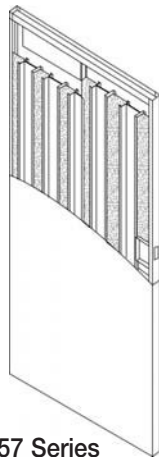


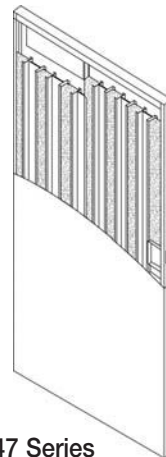
747 Series

- Rugged Perimeter Channel Construction
- Steel Stiffened



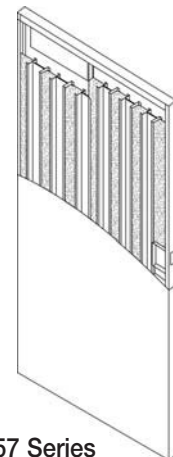
757 Series

- STC 46
- Rugged Perimeter Channel Construction
- Steel Stiffened



847 Series

- Rugged Perimeter Channel Construction
- Steel Stiffened
- Meets Commercial Security Specifications



857 Series

- Rugged Perimeter Channel Construction
- Steel Stiffened
- Meets Commercial Security Specifications

NOTE: Closer reinforcements as detailed here are optional.

Standard Components

	747	757	847	857
Door Thickness	1-3/4" (44)	1-3/4" (44)	1-3/4" (44)	2" (51)
Hinge Rail and Reinforcement	Full Height Channel 12 Gauge Extruded† to 7 Gauge Equivalent	Full Height Channel 12 Gauge Extruded† to 7 Gauge Equivalent	Full Height Channel 12 Gauge Extruded† to 7 Gauge Equivalent	Full Height Channel 12 Gauge Extruded† to 7 Gauge Equivalent
Lock Rail	Full Height Channel 14 Gauge	Full Height Channel 14 Gauge	Full Height Channel 14 Gauge	Full Height Channel 14 Gauge
Top Channel	16 Gauge	16 Gauge	16 Gauge/Plus Flush Top 16 Gauge	14 Gauge/Plus Flush Top 16 Gauge
Bottom Channel	16 Gauge	16 Gauge	16 Gauge	14 Gauge
Core	Steel Stiffened	Steel Stiffened	Steel Stiffened	Steel Stiffened
Stiffener Gauges	22 Gauge	22 Gauge	18 Gauge	18 Gauge
Stiffener Spacings	6" (152) on Vertical Supported Center Lines	6" (152) on Vertical Supported Center Lines	4" (102) on Vertical Supported Center Lines	4" (102) on Vertical Supported Center Lines
Stiffener Welding	6" (152) Vertically to Face Skins	6" (152) Vertically to Face Skins	4" (102) Vertically to Face Skins	4" (102) Vertically to Face Skins
Insulation	Fiberglass Between Stiffeners .75 (.34) Lb. Density	Fiberglass Between Stiffeners .75 (.34) Lb. Density	Fiberglass Between Stiffeners 1 Lb. Density	Fiberglass Between Stiffeners 1 Lb. Density
Face Skins	18, 16, 14 Gauge	16 Gauge	14 Gauge	14 Gauge
Sizes Available	2068-50100 Oversize Available	2068-4080	2068-50100 Oversize Available	2068-4080
Galvanize Options	A-60, G-90	A-60, G-90	A-60, G-90	A-60
SDI 100 Level/Model ANSI A250.8	2, 3, 4/1, 2	2, 3/1, 2	4/1, 2	4/1, 2
Fire Label Ratings	See Fire Labeled Doors section for complete information.			

† 12 gauge steel extruded to provide equivalent thread depth of tapped holes.

NOTE: 847 and 857 Series doors comply with Commercial Security Door Specification HMMA 862-87.

Specifications

747 Series Specifications

Doors shall be 747 Series as manufactured by CURRIES, Mason City, Iowa. Doors are to be manufactured of the finest quality 14, 16, 18, (specify gauge) cold rolled stretcher leveled steel or galvanized steel (specify). All doors shall be full flush construction and 1-3/4" (44) thick. Doors shall be reinforced, stiffened, insulated, and sound deadened STC 43 capable with continuous 22 gauge vertical steel stiffeners spaced not more than 6" (152) apart. The stiffener ends shall be welded together at the top and bottom ends. All spaces between stiffeners shall be insulated with .75 pound density fiberglass insulation. The lock and hinge edge of each door shall be welded with a centered hairline seam the full height of the door (747S) OR both the lock and hinge edge of each door shall be welded, filled and ground smooth (seamless) the full height of the door (747N) OR the lock and hinge edge of each door may have the center seam continuously wire welded the full height of the door, filled and ground smooth (747T). The lock edge shall be reinforced full height by a 14 gauge continuous one piece channel x extruded templating. The hinge edge shall be reinforced full height by a 12 gauge continuous one piece channel, formed and tapped for hinges. Top and bottom of the door shall be closed with 16 gauge channels. Doors shall have beveled 1/8" (3) in 2" (51) lock edge and square hinge edge. Doors shall be thoroughly cleaned and receive an iron phosphate treatment prior to receiving one coat of prime paint. Minimum hardware reinforcement shall consist of the following: Closers – Overhead Holders – Rim Panics, 14 gauge channels; Butts and Locks as previously specified herein. Floor Closers and Pivots – 7 gauge x template requirements.

757 Series Specifications

Doors shall be 757 Series as manufactured by CURRIES, Mason City, Iowa. Doors are to be manufactured of the finest quality 16 gauge cold rolled stretcher leveled steel or galvanized steel (specify). All doors shall be full flush construction and 1-3/4" (44) thick. Doors shall be reinforced, stiffened, insulated, and sound deadened STC 46 capable with continuous 22 gauge vertical steel stiffeners spaced not more than 6" (152) apart. The stiffener ends shall be welded together at the top and bottom ends, perforated flush top cap standard. All spaces between stiffeners shall be insulated with .75 pound density fiberglass insulation. The lock and hinge edge of each door shall be welded with a centered hairline seam the full height of the door (757S) OR both the lock and hinge edge of each door shall be welded, filled and ground smooth (seamless) the full height of the door (757N) OR the lock and hinge edge of each door may have the center seam continuously wire welded the full height of the door, filled and ground smooth (757T). The lock edge shall be reinforced full height by a 14 gauge continuous one piece channel x extruded templating. The hinge edge shall be reinforced full height by a 12 gauge continuous one piece channel, formed and tapped for hinges. Top and bottom of the door shall be closed with 16 gauge channels. Doors shall have beveled 1/8" (3) in 2" (51) lock edge and square hinge edge. Doors shall be thoroughly cleaned and receive an iron phosphate treatment prior to receiving one coat of prime paint. Minimum hardware reinforcement shall consist of the following: Closers – Overhead Holders – Rim Panics, 14 gauge channels; Butts and Locks as previously specified herein. Floor Closers and Pivots – 7 gauge x template requirements.

847 Series Specifications

Doors shall be 847 Series 14 gauge, cold rolled or galvanized steel as manufactured by CURRIES, Mason City, Iowa. Doors shall comply with specifications defined herein for Commercial Security Hollow Metal Doors and Frames. Doors shall have passed performance criteria set forth by nationally recognized standards such as HMMA 862-87. Removable glazing stops are to be 18 gauge concealed type. Doors shall be 1-3/4" (44) thick and reinforced with 18 gauge stiffeners welded to each face skin 4" (102) on center with spot welds 4" (102) on center the full height of the door. The stiffener ends are to be welded together the full width of the supporting web span at the top and bottom of the door. The standard core shall be insulating and sound-deadening 1 lb density fiberglass insulation. The lock edge shall be reinforced full height by a 14 gauge continuous one piece channel x extruded templating. The hinge edge shall be reinforced full height by a 12 gauge continuous one piece channel, formed and tapped for hinges. Top and bottom of the door shall be closed with 16 gauge channels. The top of the door shall be flush with an additional 16 gauge channel welded in place. Doors shall have beveled 1/8" (3) in 2" (51) lock edge and hinge edge. The lock and hinge edge of each door shall be welded with a centered hairline seam the full height of the door (847S) OR both the lock and hinge edge of each door shall be welded, filled and ground smooth (seamless) the full height of the door (847N) OR the lock and hinge edge of each door may have the center seam continuously wire welded the full height of the door, filled and ground smooth (847T). Doors shall be thoroughly cleaned and receive an iron phosphate treatment prior to receiving one coat of prime paint. Minimum hardware reinforcement shall consist of the following: Closers – Overhead Holders 12 gauge channels – Rim Panics, 14 gauge channels; Butts and Locks as previously specified herein. Floor Closers and Pivots – 7 gauge x template requirements.

857 Series Specifications

Doors shall be 857 Series 14 gauge cold rolled or galvanized steel as manufactured by CURRIES, Mason City, Iowa. Doors shall comply with specifications defined herein for Commercial Security Hollow Metal Doors and Frames. Doors shall have passed performance criteria set forth by nationally recognized standards such as HMMA 862-87. Removable glazing stops are to be 18 gauge concealed type. Doors shall be 2" (51) thick and reinforced with 18 gauge stiffeners welded to each face skin 4" (102) on center with spot welds 4" (102) on center the full height of the door. The stiffener ends are to be welded together the full width of the supporting web span at the top and bottom of the door. The standard core shall be insulating and sound-deadening 1 lb density fiberglass insulation. The lock edge shall be reinforced full height by a 14 gauge continuous one piece channel x extruded templating. The hinge edge shall be reinforced full height by a 12 gauge continuous one piece channel, formed and tapped for hinges. Top and bottom of the door shall be closed with 14 gauge top and 16 gauge bottom channels. The top of the door shall be flush with an additional 18 gauge channel welded in place. Doors shall have beveled 1/8" (3) in 2" (51) lock edge and hinge edge. The lock and hinge edge of each door shall be welded with a centered hairline seam the full height of the door (857S) OR both the lock and hinge edge of each door shall be welded, filled and ground smooth (seamless) the full height of the door (857N) OR the lock and hinge edge of each door may have the center seam continuously wire welded the full height of the door, filled and ground smooth (857T). Doors shall be thoroughly cleaned and receive an iron phosphate treatment prior to receiving one coat of prime paint. Minimum hardware reinforcement shall consist of the following: Closers – Overhead Holders 12 gauge channels – Rim Panics, 14 gauge channels; Butts and Locks as previously specified herein. Floor Closers and Pivots – 7 gauge x template requirements.