

Total Door listed products based on ITS/WHI testing

This document certifies that Intertek Testing Services/Warnock Hersey has fire, smoke infiltration, and cycle tested the TOTAL DOOR manufactured by Openings, of Pontiac, Michigan, and has certified the following for positive pressure fire resistance compliance under UBC Standard 7-2 (1997) Parts I and II and UL 10C (1998), and NFPA 252 (1999):

Frames:

All frame constructions shown in UL-63 are usable with Total Door. Total Doors may be used with all labeled frames of any manufacturer. Total Doors may be retrofitted to any existing labeled frames that are structurally sound.

FR-100 KD or welded, 20 minute to 3 hour, 18, 16, or 14 GA., cased with applied head stop, single or double rabbet, for masonry, drywall or structural steel walls, with a maximum door opening of 8' 4-3/8" x 10' 0".

Frame assemblies with side lights and/or transoms in masonry walls can have a maximum size of 13' 6" x 12' 0". In drywall the maximum size is 12' 8" x 11' 4".

FR-200 Six piece, prime or prefinished frame, 20 minute to 1 1/2 hour, cased with applied head stop, for masonry or drywall, with a maximum door opening of 8' 0" x 10' 0".

Tubular 2" x 2" or larger steel tube, 20 minute to 3 hour, with applied head stop, for single, pair or double egress, to maximum size of 8' 4-3/8" x 10' 0".

Note: Total Doors, single, pair or double egress, up to 1 1/2 hour may be mounted directly on masonry without the use of a metal frame.

Doors:

3 hour Steel doors, hollow core, with temperature rise over 650 degrees F., honeycomb, polystyrene or metal or stiffened with;

- a) 20, 18 or 16 Gauge skins
- b) Single swing with maximum size of 4' 0" x 8' 0"
- c) Pairs and double egress with maximum size of 8' 0" x 8' 0"
- d) Levers, operating push/pull grips and panic devices, all without the use of coordinators, flush bolts, astragals, vertical rods or floor strikes.

3 hour Steel doors, hollow core, with temperature rise less than 250 degrees F., with;

- a) 20, 18 or 16 Gauge skins
- b) Single swing with maximum size of 4' 0" x 8' 0"
- c) Pairs and double egress with maximum size of 8' 0" x 8' 0"
- d) Levers, operating push/pull grips and panic devices, all without the use of coordinators, flush bolts, astragals, vertical rods or floor strikes.

- 1 1/2 & 3/4 hour Steel doors, hollow core, with temperature rise less than 250 degrees F., with;
- 20, 18 or 16 Gauge skins
 - Single swing with maximum size of 4' 2-3/16" x 9' 0"
 - Pairs and double egress with maximum size of 8' 4-3/8" x 9' 0"
 - Levers, operating push/pull grips and panic devices, all without the use of coordinators, flush bolts, astragals, vertical rods or floor strikes.
- 1 1/2 & 3/4 hour Steel doors, hollow core, with temperature rise over 650 degrees F., honeycomb, polystyrene or metal stiffened with;
- 20, 18 or 16 Gauge skins
 - Single swing with maximum size of 4' 2-3/16" x 9' 0"
 - Pairs and double egress with maximum size of 8' 4-3/8" x 9' 0"
 - Levers, operating push/pull grips and panic devices, all without the use of coordinators, flush bolts, astragals, vertical rods or floor strikes.
- 20 minute (with hose stream), Steel doors, hollow core, honeycomb, polystyrene or metal stiffened with;
- 20, 18 or 16 Gauge skins
 - Single swing with maximum size of 4' 2-3/16" x 10' 0"
 - Pairs and double egress with maximum size of 8' 4-3/8" x 10' 0"
 - Levers, operating push/pull grips and panic devices, all without the use of coordinators, flush bolts, astragals, vertical rods or floor strikes.
- 20 minute Fire rated solid core wood doors with wood veneer, HPL, MDO and FRP
- Single swing with maximum size of 4' 0" x 9' 0"
 - Pairs and double egress with maximum size of 8' 0" x 9' 0"
 - Levers, operating push/pull grips and panic devices, all without the use of coordinators, flush bolts, astragals, vertical rods or floor strikes.
- Blast doors Very low range blast doors, one pound per square inch (VLR) are available in all labels except temperature rise, in sizes to 3'0" x 8'0", and in non-labeled removable mullion pairs up to 3'0" x 8'0".
- Closers. Mortised closers are approved for all fire ratings including three (3) hour.
- Electric Electric doors, with inclusion of a solenoid for remote control of locking/latching is approved on all labels as part of the door system. A separate label for the solenoid is not required.
- Holders Mortised semi-concealed electromagnetic holder mounted in the door for all labels.
- Lead One-sixteenth inch lead-lined doors are available in all labels on steel doors of up to 28 square feet in single swing. Pairs of doors may be any size up to 4'0" x 7'0" with maximum 1/32" thick lead.
- Lights Labeled vision lights on all fire doors with lite kits labeled for Positive Pressure, under standard Firelite & Pemko procedures when acceptable to the Authority having Jurisdiction.

- Kickplates Kickplates of any height, when using Openings standard bonded wraparound kickplates without mechanical fasteners for all labels.
- Panics Panic exit devices have been tested for compliance to UL305 door for all labels.
- Pockets Pocket door applications using any closer labeled for positive pressure. When the closer is mounted on the wall, the wall must be reinforced and the closer installed per the TOTAL DOOR installation drawings. The certification applies to 90 degree through 180 degree installations.
- Smoke & Draft The S mark signifying the acceptance to UBC Standard 7- 2 (1997) Part II may be applied to the label.
- Special finishes: All labeled steel doors including temperature rise may have high pressure laminate, genuine wood veneers, PVC, FRP, stainless steel, aluminum or brass faces one or both sides.



Monday, December 26, 2005

Total Door listed products based on Certified Testing Laboratories testing

The following doors were tested by Certified Testing Laboratories, 7252 Narcoossee Road, Orlando, FL 32822, and have the ratings indicated.

Blast doors have a rating of 180 pounds per square foot (1.25 PSI) on single swing up to 3' 0" x 7' 2" and pairs up to 6' 0" x 7' 2" both in swing and out swing.

Hurricane doors Have design load ratings of 70 and 80 pounds per square foot on single swing up to 3' 0" x 7' 2" and on pairs up to 6' 0" x 7' 2" both in swing and out swing.

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