

Hollow Metal Doors

Composite

CURRIES offers a complete line of composite type hollow metal doors in face sheet gauges ranging from 20 to 14. All CURRIES 607 and 707 Series doors are insulated as standard with fully bonded, durable polystyrene cores. The 727 Series Temperature Rise doors offer the maximum in fire and life safety as they feature either 250°F (121°C) or 450°F (232°C) ratings. Fire ratings are available from 20 minutes through 3 hours. CURRIES composite type doors have been tested to out-perform all test criteria available for physical endurance. The combined durability and economy of these doors make them a popular choice for a variety of uses.

Hollow Metal Frames

Masonry/Drywall

Knock-down masonry, drywall, and multi-use frames are available from CURRIES in series, profiles, face dimensions, gauges, and door opening sizes to fit most any need in the construction industry today. In addition, CURRIES and its distributors can modify and weld frames to further expand the variety of frames available even further.

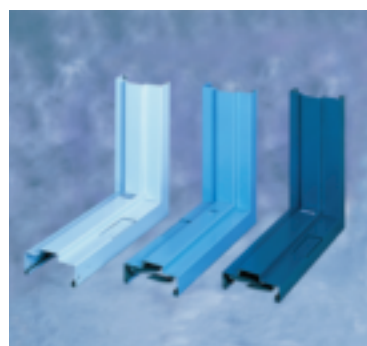
CCW Frame Components

Frame components used in the building of window walls, borrowed lites, transom frames, sidelites, and other custom configurations are available in an almost limitless array, allowing total design freedom in developing aesthetically pleasing, functional units as required by the demands of today's architecture. CURRIES' capabilities in this area go well beyond the abilities of most hollow metal manufacturers.

Steel-Stiffened

CURRIES steel-stiffened doors are designed with the combination of perimeter steel channels and core stiffeners to offer the industry's largest selection and most reliable and durable construction. They are used in areas where optimum security and susceptibility to vandalism or break-in are of paramount concern. Face sheets are available in gauges from 18 to 14, with door thicknesses of both 1-3/4" (44) and 2" (51). CURRIES 747, 757, 847, and 857 Series doors offer a range of products suited for commercial security uses. STC 46 openings are available using these products.

Factory Finishing Process



Factory finished doors and frames are degreased, cleaned, phosphatized, primed, and finished with one coat of baked-on catalyzed acrylic paint. Finished paint shall meet performance requirements of ANSI A250.3.

Pre-finished over-the-wall dry-wall frames are individually packed in cardboard cartons and marked for the opening. Doors are cardboxed.

CURRIStain™ Doors

Combines the beauty of wood with the durability of steel



CURRIES 707 and 727 Series doors are available with steel faces that contain a wood-grained .005" deep embossment pattern in the steel.

Doors are factory prime painted and stained (six standard color finishes available) to produce a door face similar in appearance to wood yet has the same strength and durability of steel. Products may be fire listed according to the appropriate door series construction.

CURRIStain™
Available in six colors!

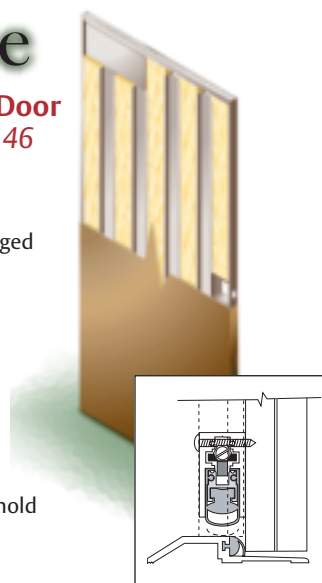


757 Sound Door Construction

Quiet Noise

With a 757 Steel Stiffened Door
Your Acoustics Solution – STC 46

- Stop ambient noise in schools
- Provide classroom harmony with rugged durability
- Ensure speech privacy
- 16 gauge door used with a standard flush frame
- 90 minute fire rating
- Up to 4080 single doors
- Sound seals, door bottom, and threshold provided with assembly
- Competitively priced



STC 46
SILL CONDITIONS

Windstorm

CURRIES Hurricane qualified Windstorm products have been tested to the windload requirements defined in the International Building Code (IBC) and the Florida Building Code (FBC), an approval by the Florida Building Commission. Products have been certified by Dade County Product Control, Intertek, and/or Underwriters Laboratories. Assemblies are tested for design pressures, impact resistance, glass and glazing materials and specific commercial hardware applications. Product is rated by the design pressure and impact energy. Specific requirements for performance vary and may be affected by state and local codes.

CURRIES door series 607, 707, 727 and 747 have achieved various levels of performance listings. Our standard full perimeter channel construction on all door series prove its worth throughout this rigorous regimen of physical

testing of door and frame assemblies. Flush M series frames dominate this criteria used in cement block walls to withstand the forces applied to the assemblies. Products intended for use in steel stud and wood frame walls are also available.

Hardware requirements vary based on the performance level required for a particular opening location in a building.

Specific product information can be found on the curries.com website. Click on products, then select Windstorm Products Compliance info. Direct links to the certifying agencies listings will provide a complete list that can be used to specify products.

Safety Solutions

Hardwiring Made Easy™



ElectroLynx™ is a trademark of ASSA ABLOY North America, Inc.

ElectroLynx

ElectroLynx technology (pre-wired doors and frames) for today's electronic hardware eliminates the hassles of jobsite wiring for hinges, locks, strikes, panic devices, etc. ASSA ABLOY Door Security Solutions hardware manufacturers' electronic products are manufactured with this innovative quick connect system. CURRIES doors and frames can be ordered prewired with the ElectroLynx system in place.

CURRIElum

US. Patent No. 7,125,136

CURRIElum frames are designed with life safety products in mind which will house exit strip lighting that surrounds and illuminates exit openings. This frame system protects the perimeter lighting strip of exit door openings and includes frames that will allow the transfer of power for exit strip lighting through non exit corridor openings.

CURRIES offers frame and door preparations that are part of the ASSA ABLOY LiteGuide System. The CURRIElum Frame System augments existing exit signs by providing a highly visible light strip around the perimeter of openings designated as part of the egress pathway. The frame system design is patent pending. Options are available permitting easy and retro-fitted compatibility with the E-Lume-A-Path™ (ELAP) egress marking system. Door preparations are available for 2 types of low-level exit signs on the door face; important in the event of smoky conditions.

The CURRIElum Frame System, part of the LiteGuide System, is available in 5 optional packages.



CURRIElum™

CURRIElum™ is a trademark of CURRIES Division, ASSA ABLOY Door Group, LLC.

LiteGuide™ — Leading the Way to Safety.

As part of their promise to provide innovative life safety solutions to their customers, ASSA ABLOY Group companies offer the LiteGuide system, aluminouscent egress marking solution.

E-Lume-A-Path™

is a trademark of Egress Marking Systems.

ReadySet®

In less than 10 minutes, a complete doorway can be installed, thanks to the ReadySet system. ReadySet doorways are shipped to the jobsite fully preassembled and pre-tested for functionality, and ready for final installation at the end of the project cycle. There's no need to secure components on site, and punch list items are virtually eliminated. With ReadySet, installation time is drastically reduced.

ReadySet is available with a full range of doors, frames, and hardware installed to meet all applications:

- Fire rated to 1-1/2 hours
- Windstorm approved
- Custom finishes complement décor
- Tested for over 3 million cycles

FEMA 361 and FEMA 320 Assemblies

The Federal Emergency Management Agency (FEMA) 361 Guidelines define a wind and impact resistant door and frame assembly for safe rooms to provide inhabitants protection from tornados.

CURRIES is pleased to provide Storm Pro 361, successfully tested at Architectural Testing and is listed with Underwriters Laboratories. This door and frame assembly met the criteria as set forth by the FEMA 361 test. Single openings up to 4080 and pair openings up to 6070 are available. UL fire listings are available on these assemblies up to and including 3 hours.

Frames are M series 14 gauge minimum with a 5-3/4" minimum jamb depth up to a 14" maximum jamb depth. Frame corners are available knock down or seam welded. Four inch face heads are available as an option on frames.

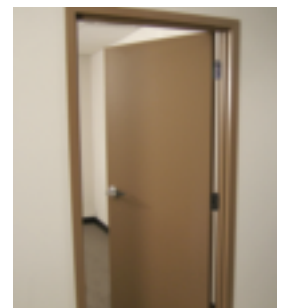
Doors are honeycomb core construction with 16 gauge minimum face sheets.

All hardware is furnished by hardware supplier and is restricted to specific manufacturers compliant products such as Sargent FM8700 2 point latching device, Sargent HC980 mullion on pairs, and McKinney hinges.

The Federal Emergency Management Agency (FEMA) 320 published standard guidelines in "Taking Shelter From the Storm". This standard assembly requires design wind pressure of 1.37 PSI (197 PSF) and 100 MPH airborne missile impact test criteria be met.

CURRIES has designed a special construction 747T 14 gauge 3070 door and M series 14 gauge special construction KD frame and successfully complied with this criteria. Frame jamb depths available 5-3/4" through 14". Four inch face heads are available with these frames.

Testing was completed using a Sargent lock, Medeco deadbolts, and McKinney hinges. Hardware is furnished by the hardware supplier.



ReadySet™ Design Patent Pending

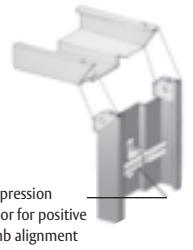
Drywall Frames

CURRIES drywall frames are available in 18, 16, or 14 gauge cold-rolled steel. These frames are manufactured to provide clean, sharp lines, rigid corner construction, and fine miter lines on all joints. They are designed to go into an opening after the wall is up, and they are available to accommodate practically any wall thickness. Frames receive a factory baked-on coat of rust inhibitive primer, and are also available with factory baked-on enamel. (Request our paint selector card.) They can be used in drywall construction using steel studs, wood studs, or laminated boards. Frames are available for either 1-3/8" (35) or 1-3/4" (44) thick doors.

- Narrow Face Frames-CURRIES offers pre-engineered, knock-down (KD) drywall frames with face dimensions of 1-1/2" (38) or 1-3/4" (44).
- Frame Sizes-Available to match door sizes in any combination of singles or pairs. Non-standard width or height frames are available on special order. Double-rabbit profiles are available with 4" (102) face heads.


C Series Drywall Frames

Frames shall be C Series as manufactured by CURRIES in Mason City, Iowa. Frames are to be fabricated of either cold rolled or galvanized steel (as specified) of either 18, 16, or 14 gauge. Frames shall be knock-down, double return back bend (to prevent cutting into the wall) flush hairline seam miter at the corner of the head and the jamb, and the corner reinforced with a concealed clip. Each jamb is to have one compression anchor to securely hold the frame between the studs and maintain proper alignment. Frames shall be thoroughly cleaned and receive an iron phosphate treatment prior to receiving one coat of baked on prime paint. Frames are to be reinforced only for surface mounted hardware, with drilling and tapping to be done in the field by others. Minimum requirements for hardware reinforcements are to be as follows: Hinge Reinforcing-7 gauge, Lock Strike Reinforcing-14 gauge conforming to template requirements and closer reinforcing-14 gauge.



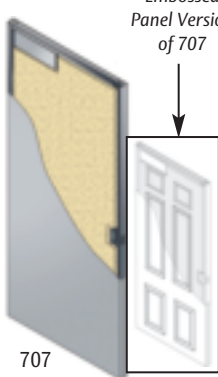
Compression anchor for positive plumb alignment

Composite Core Doors




607 Series

- Insulated
- Rugged Perimeter Channel Construction




707 Series

- Insulated
- Rugged Perimeter Channel Construction
- Versatile/Dependable



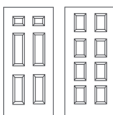
727 Series

- Temperature Rise Rated (250°)
- Insulated
- Rugged Perimeter Channel Construction



737 Series

- Bullet Resistant Level 2
- Insulated
- Rugged Perimeter Channel Construction



NOTE: Closer reinforcements as detailed here are optional.

Standard Components	607	707	727	737
Door Thickness	1-3/4" (44)	1-3/8" (35) or 1-3/4" (44)	1-3/4" (44)	1-7/8" (48)
Hinge Rail and Reinforcement	Full Height Channel 14 Gauge Extruded* to 10 Gauge Equivalent	Full Height Channel, 14 Gauge Extruded* to 10 Gauge Equivalent or 12 Gauge Extruded to 7 Gauge Equivalent	Full Height Channel 12 Gauge Extruded† to 7 Gauge Equivalent	Full Height Channel 14 Gauge Extruded* to 10 Gauge Equivalent
Lock Rail	Full Height Channel 16 Gauge	Full Height Channel 14 Gauge	Full Height Channel 14 Gauge	Full Height Channel 14 Gauge
Top Channel	18 Gauge	16 Gauge	12 Gauge	16 Gauge
Bottom Channel	18 Gauge	16 Gauge	16 Gauge	16 Gauge
Core	Insulating Polystyrene	Insulating Polystyrene Std. Isocyanurate Optional	Mineral Core (UL Listed) Fire Door Core	Polystyrene
Insulation	Polystyrene	Polystyrene	Mineral Core (UL Listed) Fire Door Core	Polystyrene
Face Skins	20, 18 Gauge	20, 18, 16, 14 Gauge	18, 16 Gauge	16, 14 Gauge Bullet Resistant Plating
Sizes Available	2068 - 4070	2068 - 50100	2068 - 4080	40100 Maximum
Galvanize Options	—	A-60, G-90	A-60, G-90	A-60, G-90
SDI 100 Level/Model ANSI A250.8	1/1, 2/1	1, 2, 3, 4/1, 2	2, 3/1, 2	3, 4/1, 2

* 14 gauge steel extruded to provide equivalent thread depth of 10 gauge tapped holes.

† 12 gauge steel extruded to provide equivalent thread depth of 7 gauge tapped holes.

Masonry/Flush Frames

CURRIES offers a complete line of flush frames that are available in 18, 16, 14, and 12 gauge cold-rolled or galvanized steel and in 16 or 14 gauge stainless steel. Frames can be knock down, set up and spot welded at miters, or set up and arc welded at miters and ground smooth. The 12 gauge frames are saw miter welded or saw butt end welded, corner construction only. They are available for either 1-3/8" (35) or 1-3/4" (44) thick doors. CURRIES frames are manufactured for all wall conditions such as masonry, steel stud, wood stud, and poured concrete.

- Narrow Face Frames-CURRIES offers pre-engineered, knock-down (KD) flush frames with face dimensions of 1" (25), 1-1/4" (32), 1-1/2" (38), 1-3/4" (44), or 2" (51).
- Frame Sizes-Available to match door sizes, in any combination of singles or pairs. Non-standard width or height frames are available on special order.

M Series/Jamb Depths 3" (76) to 14" (356), 1/8" (3) Increments

Specifications

Frames shall be M Series as manufactured by CURRIES in Mason City, Iowa. Frames are to be fabricated of either cold-rolled or galvanized steel (as specified) of either 18, 16, 14, or 12 gauge. Joints are to be die-mitered with integral tabs for reinforcement and interlocking of the jambs to the head. 12 gauge frames are saw miter or saw butt end corner construction. Frames shall be knock-down or set-up and welded. Frames shall be thoroughly cleaned and receive an iron phosphate treatment prior to receiving one coat of baked on prime paint. Frames are to be reinforced only for surface mounted hardware, with drilling and tapping to be done in the field by others. Metal plaster guards are to be provided for all mortise cutouts. Minimum requirements for hardware reinforcements are to be as follows: Hinge Reinforcing-7 gauge, Lock Strike Reinforcing-14 gauge conforming to template requirements and closer reinforcing-14 gauge.

Steel Stiffened Core Doors



747 Series



757 Series

747 Series

- Rugged Perimeter Channel Construction
- Steel Stiffened

757 Series

- STC 46
- Rugged Perimeter Channel Construction
- Steel Stiffened



847 Series



857 Series

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

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

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