



System # FF-D-0081
System # JF147

FACTORY-APPLIED AND CURED
TRAFFIC-GRADE SILICONE FACING
(PECORA 301) (TYP)

FIELD APPLIED MIN. 3/4 IN (19.1mm)
DEEP INJECTED SEALANT BAND AND CORNER BEAD
ALONG SIDE OF DFR2 AS SHOWN (BOTH SIDES)
(SILICONE SUPPLIED BY EMSEAL)

STAINLESS STEEL
CAPPING STRIP

SELF LEVELING TRAFFIC GRADE
SEALANT CONTROL JOINT - BY OTHERS

FP RETAINER

DECK WATERPROOFING OVERLAY
FULLY ADHERED TO FP SIDE
FLASHING SHEET

2 3/8 IN
[60.3mm]

1/4 IN
[6.4mm]

5 IN
[127.0mm]

EPOXY SETTING BED

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

CHEMICAL ANCHORING
SYSTEM

EPOXY ADHESIVE
BOTH SIDES

HEAVY DUTY
STEEL LEG

1 3/4 IN
[44.4mm]

EMSHIELD DFR2
FIRE-RETARDANT
IMPREGNATED FOAM

MOVEMENT: ±50%
+ 7/8 IN (22mm)
- 7/8 IN (22mm)

EMSEAL'S EMSHIELD DFR2-FP HAS BEEN TESTED IN ACCORDANCE WITH UL 2079 IN THE CONFIGURATION DEPICTED IN SYSTEM # FF-D-0081. USE OF THIS MATERIAL IN WALL ASSEMBLY CONFIGURATIONS OTHER THAN THAT DEPICTED IN UL SYSTEM # FF-D-0081 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 DFR2-FP MATERIAL.

EMSEAL JOINT SYSTEMS LTD.

DFR2-FP-0175-60 DECK TO DECK EXPANSION JOINT

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DRAWN BY: SPA	DATE: 2015/09/01	SCALE: N.T.S.	SHEET No: 1 OF 1
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PART NUMBER:
DFR2_FP_0175_60_DD_CONC