

FRAME DESCRIPTION	RATING			MAXIMUM DOOR OPENING SIZES	SINGLE SWING	PAIR SWING	12 GAUGE (0.093 MIN)	14 GAUGE (0.067 MIN)	16 GAUGE (0.053 MIN)	WALL				HOSPITAL STOP	STAINLESS STEEL	MAXIMUM DOOR OR GLASS OPENING SIZE	MAXIMUM TRANSOM OPENING SIZE
	3 HOUR CLASS A	1 1/2 HOUR CLASS B & D	3/4 HOUR CLASS C & E							NEW MASONRY	EXISTING MASONRY	PRE-SET STUD	METAL STUD				
THREE SIDED FRAMES ①	X	X	X	4'0" X 10'0"	X		X	X	X	X	X	X	X	X	X		
	X	X	X	8'0" X 10'0"		X	X	X	X	X	X	X	X	X	X		
DOUBLE EGRESS FRAMES	X	X	X	8'0" X 10'0"		X	X	X	X	X		X	X		X		
TRANSOM FRAME WITH BAR 1 3/4 PANEL	X	X	X	3'6" X 10'0"	X	X	X	X	X	X	X		X	X	X	3'6" X 7'2"	3'6" X 7'2"
	X	X	X	7'0" X 10'0"		X	X	X	X	X	X		X	X	X	3'6" X 7'2"	7'0" X 3'0"
TRANSOM FRAME WITH BAR SANDWICH PANEL	X	X	X	4'0" X 10'0"	X		X	X	X	X	X		X	X	X	4'0" X 10'0"	4'0" X 2'8"
	X	X	X	8'0" X 10'0"		X	X	X	X	X	X		X	X	X	8'0" X 10'0"	8'0" X 2'8"
TRANSOM FRAME NO BAR 1 3/4" PANEL	X	X	X	4'0" X 10'0"	X		X	X	X	X	X		X	X	X	4'0" X 9'0"	4'0" X 4'6"
	X	X	X	8'0" X 10'0"		X	X	X	X	X	X		X	X	X	8'0" X 8'0"	7'0" X 4'0"
MULTI-SWING DOOR FRAME		X	X	12'0" X 8'0"	X	X	X	X	X	X	X				X	8'0" X 8'0"	
THREE SIDED TWO PIECE FRAME		X	X	4'0" X 10'0"	X			X	X				X				
THREE SIDED FRAME POSITIVE PRESSURE UBC 7-2 & UL 10C ②		X	X	4'0" X 10'0"	X		X	X	X	X	X		X	X	X		
		X	X	8'0" X 10'0"		X	X	X	X	X	X		X	X	X		

Notes:

- ① KDPF 4'0" X 8'0" max. for single door openings and 8'0" X 8'0" max. for double door openings  
Max 1-1/2 Hour (90 Minute Rating)  
KDPF not available in stainless steel
- ② Includes double egress frames

RATING	FRAME TYPE	MAX O/A SIZE - ANY ANCHOR		MAX O/A SIZE - MAS ANCHOR		MAX GLASS SIZES		TOTAL SIZE (IN <sup>2</sup> )
		WIDTH	HEIGHT	WIDTH	HEIGHT	WIDTH	HEIGHT	
20 Minute without hose stream	Sidelight with 1/4" glazing	13'-6"	12'-0"	13'-6"	12'-0"	101-1/2"	101-1/2"	3831*
	Window with 1/4" glazing	13'-6"	12'-0"	13'-6"	12'-0"	109-3/4"	109-3/4"	5286
3/4 Hour (45 Minute) "C" Label	Sidelight with 1/4" glazing	12'-10"	11'-4"	13'-6"	12'-0"	54"	54"	1296
	Window with 1/4" glazing	8'-0"	10'-0"	12'-0"	11'-4"	33"	48"	1296
1 Hour (60 Minute) "B" Label	Sidelight with specialty glazing	10'-2"	10'-1"	10'-2"	10'-1"	54"	77-3/4"	2721**
	Window with specialty glazing	8'-0"	10'-0"	12'-0"	11'-4"	95"	95"	3325**
1-1/2 Hour (90 Minute) "B" Label	Sidelight with specialty glazing	10'-2"	10'-1"	10'-2"	10'-1"	46-1/2"	56-1/2"	2627**
	Window with specialty glazing	8'-0"	10'-0"	12'-0"	11'-4"	46-1/2"	56-1/2"	2627**

- Specialty glazing is any UL Listed Glazing Material - See individual manufacturer data for glazing limitations
- Total area of exposed glass per glass opening cannot exceed the in<sup>2</sup> shown.
- Sloped head permitted at 20-minute rated frames, Max overall size 13'-2" x 11'-7".
- Segmented radius permitted at 20-minute sidelight frames.
- Minimum 3/4" stop height at 3/4 Hour—"C" Label window frames with more than 500 in<sup>2</sup> exposed glass
- Double glazing permitted at 3/4 Hour—"C" Label frames—1/4" rated glass one rabbet and 1/4" non-rated one rabbet.
- Segmented radius frames and multi-angled corner frames are available with ratings up to 3/4 Hour—"C" Label.
- Consult the factory for additional information and other limitations.
- All glazing material by others, glazing bead by MPI.

The intent of this chart is to provide general information only. All information subject to change, consult factory for latest information and specific data pertaining to individual job requirements.