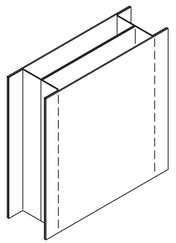
ASSA ABLOY
Opening Solutions

Model FD36C - Flood Compression seal system

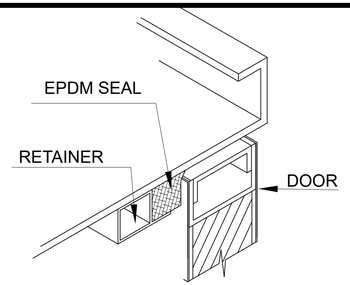
STANDARD 22 GAUGE STIFFENERS.
OPTIONAL STIFFENERS: 20, 18, 16

FIBERGLASS INSULATION PLACED
BETWEEN STIFFENERS
DENSITY: 0.5 LB/FT

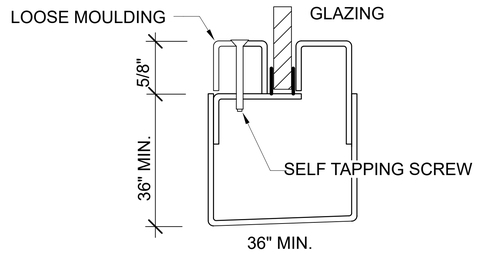
STEEL STIFFENED CORE
WELDED STEEL STIFFENERS (WS) OR
PERMANENTLY BONDED STEEL STIFFENERS (WSB)



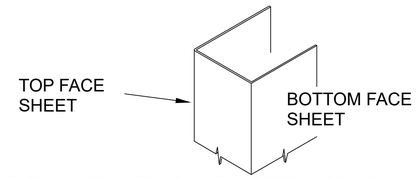
DOOR CONSTRUCTION



DOOR FRAME & SEAL (TOP & BOTT SIM.)



DOOR FRAME & GLAZING DETAIL

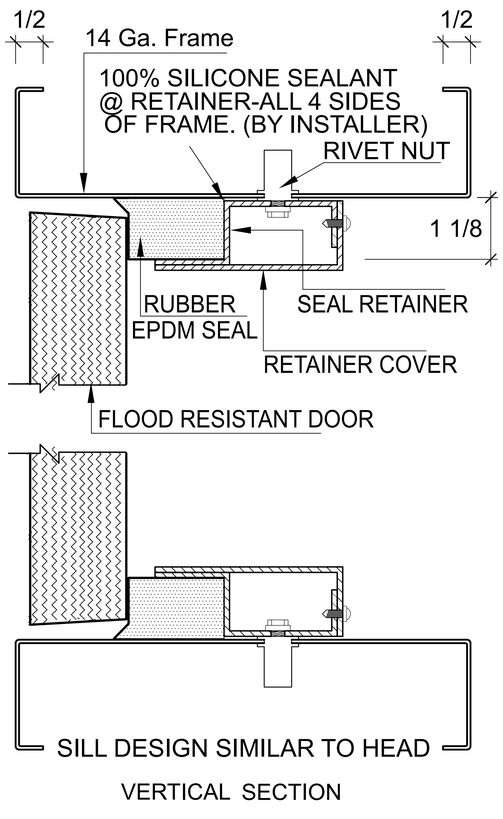


AVAILABLE IN 16 & 14 GAUGE WITH OFFSET SEAM
OPTIONAL 12 GAUGE WELDED SEAMLESS
CONSTRUCTED WITH CENTER SEAM

VERTICAL EDGES (SEAMLESS WELDED EDGE)

MODEL FD36C UTILIZES "FRF" PROFILE FRAME

(SEAL SET FLD4 FOR SINGLES **(STANDARD FRAME NOT AVAILABLE)**



VERTICAL SECTION

Flood Compression seal system
1 3/4" Flood Door System Tech Data

Experience a safer
and more open world

SPECIFICATIONS

1. All exposed surfaces of door and frame to receive one coat of rust inhibitive prime paint complying with ASTM A250.10.
2. Frame is required to be 4 sided, complete with EPDM compression seals.
3. Flood assembly should be installed in the seated position only. Meaning, as the water rises, it applies pressure to the door pressing it tighter against the seals.
4. Assembly is equipped with flood resistant door, frame, seals and crated for shipment.
5. Door Thickness is 1 3/4". Door weight is 6.75 pounds per square foot. Be aware that the frame must be securely tied to the framing from the sub floor to the structure above and grouted solid.
6. Flood resistant doors are to be formed of no less than 16 Gauge steel face sheets, welded at the vertical edges and finished smooth. Capped top and bottom and sealed.
7. Frames are to be formed of no less than 14 Gauge sheet steel with corners mitered, continuously welded and ground smooth.
8. Doors and frames are formed from commercial quality zinc coated steel conforming to ASTM A653 & ASTM A924. Flood resistant core and internal construction are manufacturer's proprietary standards as tested in accordance with ASTM E90, E413, E1332, & E2235.
9. Frames must be fully grouted above the expected waterline.
10. Please be aware that industry standard construction tolerances for squareness of frame installation, plumbness of walls, flatness of floors, etc. may result in potential leakage.
11. The required core will be provided to achieve the rating needed. The appropriate flood resistant seal sets are provided with each assembly.
12. The maximum width of Flood Doors shall not exceed 3'9".

FINISH	STANDARD PRIMER PAINT; TESTED IN CONFORMANCE WITH ANSI A250.10
FLOOD PERFORMANCE	TESTED AND IN COMPLIANCE WITH AMERICAN NATIONAL STANDARD FOR FLOOD ABATEMENT EQUIPMENT. ANSI / FM APPROVALS 2570-2014, SECTION 4.3. FOR WATER LEVELS UP TO 36". COMPLETE WITH PERIMETER SEALS AND BOTTOM SEALS.

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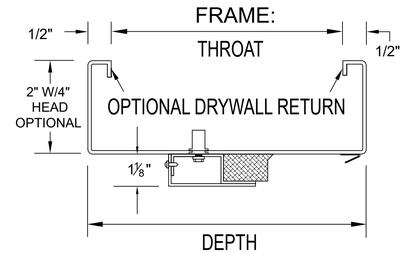
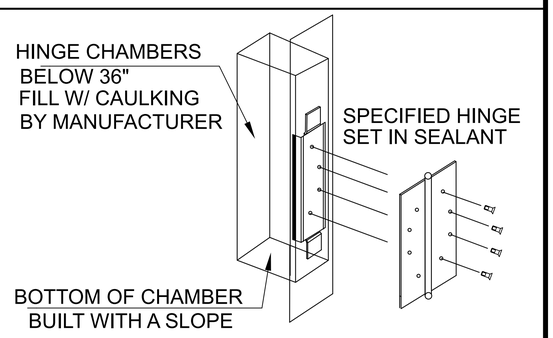
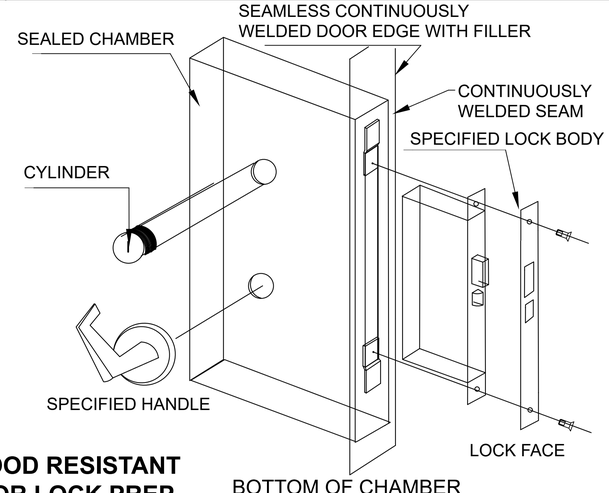


FRF FRAME PROFILE
CORNERS: CONTINUOUSLY WELDED
AVAILABLE IN 12 & 14 GAUGE



FLOOD RESISTANT HINGE PREP.



FLOOD RESISTANT DOOR LOCK PREP.