

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

WALL SHOWN FOR VISUAL PURPOSES
DECK SUBSTRATE NOT SHOWN



System # FW-D-1080
System # JF150

ANCHOR
FACTORY APPLIED SILICONE
TO SPLINE CORNER BEAD

3 IN
[76.2mm]

6 IN
[152.4mm]

10 1/2 IN
[266.7mm]

3/8 IN
[9.5mm]

WATERTIGHT FACTORY APPLIED
TRAFFIC-GRADE
SILICONE BELLOWS

EMSHIELD
FIRE-RETARDANT
IMPREGNATED FOAM

CENTRAL STIFFENING SPLINE
FACTORY-APPLIED AND CURED
INTUMESCENT LAYER

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

EPOXY ADHESIVE
BOTH SIDES

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

WATERTIGHT FACTORY APPLIED
TRAFFIC-GRADE SILICONE BELLOWS

6 IN
[152.4mm]

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%
+ 3 IN (76mm)
- 3 IN (76mm)

EMSEAL'S EMSHIELD SJS-FR2 HAS BEEN TESTED IN ACCORDANCE WITH UL 2079 IN THE CONFIGURATION
DEPICTED IN SYSTEM # FW-D-1080. USE OF THIS MATERIAL IN WALL ASSEMBLY CONFIGURATIONS OTHER
THAT DEPICTED IN UL SYSTEM # FW-D-1080 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) BACKPRESURE OF THE SJS-FR2 MATERIAL.

EMSEAL JOINT SYSTEMS LTD.

SJS-FR2 - 2-HOUR FIRE-RATED, DECK TO WALL EXPANSION JOINT

THIS DOCUMENT CONTAINS INFORMATION OF A CONFIDENTIAL NATURE
AND IS PROPRIETARY TO EMSEAL JOINT SYSTEMS LTD. ANY
UNAUTHORIZED USE WILL BE PROSECUTED. THIS DRAWING IS
PROTECTED BY COPYRIGHT, THE RIGHT TO REPRODUCE IN ANY FORM
BEING THE EXCLUSIVE RIGHT OF EMSEAL JOINT SYSTEMS LTD. ANY
UNAUTHORIZED REPRODUCTION WHETHER IN TWO OR THREE
DIMENSIONS WILL BE PROSECUTED. © 2014 EMSEAL JOINT SYSTEMS LTD.

| | | | |
|------------------|---------------------|------------------|---------------------|
| DRAWN BY: SWR | DATE: 2016/06/15 | SCALE: N.T.S. | SHEET No: 1 OF 1 |
|------------------|---------------------|------------------|---------------------|

PART NUMBER:
SJS-FR2_0600_DW_3-8_PLATE_LONG_CHAMFER