

BI-FOLD FLOOD DOOR OPERATING INSTRUCTIONS & PRODUCT INFORMATION



Flooding Solutions

BI-FOLD FLOOD DOOR OPERATING INSTRUCTIONS & PRODUCT INFORMATION:

Bi-fold flood doors have been designed to fold out of sight into wall recesses when not in use. They are deployed as follows:

1. Close the tenancy doors to reveal stored flood doors.
 2. Clean the threshold strike plate removing all silt and debris.
 3. Un-fold the flood doors out from their stored position.
 4. The door bi-folds will straighten as they open; rotate the overlock alignment clamp to lock both bi-fold doors together.
 5. Bring both bi-fold door set together. As they join to compress the vertical seal, confirm that doors are aligned, then rotate overlocking clamp. Both bi-fold door sets are now locked into position. Note that as the bi-folds rotate and join together they drop onto the threshold strike plate completing the water seal to base of doors. Simultaneously all vertical water seals are compressed. Drop the locating slide on centre doors into the slot in the floor frame.
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PRODUCT SPECIFICATION

For BI-FOLD FLOOD DOORS Integrated Flood Barriers Permanently In Place

Note: Designed for integration into building fabric permanently fixed for manual operation.

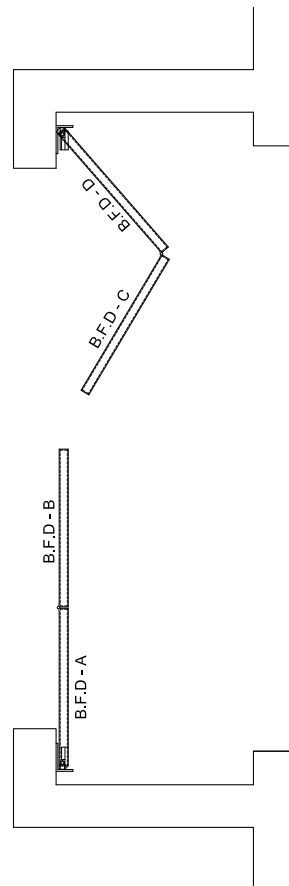
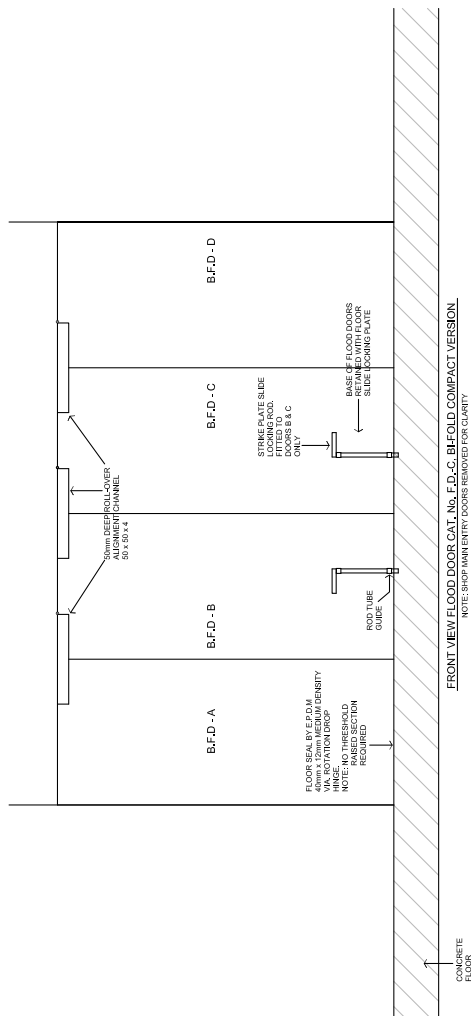
- 1. Barrier Door Frame**
 - Heavy duty duragal R.H.S – grade C450LO to AS 1163.
- 2. Barrier Cover**
 - One steel floor/coil plate, thickness to project design flood height loadings.
- 3. Barrier Hinge Bearings**
 - Selected heavy duty bearings and high tensile steel axel shaft, main support door leaf.
 - Intermediate roll hinge for supported door leaf.
- 4. Operational Cam Plate**
 - Bis-alloy steel 17mm profiled lift cam plate drop/lift rotational door set.
- 5. Door Seals**
 - EPDM 12mm x 38mm vertical seals, field replaceable.
 - EPDM 8mm x 30mm horizontal blade seals, field replaceable.
- 6. Barrier Support Door Jam/Frame**
 - Structural steels and sections to AS 3679-1990.
- 7. Barrier Threshold Strike Plate**
 - Stainless steel flat bar or aluminium section.
- 8. Bi-fold Door Finish**
 - Selected powder coat colour.

Note: Flooding Solutions Advisory Group reserve the right to amend this product specification from time to time based on further and on-going product development. Flooding Solutions Advisory Group also undertake to promptly advise all committed clients of any proposed modification to design that may effect this product specification.

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BI-FOLD FLOOD DOORS		L. OLIVE		BI-FOLD/1		A	
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