

ASSA ABLOY

Single Hollow Metal Doors Flush

STC Rating Operable	Max. Fire Rating	Hinges	Locks
55	No	Continuous	Cylindrical
54	No	Butt	Cylindrical
53	No	Butt	Cylindrical / Mortise
	90 Minute *	Cam Lift	Cyl / Rim / Mort
52	3 Hour	Butt	Cylindrical / Mortise
51	3 Hour	Butt	Cyl / Rim / Mort
50	3 Hour	Butt	Cyl / Rim / Mort / Military
	90 Minute *	Continuous	Cyl / Rim / Mort
49	3 Hour	Butt	Mort / Rim / Cyl / Military
48	3 Hour	Butt	Mort / Rim / Cyl / Military
47	3 Hour	Butt	Mort / Rim / Cyl / Military
	90 Minute *	Cam Lift	Cyl / Rim / Mort
46	3 Hour	Butt	Mort / Rim / Cyl / Military
	90 Minute	Butt	Mortise / Cylindrical
	90 Minute *	Butt	Cyl / Rim / Mort
45	90 Minute	Butt	Cyl / Rim / Mort
	90 Minute *	Butt	Cyl / Rim / Mort
44	90 Minute	Butt	Cyl / Rim / Mort
43	90 Minute	Butt	Cyl / Rim / Mort
	3 Hour	Butt	Mortise / Cylindrical
42	90 Minute	Butt	Cyl / Rim / Mort
41-39	90 Minute	Butt	Cylindrical / Mortise
38-32	3 Hour	Butt	Cylindrical / Mortise

* Whisper Core SE Series

Single Hollow Metal Doors Glazed

STC Rating Operable	Max. Fire Rating	Hinges	Locks	Glazing	Max. Visible Area
49	90 Minute *	Cam Lift	Cyl / Rim / Mort	Yes	150 sq in
48	3 Hour	Butt	Cylindrical	Yes	100 sq in
	90 Minute *	Cam Lift	Cyl / Rim / Mort	Yes	100 sq in
47	3 Hour	Butt	Mortise / Cylindrical	Yes	100 sq in
46	3 Hour	Butt	Cyl / Rim / Mort	Yes	100 sq in
	45 Minute *	Cam Lift	Cyl / Rim / Mort	Yes	864 sq in
45	90 Minute	Butt	Cylindrical	Yes	288 sq in
44	90 Minute	Butt	Mortise / Cylindrical	Yes	288 sq in
43	90 Minute	Butt	Cyl / Rim / Mort	Yes	288 sq in
42	90 Minute	Butt	Cyl / Rim / Mort	Yes	288 sq in
41	90 Minute	Butt	Cyl / Rim / Mort	Yes	288 sq in
	90 Minute	Butt	Cylindrical	Yes	720 sq in
40	90 Minute	Butt	Mortise / Cylindrical	Yes	720 sq in
39	90 Minute	Butt	Cyl / Rim / Mort	Yes	720 sq in
38	90 Minute	Butt	Cyl / Rim / Mort	Yes	720 sq in
37	90 Minute	Butt	Cyl / Rim / Mort	Yes	720 sq in
36	90 Minute	Butt	Cyl / Rim / Mort	Yes	720 sq in
33	90 Minute	Butt	Cyl / Rim / Mort	Yes	720 sq in

* Whisper Core SE Series

Single Embossed Panel Steel Doors

STC Rating Operable	Max. Fire Rating	Hinges	Locks	Door Design
47	No	Butt	Cylindrical	6 Panel
46	No	Butt	Cylindrical / Mortise	6 Panel
46	No	Butt	Cylindrical	2 Panel HD
45	No	Butt	Cylindrical / Mortise	2 Panel HD
40-45	No	Butt	Cyl / Rim / Mort	6 Panel
40-44	No	Butt	Cyl / Rim / Mort	2 Panel HD

Pairs of Hollow Metal Doors Flush

STC Rating Operable	Max. Fire Rating	Hinges	Locks	Glazing
49	No	Butt	SVR / Cylindrical	No
48	No	Butt	SVR / Cylindrical / Mort	No
47	No	Butt	SVR / Cylindrical	No
46	No	Butt	SVR / Cylindrical / Mort	No
45	90 Minute	Butt	SVR / Cylindrical	No
44-42	90 Minute	Butt	SVR / Cylindrical / Mort	No
41-32	90 Minute	Butt	Cyl / Mort / Flush Bolt	No

If pair swing test reports are specified, consult factory

Pairs of Hollow Metal Doors Glazed

STC Rating Operable	Max. Fire Rating	Hinges	Locks	Glazing	Max. Visible Area
44	No	Butt	Cylindrical	Yes	100 sq in
	No	Butt	SVR	Yes	100 sq in
43	No	Butt	Cylindrical/Mortise	Yes	100 sq in
41	No	Butt	Cylindrical	Yes	288 sq in
	No	Butt	SVR	Yes	288 sq in
40	No	Butt	Cylindrical/Mortise	Yes	288 sq in
	90 Minute	Butt	Cylindrical	Yes	100 sq in
	90 Minute	Butt	SVR	Yes	100 sq in
39	90 Minute	Butt	Cylindrical/Mortise	Yes	100 sq in
38	No	Butt	Cylindrical	Yes	720 sq in
	No	Butt	SVR	Yes	720 sq in
37	90 Minute	Butt	Cylindrical	Yes	288 sq in
	90 Minute	Butt	SVR	Yes	288 sq in
	No	Butt	Cylindrical/Mortise	Yes	720 sq in
36	90 Minute	Butt	Cylindrical/Mortise	Yes	288 sq in
34	90 Minute	Butt	Cylindrical	Yes	720 sq in
	90 Minute	Butt	SVR	Yes	720 sq in
33	90 Minute	Butt	Cylindrical/Mortise	Yes	720 sq in

If pair swing test reports are specified, consult factory

Single Wood Doors

STC Rating	Max. Fire Rating	Hinges	Locks	Glazing	Max. Visible Area
50	20 Minute *	Cam Lift	Cyl / Rim / Mort	No	
45	No *	Cam Lift	Cyl / Rim / Mort	Yes	370 sq. in.
	20 Minute *	Butt	Cyl / Rim / Mort	No	

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Single Hollow Metal Doors With Wood Veneer

90 minute fire ratings can be provided when a plastic laminate is specified

STC Rating	Max. Fire Rating	Hinges	Locks	Glazing	Max. Visible Area
53	No *	Cam Lift	Cyl / Rim / Mort	No	
52	No *	Cam Lift	Cyl / Rim / Mort	No	
51	No *	Cam Lift	Cyl / Rim / Mort	No	
50	No *	Cam Lift	Cyl / Rim / Mort	No	
49	No *	Cam Lift	Cyl / Rim / Mort	Yes	160 sq. in.
	No *	Cam Lift	Cyl / Rim / Mort	No	
48	No *	Cam Lift	Cyl / Rim / Mort	Yes	100 sq. in.
	No *	Cam Lift	Cyl / Rim / Mort	No	
47	No *	Cam Lift	Cyl / Rim / Mort	No	
46	No *	Butt	Cyl / Rim / Mort	No	
	No *	Cam Lift	Cyl / Rim / Mort	Yes	864 sq. in.
45	No *	Butt	Cyl / Rim / Mort	No	
	No *	Cam Lift	Cyl / Rim / Mort	Yes	864 sq. in.
43	No *	Butt	Cyl / Rim / Mort	No	
42	No *	Butt	Cyl / Rim / Mort	No	
41	No *	Butt	Cyl / Rim / Mort	No	
	No *	Butt	Cyl / Rim / Mort	No	

* Whisper Core SE Series

Hollow Metal Windows

STC Rating Fixed	Max. Fire Rating	Glazing	Max. Visible Area
57	45 Minute *	3/8" & 1/2" Lam	21 ft ²
50	45 Minute *	1/4" & 1/2" Lam	16.5 ft ²
40	45 Minute *	1/2" Lam	16.5 ft ²
36	45 Minute *	1/4" Lam	16.5 ft ²

Fleming is capable of providing STC evaluations for products requiring other Acoustical performance requirements. Contact Fleming for job specific details.

* Whisper Core SE Series

Fleming Door Products

101 Ashbridge Circle
 Woodbridge, Ontario Canada
 L4L 3R5
 Tel: (416) 749-2111
 Toll Free: (800) 263-7515
 Fax: (905) 851-8346
www.flemingdoor.com

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