



Product Update

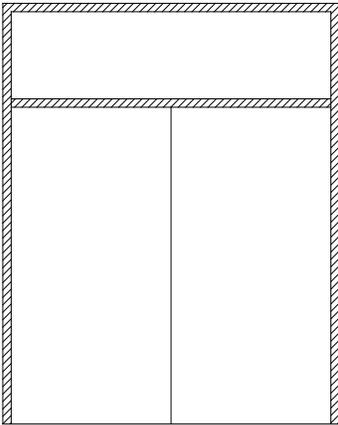
February 28, 2022

#P413

Revision 02

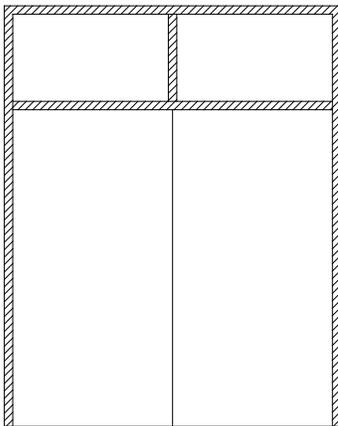
Transoms

Labeling:



Pair doors with a full-width transom, separated by a transom bar:

1. Doors may be rated 45 thru 90 minutes. Transom can be stamped, but not labeled. May be WHI labeled with Pyroforce construction.
2. 20-Minute full width transom (including rabbeted transoms) may be UL labeled, with or without a transom bar.
3. Available in neutral pressure or positive pressure Cat A or Cat B.



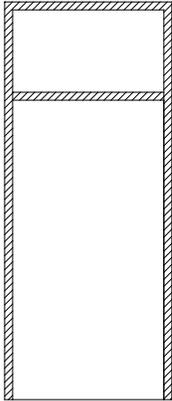
Pair doors with a split transom; doors and transoms separated by a transom bar:

1. Both the doors and transoms may be labeled for 20 thru 90 minutes.
2. Available in neutral pressure or positive pressure Cat A or Cat B.



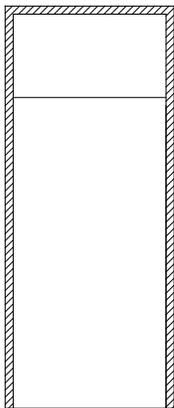
Product Update

Labeling (cont.):



Single door and transom separated by a transom bar:

1. Both the doors and transoms may be labeled for 20 thru 90 minutes.
2. Available in neutral pressure or positive pressure Cat A or Cat B.



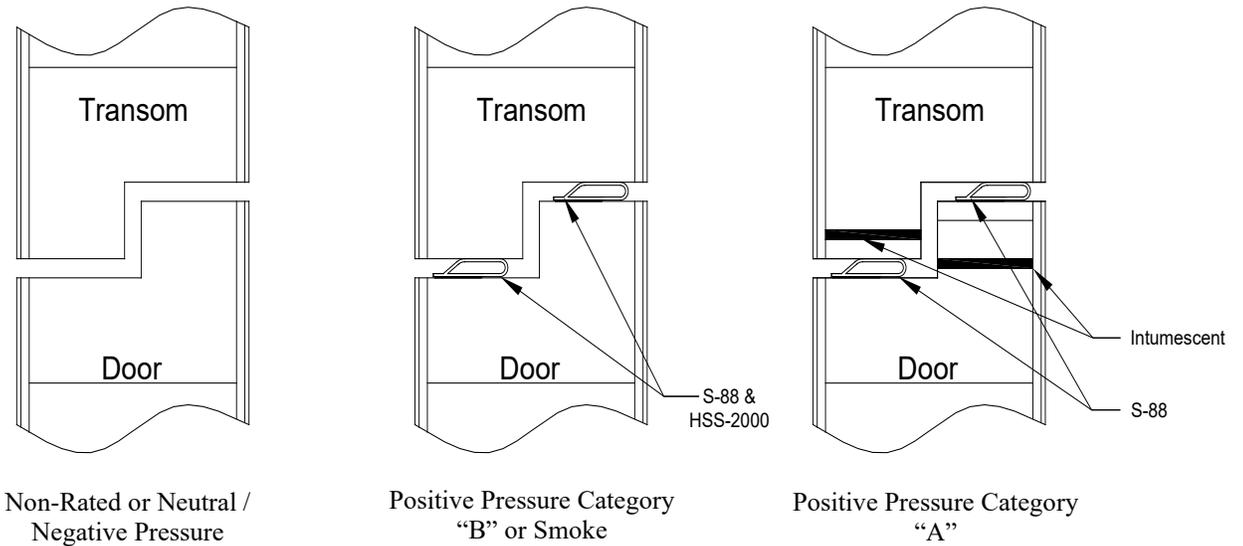
Rabbeted single door and transom:

1. Both the doors and transoms may be labeled for 20 thru 90 minutes.
2. Available in neutral pressure or positive pressure Cat A or Cat B.
3. When closer will be attached to the transom, refer to Info Bulletin 420 for blocking requirements. Refer to installation section below for special requirements.



Product Update

Gasketing:



Clearances:

Rating / Construction	Positive Pressure (A or B)	Non-Rated or Neutral / Negative Pressure
Transom with Transom Bar	1/4" width, 1/4" height	1/8" width, 1/8" height
Flat Cut Transom no Transom Bar	1/4" width, 1/8" height*	1/8" width, 1/16" height*
Rabbeted Cut Transom no Transom Bar	1/4" width, 1/8" height* (plus 1/2" for the rabbet)	1/8" width, 1/16" height* (plus 1/2" for the rabbet)

*The height clearance is for the transom to frame, the clearance between the door(s) and transom are accounted for in the door trimming.

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). When closer is attached to the transom frame stops are required on both faces of the transom for warranty; spring-bolts are not adequate for operational forces.

Where spring-bolts are used they are installed in the vertical edges of the panels with:
Panels up to 18" having 2 bolts per side

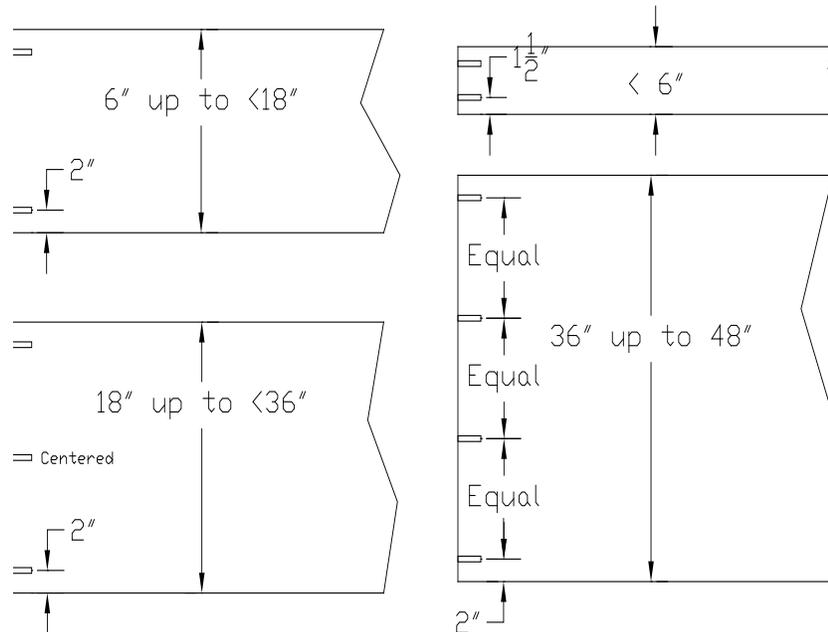


Product Update

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

*For single transoms over pair of doors, there will be a need for additional spring-bolts on horizontal edges required with Pyroforce core.

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



Lites in

Labeled

Transoms

1. Available with UL labels only for 20-90 minutes.
2. 20-minute transoms must have 5" from edge of door to edge of cutout.
3. 45, 60, 90-minute transoms must have 5 1/2" from cutout to edge of door.
4. You could have multiple lites, but margins must be adhered to.
5. Maximum height and square inches must be adhered to.
6. Any lite kit wood beads, veneered label beads, MVP's can be used with the same restrictions as in doors.

Applied Molding on Labeled Transoms:

1. Available with UL only for 20-90 minutes.
2. Untreated wood 1 1/2" high maximum x 6" wide maximum x varying lengths.
3. No maximum area of coverage.
4. If the transom has lites, the molding can cover the bead. In this case the transoms would be required to be factory glazed.