

# WB-FR Standard Fire-Rated Access Door



REPRESENTED BY

## DETAIL & SUBMITTAL SHEET

**Project:**

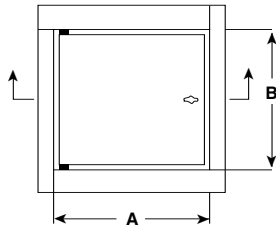
**Specification Reference:**

**Contractor:**

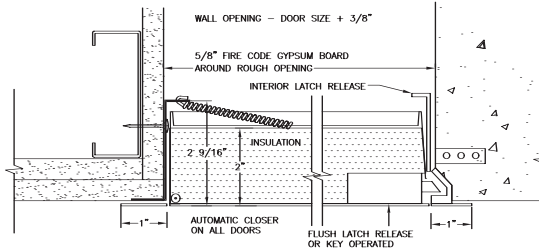
**Architect:**

**Date:**

**Fire-rated access door installed in drywall-clad stud wall**



**ELEVATION**



**SECTION DETAIL**

**Fire-rated access door installed in three-hour ceiling system**

On size 16" x 16" and larger, extra spring supplied with door must be attached from back of door pan to framing or floor above in such a manner to insure that door is self-closing



Underwriter Laboratories; Northbrook, IL , 1 1/2 hour "B" label 250 F maximum temperature rise in 30 minutes, for vertical wall installations. File # R 10364 .

Warnock Hersey International; Pittsburgh, CA 1 Hr. rating for combustible floor/ceiling assembly. Report # WHI-495-PSH-0191. Warnock Hersey International, Pittsburgh, CA 3 Hr. rating for non-combustible floor/ceiling assembly, Report # WHI-495-PSH-0192. This door may be used in a 2 hr. fire- rated wall assembly.



### CONSTRUCTION FEATURES:

**Door:** 18 ga. steel.

**Return Frame and Trim:** 16 ga. steel.

**Insulation:** 1-7/8" thick mineral wool contained within door cavity.

**Hinge:** Fully concealed, pivot type hinge. Allows opening to 170°.

**Latches:** Self-latching direct action latch, opposite hinge. The latch will accept both key and knurled knob, which will be included with each door.

**Automatic Panel Closer:** Furnished on all doors.

**Inside Panel Release:** Furnished on all doors.

**Finish:** Electrostatically applied baked grey enamel, over rust-inhibiting phosphate treated steel. This coating can be used as a finish or as a prime coat.

**Optional Finish:** (AT EXTRA COST)

- Stainless Steel Type 304 or 316

**Options:** (AT EXTRA COST)

- Mortise Cylinder Prep
- Pemko Hot Smoke Seal Gasketing

**Ceiling Installation:** To comply with current fire regulations, largest size acceptable is 24" x 36".

A B Door Size	Wall Opening	Hinges	Slam Catch	Shipping Wt. Ea. Lbs. Steel/Stainless
8"x8"	8 1/4"x8 1/4"	1	1	7*
10"x10"	10 1/4"x10 1/4"	1	1	10
12"x12"	12 1/4"x12 1/4"	1	1	12*
12"x18"	12 1/4"x18 1/4"	1	1	19
12"x24"	12 1/4"x24 1/4"	1	1	18
14"x14"	14 1/4"x14 1/4"	1	1	15
16"x16"	16 1/4"x16 1/4"	1	1	18*
18"x18"	18 1/4"x18 1/4"	1	1	21*
18"x24"	18 1/4"x24 1/4"	1	1	26
20"x20"	20 1/4"x20 1/4"	1	1	26
20"x30"	20 1/4"x30 1/4"	1	2	38
21"x36"	21 1/4"x36 1/4"	1	1	43
22"x22"	22 1/4"x22 1/4"	1	1	29
22"x24"	22 1/4"x24 1/4"	1	1	30
22"x30"	22 1/4"x30 1/4"	1	2	37
22"x36"	22 1/4"x36 1/4"	1	2	44
24"x24"	24 1/4"x24 1/4"	1	1	32*
24"x30"	24 1/4"x30 1/4"	1	2	40
24"x36"	24 1/4"x36 1/4"	1	2	46
• 24"x48"	24 1/4"x48 1/4"	1	2	62
• 30"x30"	30 1/4"x30 1/4"	1	2	50
• 32"x32"	32 1/4"x32 1/4"	1	2	54
• 36"x36"	36 1/4"x36 1/4"	1	2	67
• 36"x48"	36 1/4"x48 1/4"	1	2	83
• 48"x48"	48 1/4"x48 1/4"	1	2	104

\*Standard in Stainless Steel • Intended for vertical (wall) application only.



**THE WILLIAMS BROTHERS CORPORATION**

**Corporate Office:**  
777 Tapscott Rd.  
Scarborough, Ontario  
M1X 1A2

**Phone:** (416) 299-7767  
**Fax:** (416) 299-8039  
**Toll free tel.:** 1-888-575-1132  
**Toll free fax:** 1-888-575-1134

[www.williams-brothers.com](http://www.williams-brothers.com)  
[sales@williams-brothers.com](mailto:sales@williams-brothers.com)