

TECHNICAL BULLETIN: P317

APPLIES TO FLUSH DOORS | MAR. 2019 | REV 01

DUTCH DOORS

General Information:

If a shelf is required, we will need to know

- Will the shelf be top-mounted or side-mounted?
- If it is a single shelf, which side of the door will it be on?
- If the door is unfinished, is the shelf to be installed or shipped loose? Will it be a standard shelf at 1-1/8" thickness or a custom shelf? If custom, what will the thickness be?

Standard Shelf Information:

- If the door is pre-finished the shelf must be factory installed.
- If a shelf is going to be mounted on the top of the bottom leaf the factory will cut the door down to accept the shelf, whether shelf is shipped loose or installed.
- If there is no shelf or the shelf is side-mounted, the top rail of the bottom leaf will be veneered as standard procedure.
- If door has a plastic laminate shelf the brackets will be plastic laminated.

20-Min Applications:

UL approval is for both positive applications up to 4-0 x 10-0. This approval also allows the Dutch door to be provided with a single shelf or without a shelf.

Intumescent seals are required not using a metal astragal. These seals will be installed in the bottom rail of the top leaf during manufacturing.

All labeled openings require doors to self-close and self-latch latching devices. With a labeled Dutch door there are several options to accomplish this and maintain the label validity.

- <u>Self-closing</u>: Both leaves may include independent closers; a closer may be used on one leaf with an approved astragal between the leaves serving to close the second leaf; Spring hinges may be used to close one or both leaves (in accordance with the hinge listing or leaf sizes per NFPA-80).
- <u>Latching:</u> Both leaves may include independent latches; one leaf may latch into the other leaf; where an astragal is used the latch is only required in one leaf where the latched leaf prevents the second leaf from opening.

Dutch doors are constructed as two dependant leaves; they are not approved as stand alone items. The doors are constructed, and the identification marks applied, to show they belong in the same opening. VT will apply the fire label to the top leaf; the bottom leaf depends on its association and common mark number for its fire rating.



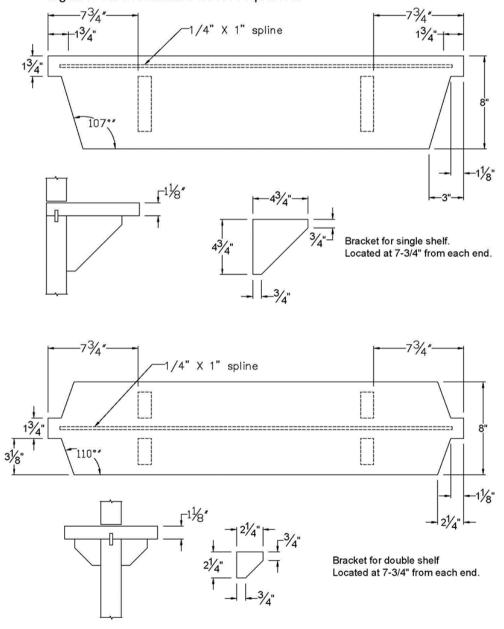
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Standard Dutch Door Shelf

Shelf brackets furnished as shown: Shelves are 1 1/8" thick 2 per single shelf, 4 per double shelf. Shelves and brackets packed together but not installed unless requested.



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Side Mounted Dutch Door Shelf

Shelf brackets furnished as shown: 2 per single shelf. Shelves and brackets packed together but not installed unless requested.

