

## ACOUSTI-SEAL® 900 SERIES TECHNICAL DATA

### THE ACOUSTI-SEAL® POCKET DOOR

- Acousti-Seal® Pocket Doors are either acoustic or non-acoustic solutions to conceal panel storage areas
- Pocket Doors are prefabricated with jambs and hardware installed
- Pocket Doors are pre-finished with all available finish options or uncovered for field finishing
- Custom finish solutions available to match or blend with existing design

### Modernfold Model

Acousti-Seal® Pocket Door

This specification along with product information and model details can be downloaded from [www.modernfold.com](http://www.modernfold.com)  
**SPECIFICATION - SECTION 10 22 26 (10650) OPERABLE PARTITIONS**

### PART 1 - GENERAL

**See Operable Partition Specification for details.**

### PART 2 – PRODUCTS

**See Operable Partition Specification for details.**

#### 2.7 OPTIONS

C/D. Available Accessories/Options:

1. Pocket Doors: Acousti-Seal Pocket Doors by Modernfold, Inc.
2. Pocket Door configuration shall be manually operated (select one):
  - a. Type I single door hinged to a jamb on one side as required.
  - b. Type II double door hinged to a jamb on each side and closing in the center.
  - c. Type III double doors hinged to a jamb on each side and closing in the center. One of the door panels is equipped with a smaller hinged panel that folds back when the operable partition is extended into pocket.
  - d. Type IV bi-fold door hinged to a jamb on one side as required.
3. Panels shall be nominal 3-inch (76mm) thick in manufacturer's standard width. All panel horizontal and vertical framing members fabricated from minimum 18-gage formed steel with overlapped and welded corners for rigidity. Frame is designed so that full vertical edges of panels are of formed steel and provide concealed protection of the edges of panel skin
4. Panel skin shall be (select one):
  - a. 1/2-inch (13mm) tackable 100% recycled gypsum board, class "A" rated single material or composite layers continuously bonded to panel frame. Acoustical ratings of panels with this construction – 47 STC.
  - b. 1/2-inch (13mm) NAUF medium density fiberboard, single material or composite layers continuously bonded to panel frame. Acoustical ratings of panels with this construction – 47 STC.
  - c. Roll-formed 21-gage steel wrapping around panel edge. Panel skins shall be lock formed and welded directly to the frame for unitized construction. Acoustical ratings of panels with this construction – 50 STC.
5. Panels hinges shall be (select one):
  - a. Full leaf butt hinges attached directly to panel frame with welded hinge anchor plates within panel to further support hinge mounting to frame. Hinges mounted into panel edge or vertical astragal are not acceptable.
  - b. SOSS® invisible laminated hinge with antifriction segments mounted between each heat-treated link. Hinge to be attached directly to panel frame. Welded internal hinge bracket shall support the hinge and allow for adjustment of hinge plates. Concealed hinges or hinges mounted into panel edge or vertical astragal are not acceptable.

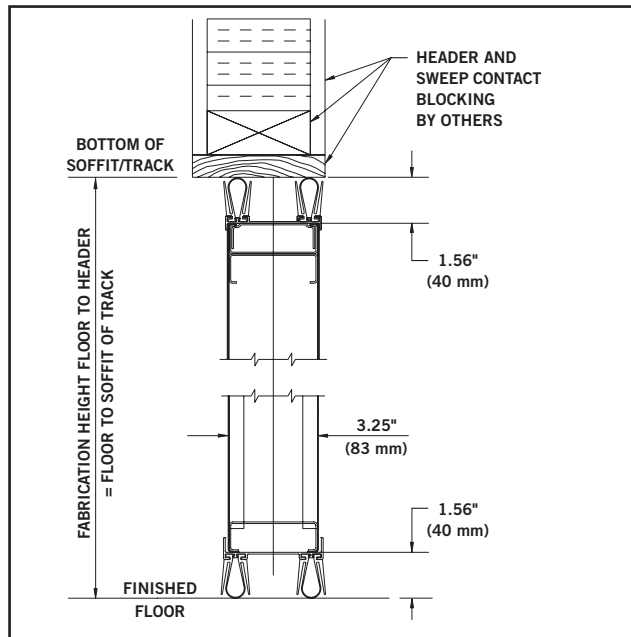
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6. Panel Trim: No vertical trim required or allowed on edges of panels; minimal groove appearance at panel joints.
7. Pocket Door hanging weight shall not exceed 9 lbs./square foot.
8. Panel face finish shall be (select as required):
  - a. Reinforced vinyl with woven backing weighing not less than 20 ounces (595 g) per lineal yard.
  - b. Reinforced heavy duty vinyl with woven backing weighing not less than 30 ounces (850 g) per lineal yard.
  - c. Acoustical, non-woven needle punch carpet, with fused fibers to prevent unraveling or fray of material.
  - d. Wall covering and upholstery fabric with surface treatment to resist stains.
  - e. Customer's own material (subject to factory approval).
- f. Full height 1/4-inch (6.35 mm) natural cork tackboard with vinyl or fabric covering.
- g. Full height steel marker board.
- h. High pressure plastic laminate on MDF board.
- i. Wood veneer on MDF board.
- j. Uncovered for field finishing.
- k. Primed for field finishing.
9. Pocket Door jambs shall be continuous channels anchored to a fixed wall. Welded hinge anchor plates shall support pocket door hinges and permit a full 180-degree swing.
10. Pocket Door framing and acoustical baffles as required shall be by others.

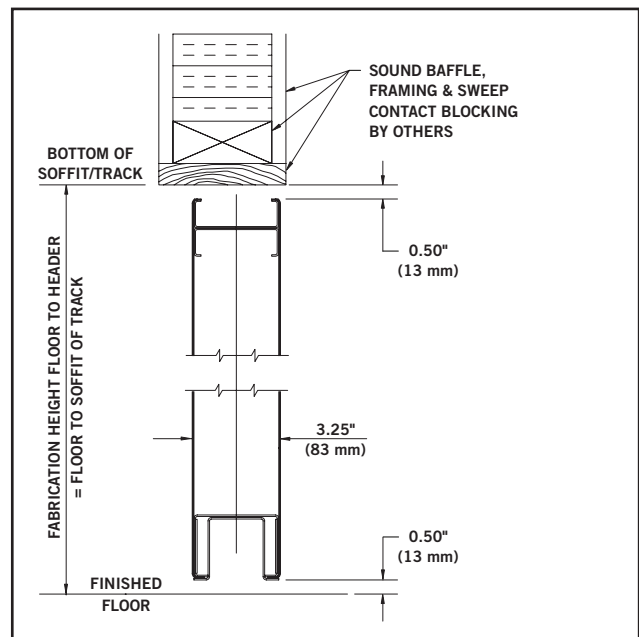
### PART 3 – EXECUTION

**See Operable Partition Specification for details.**

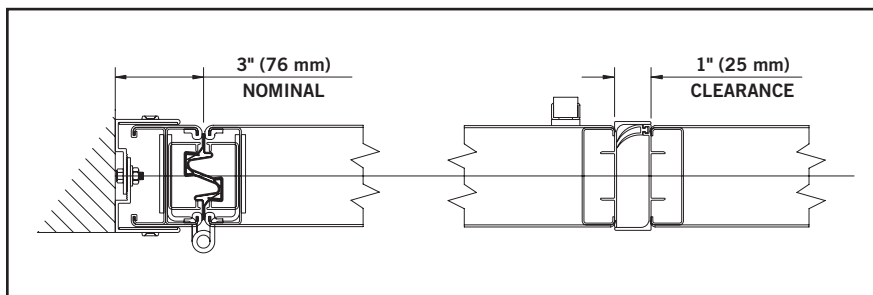
#### ACOUSTICALLY RATED



#### NON-ACOUSTICALLY RATED



#### JAMB & CLOSURE



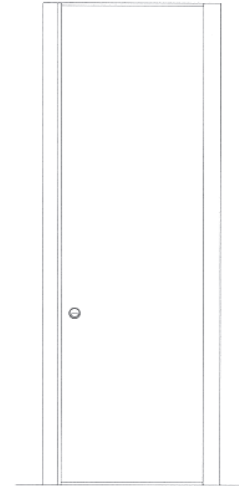
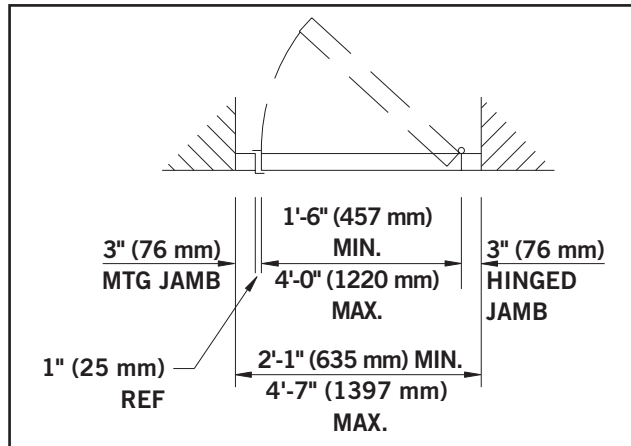
#### Note:

1. All pocket doors require jamb support (by others)
2. All pocket doors are designed for 180 degree door swing. Other swings will affect pocket clearances.
3. Field applied trim will affect door swing.

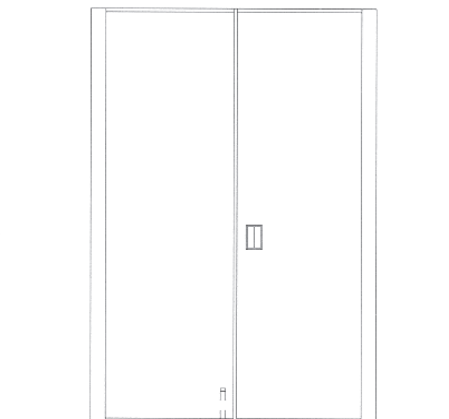
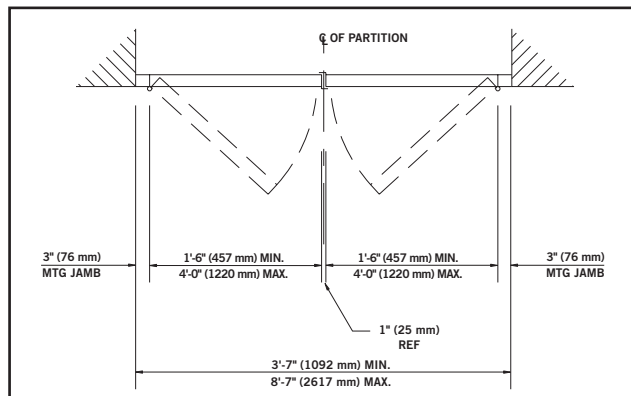
## ACOUSTI-SEAL® 900 SERIES TECHNICAL DATA

- Drop Ring Handle & Latch
- Handpull
- ⌋ Footbolt

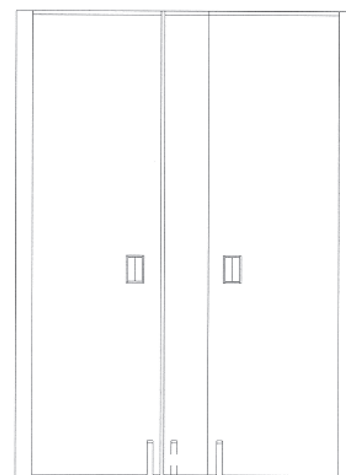
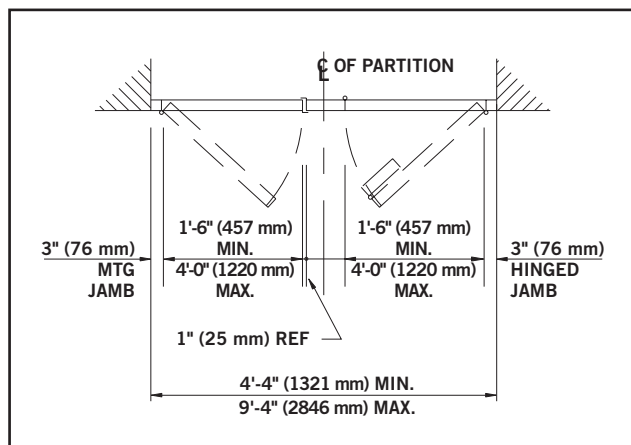
Type I



Type II

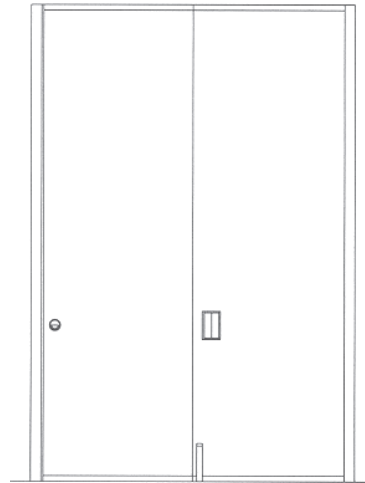
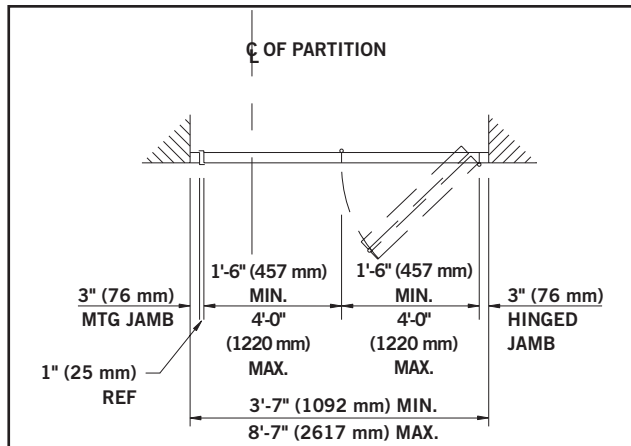


Type III

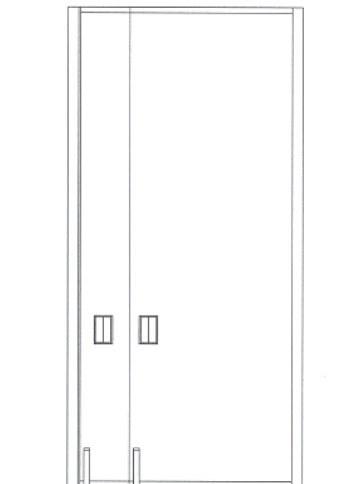
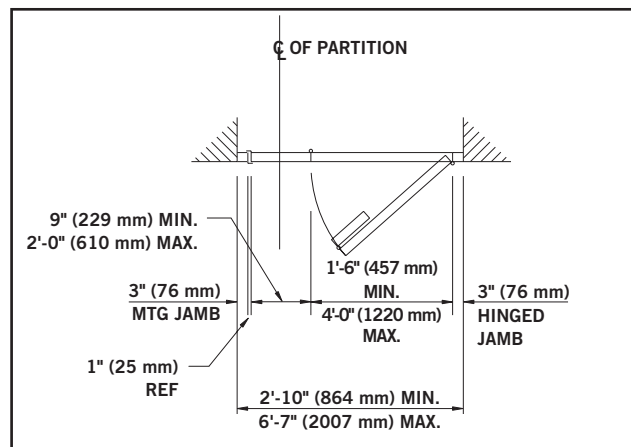


- Drop Ring Handle & Latch
- Handpull
- ⏏ Footbolt

**Type IV A**



**Type IV B**



**Type IV E**

