

SUBMITTAL: FD2D™ SERIES 2 HOUR FIRE-RATED ACCESS PANEL DOUBLE DOOR

The largest two hour ceiling door available on the market, offering architects and engineers unprecedented flexibility in designing. Double leaf reduces the swing radius and clears objects which interfere with the opening of the door. Tested and listed by Intertek (Warnock Hersey) for a two hour fire rating.

Materials: Satin finish galvanized steel or 304 stainless steel

Frame: 16 ga up to and including 30" x 48". Larger sizes are 14 ga. Removable center mullion (max 48"). Frame Depth 2 1/4". Minimum size 18" x 18"

Wall Trim: 7/8" up to and including 36" x 36". Larger sizes are 1-1/4" (32mm).

Door Panel: 18ga, liner 22ga with slam latch.

Insulation: The door panel contains 1 1/2" of high temperature insulation material.

Fuel Contribution: 0 Smoke Developed: 0

Finishes: Rust-inhibitive off-white prime coat or # 4 polished stainless steel finish on exterior surface.

Hinges: Concealed continuous rod hinge. 48" or longer in wall position will be a continuous piano hinge. Hinge is the "H" dimension.

Panel Closer: The automatic panel closer will close and latch the door from an open position of approximately 90° as required by code.

Latch: The standard factory installed latch is a flush mount 1/4" allen key. All fire-rated locks are self-latching and include an interior latch release mechanism allowing the doors to be opened from the inside.



This model of wall and ceiling fire-rated panels is manufactured under the factory inspection service of Intertek Warnock Hersey) and have a label reading: "Listed access frame and insulated fire door assembly 2 hour fire rating. Vertical and Horizontal Installation. Temperature rise maximum 139° C / 250° F at 30 minutes, 250° C / 450° F at 60 minutes. Non-Combustibility Classification: CAN/ULC S114, ASTM E136 CAN/ULC S102 ASTM E84,UL723

THIS MODEL AVAILABLE IN 3 HOUR RATING ALSO—SEE SEPARATE SUBMITTAL

STEP 1: SELECT MODEL NUMBER AND QUANTITY ON CHART PAGE 2

Rough Opening is order size **Other Size:** ___ Inches Wide x ___ Inches High

STEP 2: SELECT APPLICATION

___ Wall ___ Ceiling

STEP 3: SELECT MATERIAL

___ Satin finish galvanized steel ___ 304 No. 4 polished stainless steel exterior

STEP 4: SELECT OPTIONAL FEATURES AT ADDITIONAL COST

Latches: ___ Raised knurled knob (KK) ___ Non Locking Handle (N) ___ Central two point latch operator w/handle (2P)

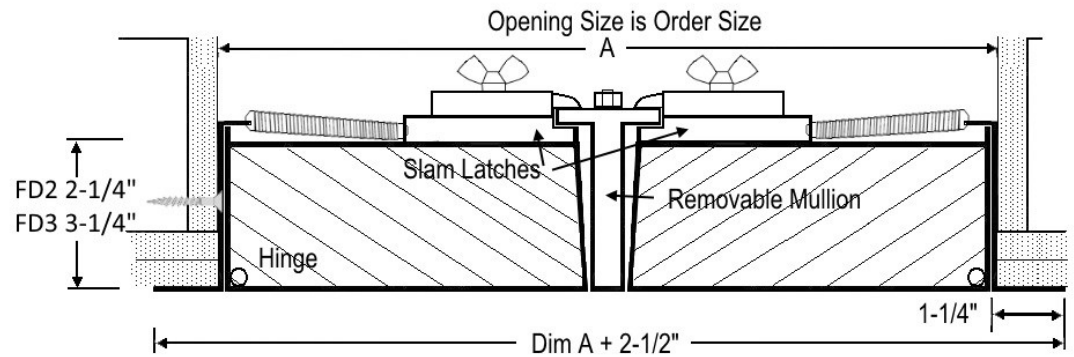
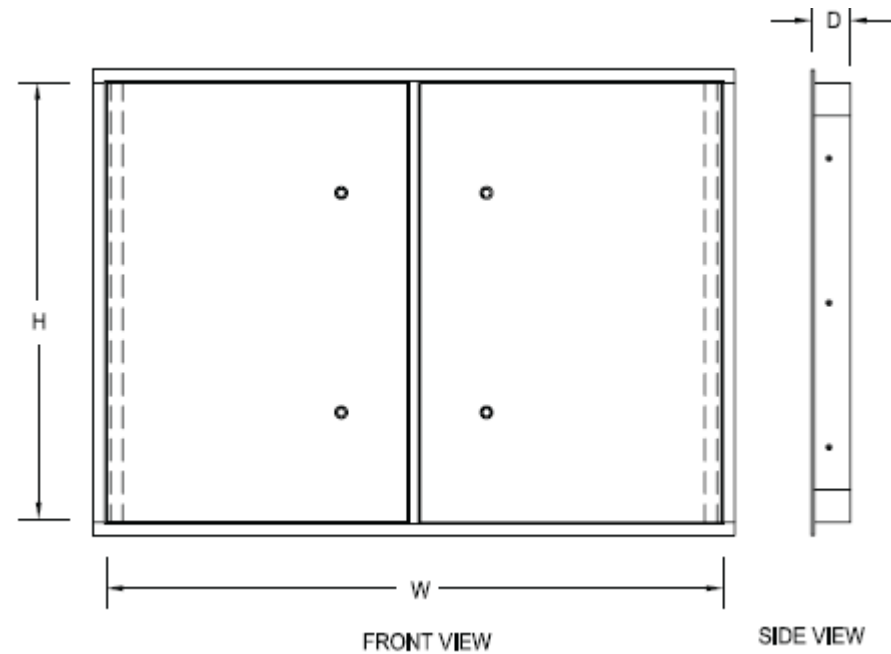
Lock: ___ 1 1/8" mortise prep complete with mortise cylinder (MPI) ___ 1 1/8" mortise prep only (MP)
 ___ Panels with 2 latches; Select one combination from the following: ___ (1) 1-1/8" MPI & (1) A
 ___ (1) 1-1/8" MP and (1) A ___ (2) 1-18" MP ___ (2) 1-1/8" MPI

Other: ___ Continuous piano Hinge under for under 48" panel. ___ Masonry Straps.

LATCH AND LOCK OPTIONS			
Standard (A) 1/4" Allen Key	Optional Knurled Knob (KK)	Optional Mor- tise Lock (MPI)	Optional Non- Locking Handle (N)

<p>Toll Free Phone: 1-800-483-0823 International: +1-(718) 841-7448 Toll Free Fax: 1-888-828-6021 Email: info@bestaccessdoors.com Website: www.bestaccessdoors.com</p>	Distributor:	Quantity:
	Contractor:	Approved By:
	Model:	Architect:
	Project:	Date:

QTY	Rough Opening is Order Size W x H (H = Hinge Side)		No. of Latches/Locks	Approx Weight Kgs	Approximate-Weight Lbs.
	Inches	Metric(mm)			
2 HR WALLS OR CEILINGS					
	24 x 24	610 x 610	2	25	35
	36 x 48	914 x 1219	2	39	85
	40 x 40	1016 x 1016	2	38	84
	40 x 48	1016 x 1219	4	43	94
	48 x 36	1219 x 914	2	36	79
	48 x 40	1219 x 1016	4	49	107
	48 x 48	1219 x 1219	4	35	78
	60 x 24	1524 x 610	2	41	90
	60 x 30	1524 x 762	2	48	105
	60 x 36	1524 x 914	4	42	93
	60 x 40	1524 x 1016	4	52	114
	60 x 48	1524 x 1219	4	61	135
ADDITIONAL SIZES 2 HR WALL ONLY BELOW					
	24 x 60	610 x 1524	4	34	74
	36 x 60	914 x 1524	4	51	111
	40 x 60	1016 x 1524	4	54	120
	48 x 60	1219 x 1524	4	64	140



Net Opening = Width minus 6" (153mm) , Height minus 1-1/2" (39 mm)

Other sizes available upon request for all Models.