System # FF-D-2018
System # JF148

FACTORY APPLIED SILICONE TO SPLINE CORNER BEAD

WATERTIGHT FACTORY APPLIED TRAFFIC-GRADE SILICONE BELLOWS

FIELD APPLIED MIN. 3/4 IN (19.1mm) DEEP INJECTED SEALANT BAND AND CORNER BEAD

SELF LEVELING TRAFFIC GRADE SEALANT CONTROL JOINT - BY OTHERS

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

CENTRAL STIFFENING SPLINE

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

15 IN [381.0mm]

1 1/16 IN [27.0mm]

1/4 IN [6.4mm]

1/16 IN [1.6mm]

1 IN [25.4mm]

1/4 IN [6.4mm]

6 IN [152.4mm]

EPOXY SETTING BED

CHEMICAL ANCHORING SYSTEM

EMSHIELD FIRE-RETARDANT IMPREGNATED FOAM

WATERTIGHT FACTORY APPLIED TRAFFIC-GRADE SILICONE BELLOWS

FP FLASHING SHEET FULLY-ADHERED TO OR EMBEDDED IN DECK WATERPROOFING

DECK WATERPROOFING OVERLAY FULLY ADHERED TO FP FLASHING SHEET

EPOXY ADHESIVE

FACTORY-APPLIED AND CURED INTUMESCENT LAYER

8 IN [203.2mm]

MOVEMENT: ±50%
+ 4 IN (102mm)
- 4 IN (102mm)

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

EMSEAL'S EMSHIELD SJS-FP-FR2 HAS BEEN TESTED IN ACCORDANCE WITH UL 2079 IN THE CONFIGURATION DEPICTED IN SYSTEM # FF-D-2018. USE OF THIS MATERIAL IN WALL ASSEMBLY CONFIGURATIONS OTHER THAN THAT DEPICTED IN UL SYSTEM # FF-D-2018 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-FP-FR2 MATERIAL.

EMSEAL JOINT SYSTEMS LTD.

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

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DRAWN BY:	DATE:	SCALE:	SHEET
SPA	2015/07/31	N.T.S.	No: 1 OF 1

PART NUMBER: SJS-FP-FR2_8_25_DD_CONC_1-4_PLATE_LONG_CHAMFER