

SAND-BLASTED ALUMINUM COVERPLATE
ALSO AVAILIABLE 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]

9 IN
[228.6mm]

3/8 IN
[9.5mm]

6 IN
[152.4mm]

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
FACTORY-APPLIED AND CURED
INTUMESCENT LAYER

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

5 IN
[127.0mm]

WATERTIGHT FACTORY APPLIED
TRAFFIC-GRADE SILICONE BELLOWS

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

MOVEMENT ± 50%
+ 2 1/2 IN (64mm)
- 2 1/2 IN (64mm)

EMSEAL JOINT SYSTEMS LTD.

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 THE WALL BUT IS DONE SO AT THE DESIGNERS' DISCRETION AND RESPONSIBILITY FOR DESIGN 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.

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

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DRAWN BY: ORK	DATE: 2016/06/15	SCALE: N.T.S.	SHEET No: 1 OF 1
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PART NUMBER:
SJS-FR1_0500_DW_3-8_PLATE_LONG_CHAMFER