




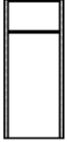
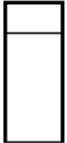
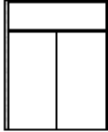
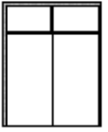
Product Update

Jan 16, 2024

#P413

Revision 03

Transoms

Transom Profile	Fire Rating*	Core Type	Maximum Opening Width	Maximum Opening Height	Maximum Transom Width	Maximum Transom Height
Square with No Transom Bar - Single 	Non-Rated	PC-3 PC-5, WSPC-5, SCLC-5	4'0"	10'0"	4'0"	4'0"
	20-minute (Neenah Facility)	PC-3 PC-5, WSPC-5, SCLC-5	4'0"	10'0"	4'0"	3'4"
	45-minute (Neenah Facility)	WSPC-5	4'0"	10'0"	4'0"	3'4"
	45-90-minute (Neenah Facility)	FD-5	4'0"	9'0"	4'0"	3'4"
Square with Transom Bar - Single 	Non-Rated	PC-3 PC-5, WSPC-5, SCLC-5	4'0"	10'0"	4'0"	4'0"
	20-minute	PC-5, WSPC-5, SCLC-5	4'0"	10'0"	4'0"	3'4"
	45-minute (Neenah Facility)	WSPC-5	4'0"	10'0"	4'0"	3'4"
	45-90-minute	FD-5	4'0"	9'0"	4'0"	3'4"
Rabbeted - Single 	Non-Rated (Holstein, Neenah Facilities)	PC-3 PC-5, WSPC-5, SCLC-5	4'0"	10'0"	4'0"	4'0"
	20-minute (Neenah Facility)	PC-5, WSPC-5, SCLC-5	4'0"	10'0"	4'0"	3'4"
	45-minute (Neenah Facility)	WSPC-5	4'0"	10'0"	4'0"	3'4"
	45-90-minute (Neenah Facility)	FD-5	4'0"	9'0"	4'0"	3'4"
Single Transom with Transom Bar - Pair 	Non-Rated	PC-3 PC-5, WSPC-5, SCLC-5	8'0"	10'0"	8'0"	4'0"
	20-minute	PC-5, WSPC-5, SCLC-5	8'0"	10'0"	8'0"	3'4"
	45-90-minute (Neenah, Two Rivers Facilities)	FD-5	8'0"	9'0"	8'0"	3'4"
Split Transom with Transom Bar - Pair 	Non-Rated	PC-3 PC-5, WSPC-5, SCLC-5	8'0"	10'0"	4'0"	4'0"
	20-minute	PC-5, WSPC-5, SCLC-5	8'0"	10'0"	4'0"	3'4"
	45-90-minute	FD-5	8'0"	9'0"	4'0"	3'4"

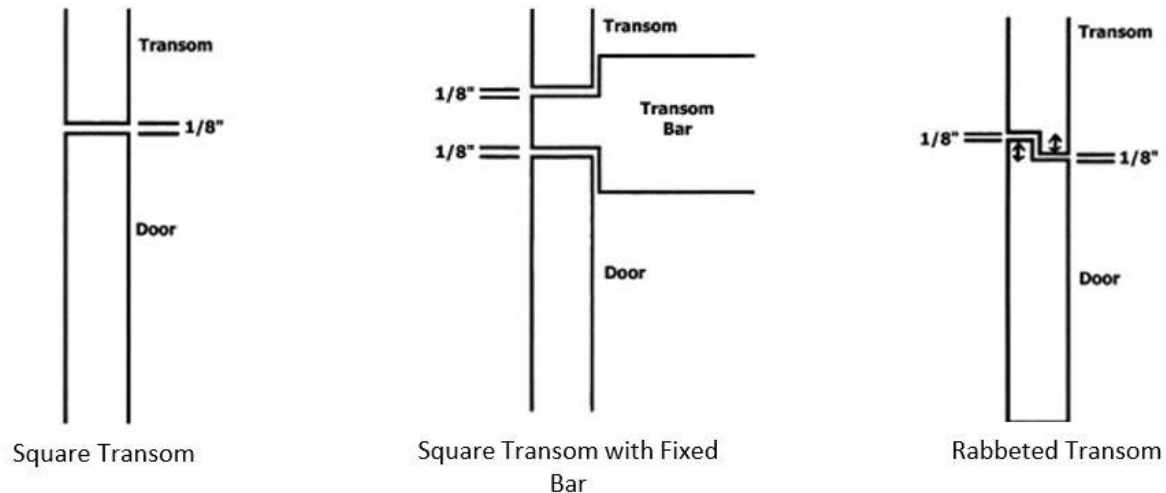
*Available for all facilities except as noted



Product Update

Clearances:

1. The clearance between the door(s) and transom are accounted for in the door trimming.
2. 1/8" frame clearance between the door(s) and transom is standard and required for fire ratings.



Transom Matching:

1. **Continuous Match** – Veneer extends from the bottom of the door to the top of the transom. Veneer may limit total door and transom height. Standard as available.
2. **End Match** – Veneer extends from bottom of the door to top of the door with mirror image at the transom. Available by request or as required.
3. **Matching Tolerance** – Single Door and Transom: 3/8"; Pair of doors and single transom: 1/2"

Installation:

Transoms are typically secured in the frame by using spring-bolts or frame stops secured to the frame after the transom is installed. For labeled applications spring bolts require a metal pin (with or without a plastic covering).

VT will not warranty doors with operational hardware or door latching into the transom. Fire rated doors require a transom bar between the door and transom panel when operational hardware, such as closers, or strikes (door can not latch into the panel).

As standard spring-bolts are machined in the vertical edges of the panels as noted:

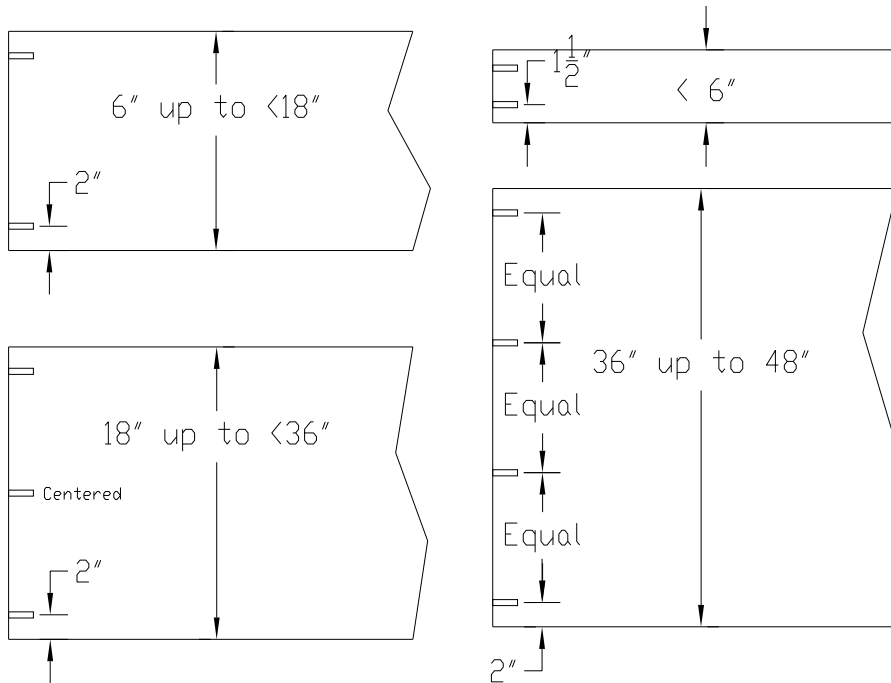
- Panels up to 18" having 2 bolts per side
- Panels up to 36" having 3 bolts per side
- Panels up to 48" having 4 bolts per side

Single transoms over a fire rated pair, spring-bolts required on horizontal edges with Fire Composite core construction. Spring bolts required 2" from the stile edges and maximum of 30" in between spring bolts.



Product Update

Standard Spring-bolt Locations (measured from the wide face of rabbeted transoms)



Applied Molding on Labeled Transoms:

1. Available 20-90 minutes
2. See Applied Moulding Product Update #238 for requirements

Lites in Transom

1. Non-rated transoms only
2. Neenah / Two Rivers Facilities
3. See Lite/Lock Product Update #P256 for requirements