

SAND-BLASTED ALUMINUM COVERPLATE  
ALSO AVAILABLE IN SAND-BLASTED STAINLESS STEEL  
OTHER FINISHES BY REQUEST

WALL SHOWN FOR VISUAL PURPOSES  
DECK SUBSTRATE NOT SHOWN



System # FW-D-1079

System # JF149

ANCHOR

FACTORY APPLIED SILICONE  
TO SPLINE CORNER BEAD

3 IN  
[76.2mm]

7 1/2 IN  
[190.5mm]

6 IN  
[152.4mm]

3/8 IN  
[9.5mm]

WATERTIGHT FACTORY APPLIED  
TRAFFIC-GRADE  
SILICONE BELLOWS

SELF-TAPPING STAINLESS STEEL  
SCREW 12 IN O.C.

EMSHIELD  
FIRE-RETARDANT  
IMPREGNATED FOAM

EPOXY ADHESIVE  
BOTH SIDES

CENTRAL STIFFENING SPLINE

FIELD APPLIED MIN. 3/4 [19.1mm]  
DEEP INJECTED SEALANT BAND  
AND CORNER BEAD

FACTORY-APPLIED AND CURED  
INTUMESCENT LAYER

4 IN  
[101.6mm]

WATERTIGHT FACTORY APPLIED  
TRAFFIC-GRADE SILICONE BELLOWS

NOTE: 3/8 IN (9.5mm) COVERPLATES FOR VEHICLE AND PEDESTRIAN-TRAFFIC USE  
(FOR PEDESTRIAN-TRAFFIC ONLY, USE 1/4 (6.4mm) COVERPLATE)

MOVEMENT  $\pm$  50%  
+ 2 IN (51mm)  
- 2 IN (51mm)

EMSEAL'S EMSHIELD SJS-FR1 HAS BEEN TESTED IN ACCORDANCE WITH UL 2079 IN THE CONFIGURATION DEPICTED IN SYSTEM # FW-D-1079. USE OF THIS MATERIAL IN WALL ASSEMBLY CONFIGURATIONS OTHER THAN THAT DEPICTED IN UL SYSTEM # FW-D-1079 WILL NOT ENCUMBER OR LOWER THE RESISTANCE OF A FIRE RATED WALL ASSEMBLY THAT MEETS APPLICABLE STANDARDS FOR THE PROJECT AND WHICH ADDITIONALLY IS CAPABLE OF RESISTING THE APPROXIMATELY 2.5 PSI (120 LBS PER FOOT OF JOINT BASED ON 4-INCH DEPTH OF SEAL) BACKPRESSURE OF THE SJS-FR1 MATERIAL.

EMSEAL JOINT SYSTEMS LTD.

SJS-FR1 - 1-HOUR FIRE-RATED, DECK TO WALL EXPANSION JOINT

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DRAWN BY:

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DATE:

2016/06/15

SCALE:

N.T.S.

SHEET

No: 1 OF 1

PART NUMBER:

SJS-FR1\_0400\_DW\_3-8\_PLATE\_LONG\_CHAMFER