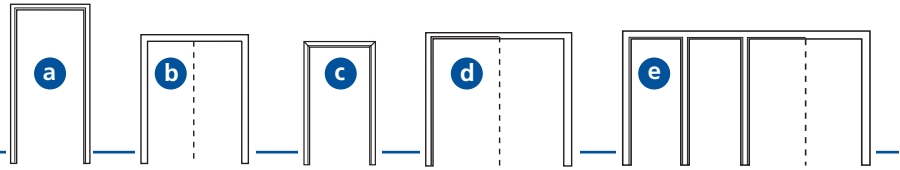




CURRIES™

FIRE LISTED
DOORS AND FRAMES
COMPLYING
UL10B
UL10C
UBC 7-2-97

Fire Labeled Frames



CURRIES fire doors and frames are available with either Underwriters Laboratories, Inc., or Warnock Hersey International Labels.

a Single Swing Frame – 3 Hour Rated
 Max. Size: 4'0" (1219) wide x 10'0" (3048) high
 Jamb Depth: 3" (76) min., 14" (356) max.
 Face Dimensions: Masonry 1" (25) to 4" (102)
 Drywall 1 1/4" (32) to 6" (152)
 Material Thickness: 16 gauge min., 12 gauge max.
 Construction: Knock-Down or Welded
 Anchors: Masonry, Wood Stud, Steel Stud (loose or welded)

b Double Swing Frame
 Max. Size: 3 hr. 8'0" (2438) wide x 10'0" (3048) high
 Jamb Depth: 3" (76) min., 14" (356) max.
 Face Dimension: Masonry 1" (25) to 6" (152)
 Drywall 1 1/4" (32) to 6" (152)
 Material Thickness: 16 gauge min., 12 gauge max.
 Construction: Knock-Down or Welded
 Anchors: Masonry, Wood Stud, Steel Stud (loose or welded)
 Note: Frames with fixed mullion available, Max. 8'0" (2438) high

c Knock-Down Slip-On Drywall Frame – 1-1/2 Hour Rated
 Max. Size: Single 4'0" (1219) wide x 9'0" (2743) high; Pairs 8'0" (2438) wide x 7'2" (2184) high or 7'0" (2134) wide x 9'0" (2743) high
 Jamb Depth: 3 1/4" (83) min. on frames up to and including 3'6" (1067) wide x 7'0" (2134) high, 4 5/8" (117) on frames above 3'6" (1067) wide x 7'0" (2134) high, 14" (356) max.
 Face Dimension: 1 1/2" (38), 1 3/4" (44) and 2" (51) only
 Material Thickness: 16 gauge and 14 gauge only with UL and WHI.
 Construction: Knock-Down Screw Lock Corner
 Anchors: Screw Adjustable Compression Type. Security anchors welded into hinge and strike jambs are standard.

d Double Egress
 Max. Size: 3 hr. 8'0" (2438) wide x 10'0" (3048) high
 Jamb Depth: 4 3/4" (121) min., 14" (356) max.
 Face Dimensions: 1 3/8" (35) min., 6" (152) max.
 Material Thickness: 16 gauge min., 12 gauge max.
 Construction: Knock-Down or Welded
 Anchors: Masonry, Wood Stud, Steel Stud (loose or welded)
 NOTE: Double Egress frames are for use only with CURRIES UL approved metal doors or any listed double egress wood doors.

e Multiple Opening Frame
 Max. Size: 12'8" (3861) wide x 8'2" (2489) high
Masonry and Drywall Return Frames:
 Jamb Depth: 4 3/4" (121) min., 14" (356) max.
 Mullion Depth: 4 3/4" (121) min., 10 1/2" (267) max.
 Jamb Face Dimension: 2" (51) min.,

4" (102) max.
 Mullion Face Dimension: 2" (51) min., 4" (102) max.
Double Egress: Jamb Depth: 4 3/4" (121) min., 14" (356) max.
 Mullion Depth: 4 3/4" (121) min., 14" (356) max.
 Head Face Dimension: 1 3/8" (35) min., 4" (102) max.
 Jamb Face Dimension: 2" (51) min., 4" (102) max.
 Mullion Face Dimension: 2" (51) min., 4" (102) max.
 Limitations: 1 1/2 hour (B) rated doors may be installed into this opening. Four doors in any combination of single, pairs or double egress, Welded construction only! CURRIES steel doors must be used in this opening. A 3/4" (19) latch throw is required on multiple opening frames.

f Transom Panel Frame Without Transom Bar – 3 Hour Rated
 Max. Hollow Metal Transom Panel Size: 96" (2438) wide x 40" (1016) high
 Max. Frame Opening Size: 8'0" (2438) wide x 10'0" (3048) high
 Jamb Depth: 5" (127) min., 14" (356) max.
 Face Dimensions: 2" (51) min., 4" (102) max.
 Material Thickness: 16 gauge min., 12 gauge max.
 Alternate: Listed manufacturer's combination rabbetted wood door and wood transom panel. Consult listing for hourly rating allowed.
 Max. Frame Opening Size: Knock-down construction 7'6" (2286) wide x 10'0" (3048) high and for welded construction 4'0" (1219) wide x 10'0" (3353) high

g Fire Window Frame – 1 Hour Rated
 Max. Size: 10'2" (3099) wide x 10'1" (3073) high for masonry walls or drywalls with a noncombustible masonry sill.
 Max. Size: 9'2 1/2" (2807) wide x 4'11 1/2" (1511) for drywall walls
 Jamb Depth: 4 7/8" (124) min., 14" (356) max.
 *Face Dimension: 1" (25) min., 12" (305) max.
 Material Thickness: 16 gauge min., 14 gauge max.
 Max. Individual Glass Size: 54" (1372) wide x 77 3/4" (1975) high, not to exceed 2721 sq. in. (1,755,480). See note 1.
 Anchors: Masonry, Wood Stud, Steel Stud (loose or welded)

Fire Window Frame – 3/4 Hour Rated For Use On A Masonry Noncombustible Sill
 Max. Size: 13'6" (4115) wide x 12'0" (3658) high masonry walls
 Max. Size: 11'4" (3454) wide x 10'0" (3048) high drywalls with masonry noncombustible sill
 Jamb Depth: 5" (127) min., 14" (356) max.
 *Face Dimension: 2" (51) min., 12" (305) max.
 Material Thickness: 16 gauge min., 12 gauge max.
 Max. Individual Glass Size: 54" (1372) wide x 54" (1372) high, not to exceed 1296 sq. in. (836,127) with 5/8" (16) stop height. See

note 2; 95" (2413) wide x 95" (2413) high, not to exceed 3325 sq. in. (2,145,157), minimum stop height 5/8" (16). See note 1; 98" (2489) wide x 98" (2489) high, not to exceed 4704 sq. in. (3,034,833), minimum stop height 5/8" (16). See note 3.

Anchors: Masonry, Wood Stud, Steel Stud (loose or welded)

Fire Window Frame – 3/4 Hour Rated For Use On A Drywall Sill

Max. Size: 10'0" (3048) wide x 5'1" (1549) high
 Jamb Depth: 4 1/2" (114) min., 14" (356) max.
 *Face Dimension: 1 1/2" (38) min., 12" (305) max.
 Material Thickness: 16 gauge min., 12 gauge max.

Max. Individual Glass Size: 54" (1372) wide x 54" (1372) high, not to exceed 1296 sq. in. (836,127) with 5/8" (16) stop height.
 See note 2; 95" (2413) wide x 95" (2413) high, not to exceed 3325 sq. in. (2,145,157) minimum stop height 5/8" (16). See note 1; 98" (2489) wide x 98" (2489) high, not to exceed 4704 sq. in. (3,034,833), minimum stop height 5/8" (16). See note 3.

Anchors: Masonry, Wood Stud, Steel Stud (loose or welded)

Fire Window Frame – 20 Minutes Without Hose Stream

Max. Size: 13'2" (4013) wide x 9'7" (2921) high
 Jamb Depth: 4 1/2" (114) min., 14" (356) max.
 *Face Dimension: 2" (51) min., 12" (305) max.
 Material Thickness: 16 gauge min., 12 gauge max.
 Max. Individual Glass Size: 109 3/4" (2788) wide x 109 3/4" (2788) high, not to exceed 5268 sq. in. (3,398,702). See note 2.

Anchors: Masonry, Wood Stud, Steel Stud (loose or welded)

h Transom And/Or Sidelite/Panel Frame Panel Frames – 1-1/2 Hour Rated

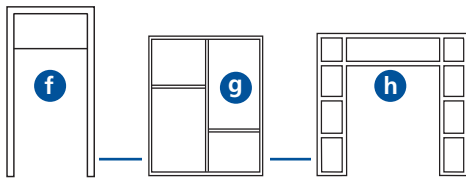
Max. Size for Transom Panels: Steel Stiffened, Polystyrene, or temp. rise core design – 96" (2438) wide x 48" (1219) high or 96" (2438) wide x 48" (1219) high, 1 3/4" (44) thick. Solid Core Design, 1/2" thick 36" x 40"
 Max. Size for Side Panels: Steel Stiffened, Polystyrene, or temp. rise core design – 48" (1219) wide x 96" (2438) high. Solid core design 1/2" thick – 36" (914) wide x 40" (1016) high.

i Lite Frames—3/4 Hour Rated—Max.

Individual Glass Size: 95" (2413) wide x 95" (2413) high, not to exceed 3325 sq. in. (2,145,157), minimum stop height 5/8" (16); See note 1. Transom Lite in a Transom/Sidelite Frame: 106" (2692) wide x 36" (914) high, not to exceed 3816 sq. in. (2,461,931), minimum stop height 5/8" (16). See note 3.

Sidelite in a Transom/Sidelite Frame: 98" (2489) wide x 98" (2489) high, not to exceed 4704 sq. in. (3,034,833), minimum stop height 5/8" (16). See note 3.

Max. Size for Side/Transom Lite: 54" (1372) wide x 54" (1372) high, not to exceed 1296 sq. in. (836,127) using 5/8" (16) high glass stop. See note 2.



UL 10B only

UL 10B and 10C Joint Capability

Max. Overall Frame Size: Masonry 13'6" (4115) wide x 11'11" (3632) high, Drywall 12'0" (3658) wide x 11'7" (3531) high
Jamb Depth: 4 3/4" (121) min., 14 1/2" (368) max.
*Face Dimensions: 2" (51) min., 12" (305) max.
Material Thickness: 16 gauge min., 12 gauge max.

Anchors: Masonry, Wood Stud, Steel Stud (loose or welded) lite configurations may vary.
Wood Transom Panel: Any listed manufacturer's wood transom panel.

Transom And/Or Sidelite Frame – 1 Hour Rated
Max. Size: 10'2" (3099) wide x 10'1" (3073) high
Jamb Depth: 4 7/8" (124) min., 14" (356) max.
*Face Dimension: 1" (25) min., 12" (305) max.
Material Thickness: 16 gauge min., 14 gauge max.

Max. Individual Glass Size: 54" (1372) wide x 77 3/4" (1975) high, not to exceed 2721 sq. in. (1,755,480). See note 1.
Anchors: Masonry, Wood Stud, Steel Stud (loose or welded)

j Fire Window Frame – Knock-Down Construction – Drywall Walls Only (Not Shown)

Max. Size: Based on max. visible glass size
1 Hour Rated: 54" (1372) wide x 77 3/4" (1975) high, not to exceed 2721 sq. in. (1,755,480)
Positive Pressure 20 min. w/o hose stream, with Firelite Glass. See note 1.
20 min. without hose stream: 54" (1372) wide x 77 3/4" (1975) high, not to exceed 2721 sq. in. (1,755,480) with Firelite glass. See note 1.
3/4 Hour Rated: 54" (1372) wide x 54" (1372) high, not to exceed 1,296 sq. in. (836,127) with 5/8" (16) stop height. See note 2. Max. Individual Glass size 95" (2413) wide x 95" (2413) high, not to exceed 3325 sq. in. (2,145,157), minimum stop height 5/8" (16). See note 1.
Max. Individual Glass size 98" (2489) wide x 98" (2489) high, not to exceed 4704 sq. in. (3,034,833), minimum stop height 5/8" (16). See note 3.

20 Min. Without Hose Stream Rated: 109 3/4" (2788) wide x 109-3/4" (2788) not to exceed 5268 sq. in. (3,398,700). See note 2.
Jamb Depth: 4 1/2" (114) min., 14" (305) max.
Material Thickness: 16 gauge min., 12 gauge max.
Anchors: Wood Stud, Steel Stud (loose or welded)

k 18 Gauge Frames – Single Swing Frame – 1-1/2 Hour Rated (Not Shown)

Max Size: 4'0" (1200) wide x 8'0" (2400) high
Jamb Depth: 4-1/8" (102) min., 14" (356) max.
Face Dimensions: Min. 1" (25)
Max Head: 8" (203)
Max Jamb: 4" (102)
Material Thickness: 18 Gauge
Construction: Knock down or welded.
Anchors: Masonry, wood stud, steel stud (loose or welded)

Double Swing Frame – 1-1/2 Hour Rated

Max Size: 8'0" (2400) wide x 8'0" (2400) high
Jamb Depth: 4-1/8" (102) min., 14" (356) max.
Face Dimensions: Min. 1" (25)
Max Head: 8" (203)
Max Jamb: 4" (102)
Material Thickness: 18 gauge
Construction: Knock down or welded
Anchors: Masonry, wood stud, steel stud (loose or welded)

Latchbolt Requirements

607 Single: 1/2" (13) min. latch throw.
607 Pairs: 5/8" (16) min. latch throw.
707 Single: 1/2" (13) min. latch throw.
707 Pairs: 5/8" (16) min. latch throw on pairs to 8' (2438) high. 3/4" (19) min. latch throw on pairs to 10' (3048) high.
727 Single: 1/2" (13) min. latch throw.
727 Pairs: 5/8" (16) min. latch throw.
747 Single: 1/2" (13) min. latch throw.
747 Pairs: 5/8" (16) min. latch throw.
747 doors may also be prepared for two and three point latching devices.
Two and three point latching devices (not including fire exit hardware) must be installed at the factory.

Other Requirements

- CURRIES labeled fire exit doors may be prepared for any labeled fire exit hardware devices.
- Open back strikes may be used on pairs of 707 doors to a maximum of 8'0" (2184) high.
- Open back strikes may be used on pairs of 747 doors.
- Doors that are reinforced to be provided with fire exit hardware must bear a label which states "fire door to be equipped with fire exit hardware."
- Fire exit hardware may be applied to doors that are not reinforced for such hardware by the use of sex bolts or through bolts. These doors may not bear the label "fire door to be equipped with fire exit hardware."
- Double egress doors are intended to be provided with vertical rod devices either concealed or surface mounted.
- Doors equipped with fire exit hardware may not be provided with a louver.
- The door size used must not exceed the maximum size listed for the individual hardware manufacturers fire exit devices.
- Armour plating available, 48" x 48" max. size.
- Stainless steel doors available.
- All 3 hr. pairs of doors require overlapping steel astragal.
- All 727 pairs of doors require steel overlapping astragal.

Fire Exit Door Capabilities

Door Type	Rating (Max)	Size (Max)	Gauge (Face Sheet)
607 Single	3 Hr.	4070 (1219x2134)	18
	1 1/2 Hr.	4070 (1219x2134)	20-18
607 Pairs	3 Hr.	8070 (2438x2134)	18
	1 1/2 Hr.	8070 (2438x2134)	20-18
707 1 3/8" (35) Single	3 Hr.	3676 (1016x2184)	18
707 Single	1 1/2 Hr.	40100 (1219x3048)	20-18-16-14
707 Single	3 Hr.	4080 (1219x2438)	20-18-16
707 Pairs	3 Hr.	8080 (2438x2438)	18-16
	1 1/2 Hr.	80100 (2438x3048)	20-18-16
707 Pairs	3 Hr.	8080 (2438x2438)	*20-18-16
	1 1/2 Hr.	8080 (2438x2438)	20-18-16
707 Double Egress	1 1/2 Hr.	8080 (2438x2438)	18-16
707 Double Egress	3 Hr.	6080 (1829x2438)	18-16
727 250°F Temp Rise Single	3 Hr.	4080 (1219x2438)	18-16
	3 Hr.	8080 (2438x2438)	18-16
727 250°F Temp Rise Pairs	3 Hr.	8080 (2438x2438)	18-16
	3 Hr.	8080 (2438x2438)	18-16
747 Single	3 Hr.	4080 (1219x3048)	18-16-14
747 Pairs	3 Hr.	8080 (2438x2438)	18-16-14
	3 Hr.	80100 (2438x3048)	18-16
747 Pairs	1 1/2 Hr.	80100 (2438x3048)	18-16-14
747 Pairs	1 v 1/2 Hr.	80100 (2438x3048)	18-16-14
747 Double Egress	3 Hr.	80100 (2438x2438)	18-16
847 Single	3 Hr.	4080 (1219x2438)	14
857 Single	3 Hr.	4080 (1219x2438)	14-12

NOTE 1: Requires use of Firelite brand ceramic glass.

NOTE 2: Requires use of 1/4" (6) thick listed wired glass.

NOTE 3: Requires use of Pilkington brand 1/4" (6) thick wired glass with Pemko Fire Glaze (FG) 3000.

* Face dimension capabilities vary with frame members.

Fire Labeled Doors

Conversion Chart

Opening Size	Feet	(mm)	Opening Size	Feet	(mm)
3070	3'0"x7'0"	(914x2134)	6070	6'0"x7'0"	(1829x2134)
3672	3'6"x7'2"	(1067x2184)	6080	6'0"x8'0"	(1829x2438)
3872	3'8"x7'2"	(1118x2184)	8070	8'0"x7'0"	(2438x2134)
4070	4'0"x7'0"	(1219x2134)	8080	8'0"x8'0"	(2438x2438)
4080	4'0"x8'0"	(1219x2438)	80100	8'0"x10'0"	(2438x3048)
40100	4'0"x10'0"	(1219x3048)			

UL 10B only
 UL 10B and UL 10C joint capability

Series Gauge Thickness Inches Thickness (mm)	DESCRIPTION	RATING	L607	L607	L707	L707	L707	L707	L707	L707	L727	L747	L757	L847	L857
			20 or 18 1 3/4" (44)	20 or 18 1 3/4" (44)	20 1 3/4" (44)	20 or 18 1 3/8" (35)	18 or 16 1 3/4" (44)	14 1 3/4" (44)	20,18,16 1 3/4" (44)	18 or 16 1 3/4" (44)	18 or 16 1 3/4" (44)	14 1 3/4" (44)	16 or 14 1 3/4" (44)	14 1 3/4" (44)	14 1 3/4" (44)
	Single 100 sq. in. (64,516) Maximum	3 hr. ¹ 1 1/2 hr. ² 1 hr. 3/4 hr. ²	4070	4070	4080	3676	4080	4080	4080	4080	4080	40100	4080	4080	4080
	Single 100 sq. in. (64,516) Maximum	1 1/2 hr. ² 1 hr. ² 3/4 hr. ² 1/3 hr. ²	4070	4070	40100	3676	40100	4080	4080	4080	4080	40100	40100	4080	4080
	Single 1296 sq. in. (836,127) Per Lite	1 hr. ³ 3/4 hr. ² 1/3 hr. ²	4070	4070	40100		40100	4080	4080			40100	4080	4080	4080
	Single 1296 sq. in. (836,127) Per Leaf	1 1/2 hr. ⁴	4070	4070	40100		40100	4080	4080			40100	4080	4080	4080
	Single Louver Pair Louver	1 1/2 hr. 3/4 hr.	4070 or 8070	4070 or 8070	40100 or 8080	3676 or 6070	40100 or 80100	4080 or 8080	4080 or 8080			40100 or 80100	40100 or 80100	4080 single	4080 single
	Dutch Door Flush	3 hr. 1 1/2 hr. 3/4 hr. 1/3 hr.					3872					3672			
	Pair 100 sq. in. (64,516) Per Leaf	3 hr. ¹ 1 1/2 hr. ² 1 hr. ² 3/4 hr. ² 1/3 hr. ²	8070	8070		6070	8080	8080		8080	80100	8080			
	Pair 100 sq. in. (64,516) Per Leaf	1 1/2 hr. ² 1 hr. ² 3/4 hr. ² 1/3 hr. ²	8070	8070	80100	6070	80100	8080	8080	8080	80100	80100			
	Pair 1296 sq. in. (836,127) Per Lite	1 hr. ³ 3/4 hr. ² 1/3 hr. ²	8070	8070	80100	6070	80100	8080	8080		80100	80100			
	Pair 1296 sq. in. (836,127) Per Leaf	1 1/2 hr. ⁴	8070	8070	80100	6070	80100	8080	8080		80100	80100			
	Double Egress 100 sq. in. (64,516) Per Leaf	1 1/2 hr. ² 1 hr. ² 3/4 hr. ² 1/3 hr. ²	8070	6070	8080		8080	8080	6080	8080	80100	80100			
	Open Back Strike 100 sq. in. (64,516) Per Leaf	1 1/2 hr. ² 1 hr. ² 3/4 hr. ² 1/3 hr. ²	8070	6070	8080	6070	8080	8080		8080	8080	8080			
	Double Egress 100 sq. in. (64,516) Per Leaf	3 hr. ¹ 1 1/2 hr. ² 1 hr. ² 3/4 hr. ² 1/3 hr. ²	8070	6070					6080	8080	80100	8080			
	Single Embossed Pair Embossed	3 hr. 1 1/2 hr. 3/4 hr. 1/3 hr.			3470 or 6870		3470 or 6870		3470 or 6870						
	Single Full Glass 2994 sq. in. (1,931,610) Maximum	20 min. without hose stream	4070	4070	4080		4080	4080	4080		4080	40100			
	Sound Rated Fire Door	20 min.											4080		

NOTE 1: Requires use of Firelite® brand ceramic glass, minimum stop height 5/8" (16). Firelite is a registered trademark of Nippon Electric Glass Co., Ltd. 8-00
 NOTE 2: Requires use of 1/4" (6) thick listed wired glass, minimum stop height 5/8" (16).
 NOTE 3: Requires use of Firelite brand ceramic glass, max. individual glass size 36" (914) wide x 54" (1372) high, not to exceed 1296 sq. in. (836,127), minimum stop height 5/8" (16).
 NOTE 4: Requires use of Firelite brand ceramic glass, max. individual glass size 36" (914) wide x 36" (914) high, or 24" (610) wide x 54" (1372) high minimum stop height 5/8" (16); max. of 1296 sq. in. per leaf.