



**NOTES:**

1. REFER TO JOHNS MANVILLE WEBSITE ([www.jm.com](http://www.jm.com)) FOR MOST UP-TO-DATE INFORMATION.
2. PLEASE SEE JM SINGLE PLY LIQUID FLASHING SPECIFICATIONS FOR A FULL DESCRIPTION OF INSTALLATION INSTRUCTIONS AND REQUIREMENTS WHICH ARE CONSIDERED A PART OF THIS DETAIL.
3. ANY CARPENTRY OR METAL WORK SHOULD BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS AND/OR PROJECT SPECIFICATIONS. THESE COMPONENTS SHOULD BE REVIEWED AND APPROVED BY A LICENSED DESIGN PROFESSIONAL.
4. ALL SEALANTS / CAULKING SHALL BE PERIODICALLY INSPECTED AND MAINTAINED BY THE BUILDING OWNER THROUGHOUT THE LIFE OF THE ROOF.
5. ALL METAL SURFACES REQUIRE POWERED MECHANICAL ABRASION TO BRING METAL DOWN TO A VIRGIN SURFACE. WIRE BRUSH IS NOT AN ACCEPTABLE ALTERNATIVE. CONCRETE AND MASONRY SURFACES REQUIRE POWERED GRINDER WITH ABRASIVE WHEEL FOLLOWED BY VACUUM AND/OR POWER WASH.
6. METAL AND WOOD SUBSTRATE REQUIRES JM SP LIQUID FLASHING METAL & WOOD PRIMER. CONCRETE OR MASONRY SUBSTRATE REQUIRES JM SP LIQUID FLASHING CONCRETE PRIMER PRIOR TO JM SP LIQUID FLASHING RESIN APPLICATION.
7. SECOND TOP COAT JM SP LIQUID RESIN ON VERTICAL SURFACES RECOMMENDED 24 HOURS AFTER INITIAL APPLICATION.
8. JM SP LIQUID FLASHING RESIN CONSISTS OF A BASE COAT OF JM SP LIQUID FLASHING RESIN, A JM SP LIQUID SCRIM AND A FINAL COAT OF JM SP LIQUID FLASHING RESIN. USE THE APPROPRIATE JM SP FLASHING PRIMER DEPENDING ON TYPE OF SUBSTRATE.
9. JM EPDM R AND EPDM NR PRIMER CONSISTS OF JM SP LVOC PRIMER, JM EPDM TAPE PRIMER OR JM EPDM TAPE PRIMER PLUS (LOW VOC).

DRAWING NO.  
**SPL-FP-04**

**EPDM SQUARE TUBE PENETRATION FLASHING**

PENETRATION  
SCALE  
N.T.S

MEMBRANE TYPE:  
JM SP LIQUID EPDM

MAXIMUM GUARANTEE TERM:  
N/A

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