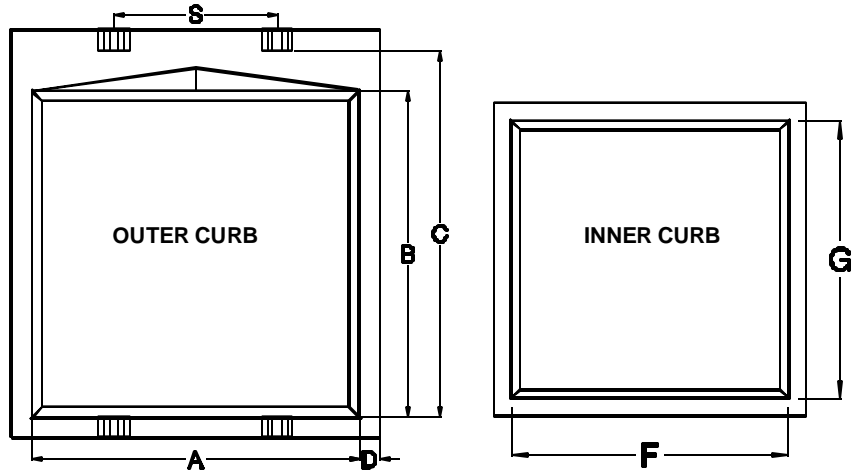
TOP COVER

TOP FLANGE BROKEN OUT

DIVERTER IN LIEU OF CRICKET

SUB FRAMING

2-1/2" WIDE MASTIC



CURB SCHEDULE

MARK	A	B	S	F	G	QTY
ROOF PANEL MFG			PANEL MODEL		PITCH	

PROJECT _____
 LOCATION _____
 DATE _____

CONTRACTOR _____
 APPROVED BY _____
 DATE APPROVED _____

R & S SALES COMPANY, INC.
 3575 Old Conejo Road, NEWBURY PARK, CA 91320
 PHONE 805-375-3980 FAX 805-375-3981

MODEL MB3-7FC & MB4-8FC INSTALLATION DETAILS

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" dimensions.

3. Cut roof opening per building manufacturer's recommendations. Slit upslope edges of rough opening ("D") for side flange clearance at transition point.

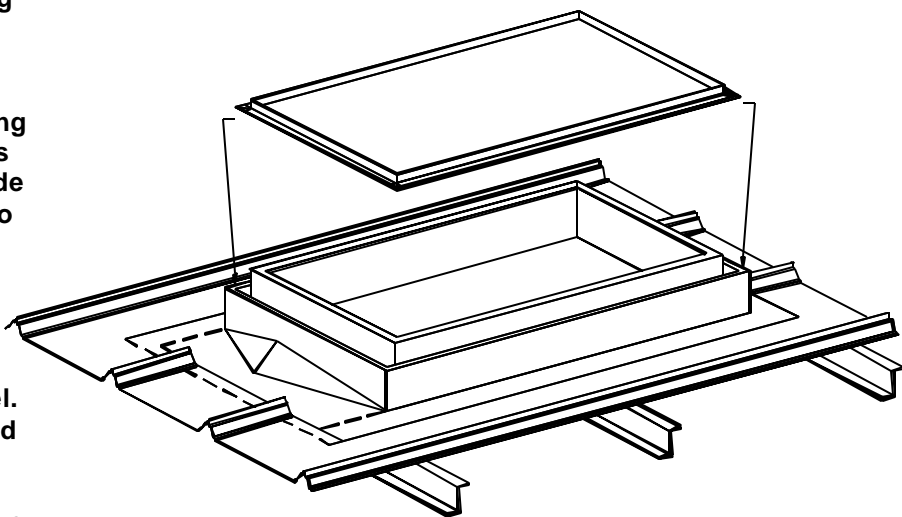
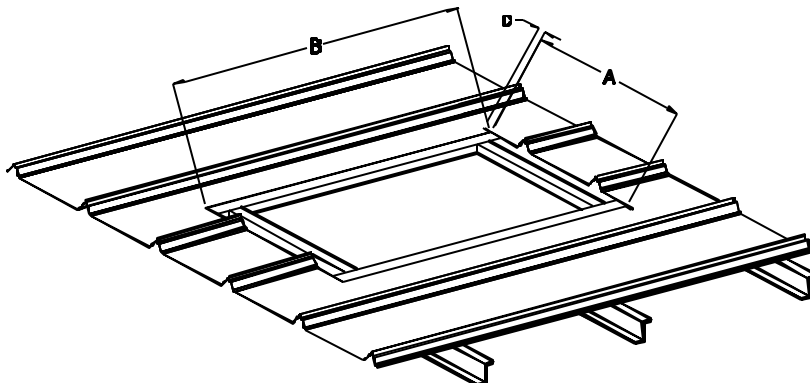
4. Install structural support framing for inner curb with equipment loads and outer flashing curb. Keep inside dimension clear. A minimum of two parallel curb walls should be supported. Avoid cantilever sections in excess of 12".

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.

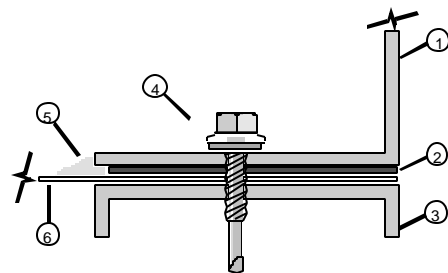
7. Fasten the inner curb to support structure through curb flange and roof panel using fasteners compatible with the roof system. Use a minimum of four fasteners per side on maximum 4" centers. Install counter flashing to inner curb.

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

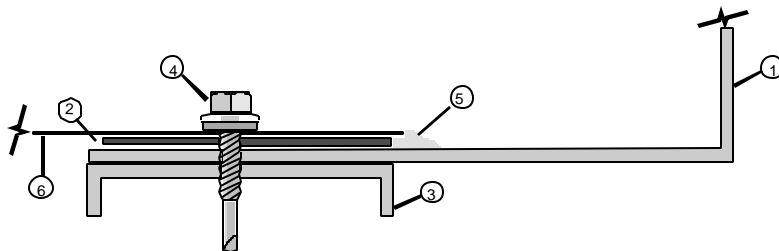


SIDE, & DOWNSLOPE SECTIONS

1. ROOF CURB WALL
2. TAPE MASTIC
3. SUPPORT FRAMING
4. COMPATIBLE FASTENER
5. SILICONE/URETHANE SEALANT
6. ROOF PANEL



UPSLOPE SECTION



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