

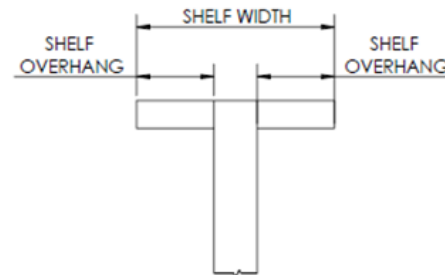
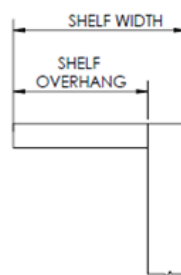
DUTCH DOORS

General Information:

- Shelf available on either hinge face, stop face or centered both faces
- Shelf must be factory installed
- 1-1/8" shelf core thickness, 1-1/4" nominal shelf thickness with face applied
- Brackets are not required or supplied
- If there is no shelf, the top rail of the bottom leaf will be banded
- Standard shelf widths are:
 - Single sided: 6", 8" and 10" (from back of door to front of shelf)
 - Double sided: 8", 10" and 14" (from front of shelf to front of shelf)
- Standard clearance is 1/8" between leaves
- Door thickness: 1-3/4"
- When latching from top to bottom, latch throw may interfere with shelf and cause damage

Shelf Width vs Overhang:

SIDED	SHELF WIDTH	OVERHANG
Single	6"	4-1/4"
	8"	6-1/4"
	10"	8-1/4"
Double	8"	3-1/8" / side
	10"	4-1/8" / side
	14"	6-1/8" / side



20-Min Applications:

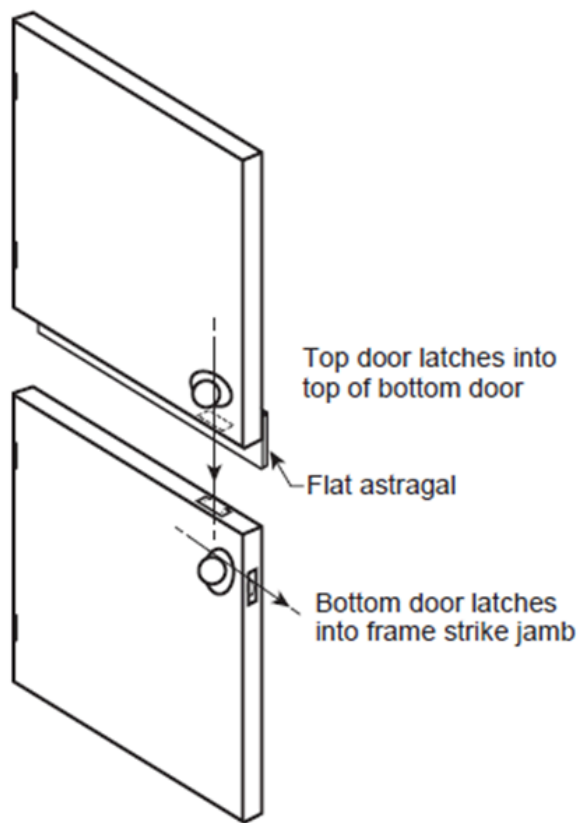
VT offers a 20min Cat A Dutch door allows up to 4'0" wide x 8'0" high (opening size). This approval also allows the Dutch door to be provided with a single shelf or without a shelf. Top and bottom leaves are not available to be sold separately for rated Dutch doors.

Requirements for 20-minute Dutch doors:

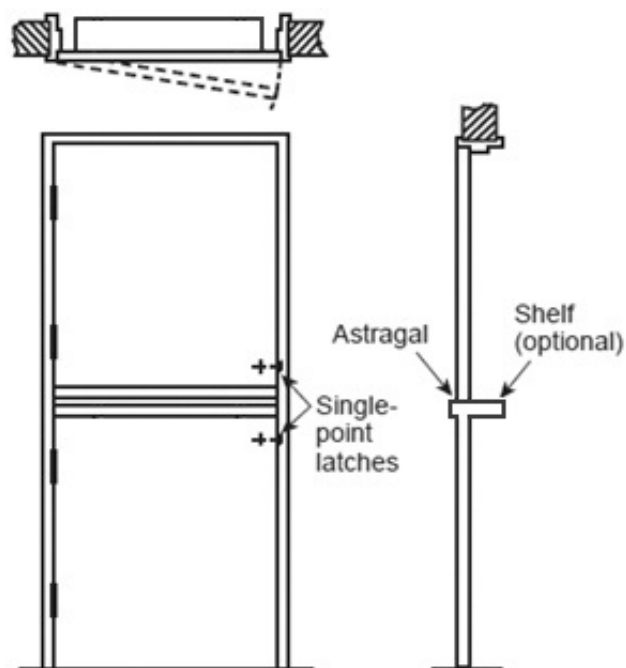
- All hardware must be 20-minute listed or better
- All hardware and hardware configurations must meet NFPA 80 requirements
- Fire labels are required on top and bottom leaves
- A maximum 1/8" (3.2mm) clearance between the top leaf and the bottom leaf of Dutch door
- Single Swing Only, Maximum Size: 4'0" wide x 8'0" high (Top leaf: 4'0" wide x 4'6" high)
- Door thickness: 1-3/4"
- Intumescent strip mortised into the bottom rail of the top leaf
- Astragals are required if both leaves are not self-closing
 - Aluminum flat astragal must be mounted on the bottom rail of the top leaf
- Astragal must not interfere with door latching or self-closing or shelf (See Figure a and Figure b)
 - Shelf restricted to one side only (Must allow for closing and latching)
 - When an astragal is used, the latch is only required in one leaf where the latched leaf prevents the second leaf from opening
 - Closing coordinator required

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- All labeled openings require doors to be self-closing and have self-latch latching devices
 - Self-closing:
 - 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)
 - Latching:
 - Both leaves must automatically latch into the door frame; or top leaf must latch into bottom leaf and bottom leaf must latch into frame using listed latch sets



(a) Dutch Door

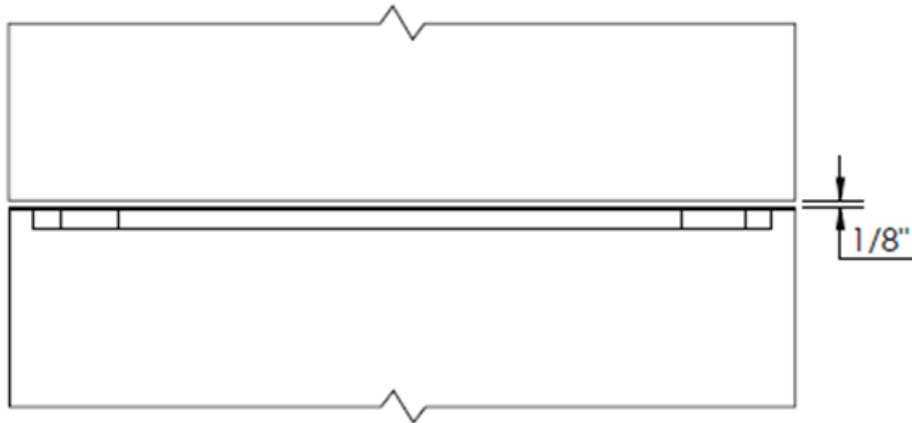


(b) Dutch Door with Two Latches

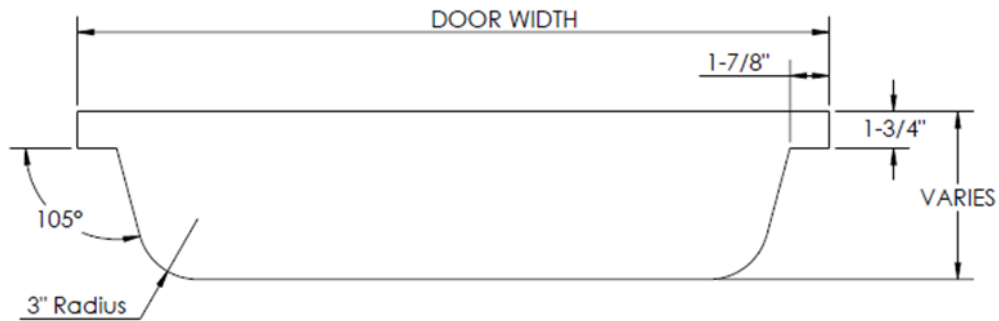
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Single Sided Shelf Details:

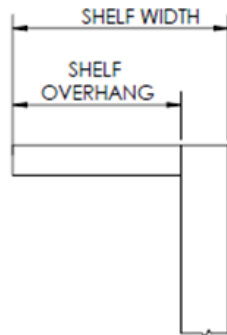
Face View



Top View



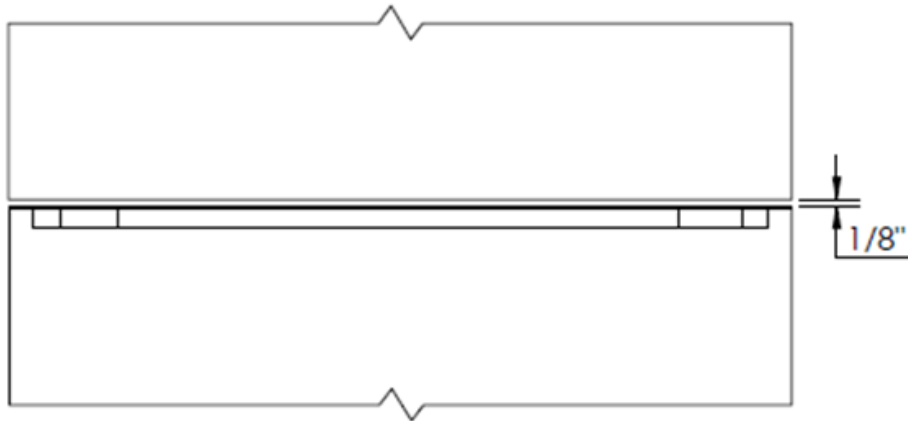
Cross Section View



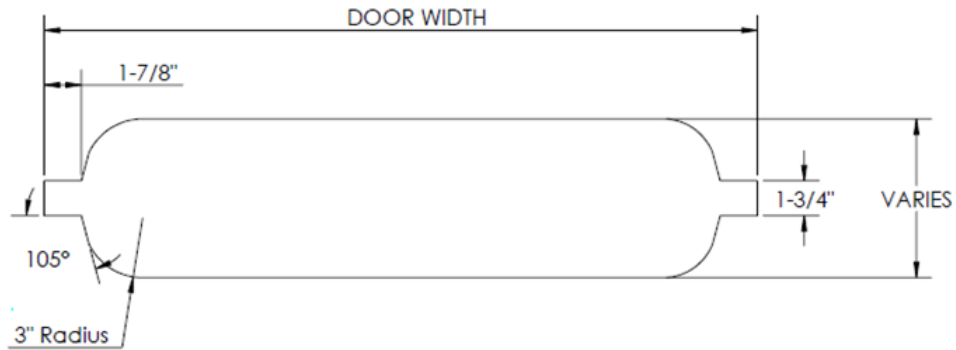
DUTCH DOORS

Double Sided Shelf Details:

Face View



Top View



Cross Section View

