



Architectural Guide for Doors and Frames

CURRIES has evolved from a turn of the century hardware store to a leading manufacturer of stock, standard, and specialty steel doors and frames. CURRIES was family controlled and operated until the mid-1980's; the hollow metal manufacturing operation began in 1958.

In 1996, CURRIES became a part of the ASSA ABLOY Group. ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

Based in Mason City, Iowa, CURRIES is considered the most progressive manufacturer in its field. With a combined door and frame manufacturing plant totaling over 325,000 square feet, CURRIES has one of the largest production facilities in the industry. The state-of-the-art manufacturing plants and shipping center facilitates a quick response on large and small custom and standard orders. CURRIES' state-of-the-art robotics and roll forming equipment is part of the technology that ensures consistent, timely products to the market.

The quality and reliability of CURRIES doors and frames is why CURRIES is a favored choice for construction projects worldwide. Using only the highest quality materials and manufacturing techniques, CURRIES produces metal doors and frames in many sizes, gauges, and styles to meet the full range of safety, security, and aesthetic requirements.



CURRIES Office and Plant Facilities - Mason City, Iowa



Index

| | | | |
|--|-------|----------------------------|-------|
| Introduction | 2 | Door Details | |
| ASSA ABLOY Service Centers and Distribution | 3 | Composite Doors | 18 |
| Programs and Services | 4 | Steel Stiffened Doors..... | 19 |
| Going Beyond Green | 5 | Door Details | 20 |
| Transparency and Sustainable Construction..... | 6 | Frame Details | |
| Solutions | | Masonry Flush Frames..... | 21 |
| Sound | 7 | Drywall Frames..... | 22-23 |
| Installation..... | 8-9 | Specialty Frames | 24-25 |
| Decorative | 10-11 | | |
| Energy Efficient..... | 12 | | |
| Life-Safety..... | 13-16 | | |
| Severe Weather | 17 | | |



Introduction



Sales, Marketing and Service Support ASSA ABLOY Door Security Solutions

ASSA ABLOY Door Security Solutions field sales and architectural consultants are located throughout the United States. They work closely with end-users, architects, and distributors to ensure complete life-safety and security solutions for commercial facilities are met.

Support services include architectural education, technical expertise, and assistance with code compliance.

Visit www.assaabloydss.com to learn how we can help with your security and life safety needs.

Phone: 1-800-DSS-EZ4U (377-3948)
Address: 110 Sargent Drive
New Haven, CT 06511
Web site: www.assaabloydss.com

Contact your local Door Security Solutions representative via email at www.assaabloydss.com and clicking on "Service & Support".



www.CURRIES.com

Visit www.CURRIES.com for complete product information and downloadable specifications for the entire CURRIES product line. The site is frequently updated with news about timely industry related issues.

ASSA ABLOY Service Centers and Distribution

Our coast to coast, network of strategically located Service Centers, is designed to bring steel doors & frames, wood doors, and popular ASSA ABLOY brands of hardware and accessories closer to the market. All Service Centers are staffed with trained professionals ready to help you and answer any questions which may arise.

These modern, fully equipped facilities, connected electronically via our wide area computer network (WAN), offer the largest and most responsive delivery system in the industry. All facilities are licensed by Underwriters Laboratories (UL) and Warnock Hersey (WH) for the conversion and labeling of fire doors, frames and windows.



ASSA ABLOY Service Center Overview of Benefits and Capabilities

- Licensed to fire label products to meet regional building codes
- Deliveries via company trucks available at most of the locations
- Offers distributors same day pick-up or shipping of in-stock products
- Door and frame welding modifications
- Trans-ship point to reduce freight cost
- Trans-weld point - Ship from factory to service center to reduce cost of shipping welded frames across country
- Local quick ship custom frame manufacturing at Northeast, Southeast, Midwest, South Central and Southwest service centers
- Service Centers provide deliveries via LTL, dedicated carriers, or company operated milk runs

Network of Distributors

Their value-added services include:

- Specification writing
- Order coordination
- Jobsite walk-through
- Code interpretation
- Security Consultation
- Guidance for ADA compliance
- Door and Frame modifications

ASSA ABLOY Service Centers

Midwest

235 East Lies Road
Carol Stream, IL 60188
Phone: 630-682-8800 Fax: 630-682-8803

Northeast

1000 Conroy Place
Easton, PA 18040
Phone: 610-559-2180 Fax: 610-559-2190

Northwest

20112 72nd Ave. South
Kent, WA 98032
Phone: 253-872-8174 Fax: 253-872-0121

Rocky Mountain

3650 Fraser Street, Unit D
Aurora, CO 80011
Phone: 303-371-0847 Fax: 303-371-3023

South Central

2855 Marquis Drive, Suite 190
Garland, TX 75042
Phone: 972-272-0271 Fax: 972-272-7829

Southeast

825 Riverside Parkway, Suite 100
Austell, GA 30168
Phone: 770-941-9012 Fax: 770-941-9123

Coastal Southeast

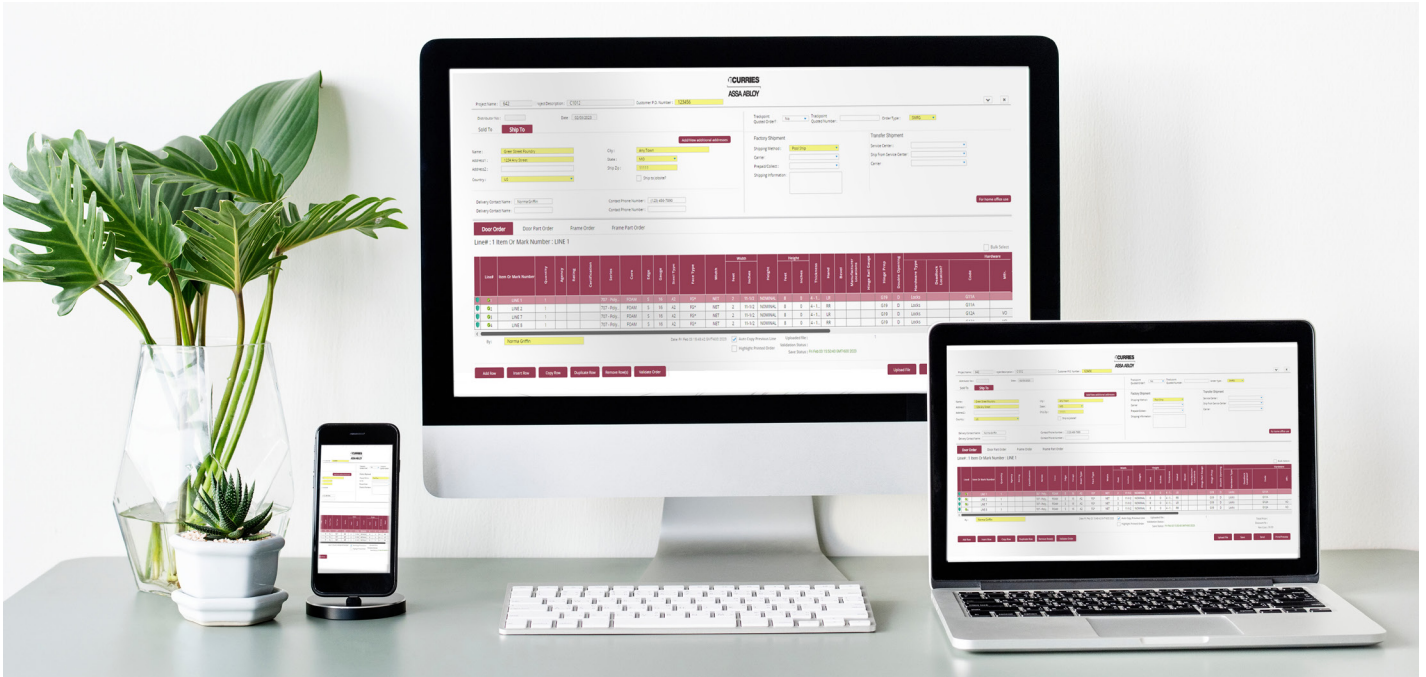
2675 Directors Row
Orlando, FL 32809
Phone: 407-377-7050

Southwest

5678 Concours Street
Ontario, CA 91764
Phone: (909) 593-2100 Fax: (909) 593-2500

www.assaabloycenters.com

Programs and Services



CURRIES Programs and Services

CURRIES is devoted to the manufacture, service, and continuous improvement of commercial steel doors and frames. As part of our commitment to customer service, CURRIES provides many different support services to our distributor network assuring the finest product support program in the industry. CURRIES programs provide our customers with unequalled service and delivery coordination.

More information on these services can be found on our website at www.CURRIES.com.

CURRIES Cut and Notch
CURRIES Estimating Services
CURRIES EDGE
CURRIES Trans-Shipping
EDSS PRO-TECH® and Elevation Power®
Personalized Stock Order Forms

Pool Shipping
Project Services
Quick Ship Doors and Frames
Swift Pac



Going Beyond Green



CURRIES doors and frames are naturally green because of the high recycled content in the steel that's used. Each CURRIES door and frame contributes LEED credits MR4.1 and MR4.2. With the award-winning factory sustainability practices, CURRIES' commitment to the environment is evident.

Sustainability Practices

- Distilling and reusing solvents
- Filtering used lubricants and reusing them in other processes
- Polystyrene core remnants are collected and recycled
- Wood scraps are collected and shredded into mulch
- High-solids paints are used to minimize factory air emissions
- Engineered packaging to minimize amount required
- Offering regional transshipping and transwelding, reducing fuel usage by freight companies.

GreenCircle and ISO 14001 Certified

As today's consumers become more informed, there is an increasing demand for honesty and integrity from product suppliers like CURRIES. Third-party certification of sustainability claims is essential in establishing credibility and developing consumer confidence.

- Carbon Footprint Reduction Facility - 5%
(Carbon Footprint Reduction includes Scope 1 emissions)
- Energy Usage Reduction - 2%
- Waste Diversion from Landfill - 96%
(Includes both hazardous and non-hazardous waste streams)
- ISO 14001:2015 Certified



CURRIES uses environmentally sound practices in the manufacturing and shipping of hollow metal doors and frames. Let us help as you design "Green" buildings that are safe, secure and aesthetically-pleasing.

ASSA ABLOY is a member of the U.S. Green Building Council. U.S. Green Building Council logo is a trademark owned by the U.S. Green Building Council and is used with permission.



Transparency and Sustainable Construction



More information about CURRIES sustainable practices online at: www.CURRIES.com

Declare

Declare is a voluntary self-disclosure program aiming to transform the building materials industry towards healthier and more ecological products through ingredient transparency. Participating in Declare means this product has voluntarily self-disclosed all ingredients in order to promote transparency.

Environmental Product Declaration (EPD)

An EPD is a verified document that reports environmental data of products based on life cycle assessment (LCA) and other relevant information and in accordance with the international standard ISO 14025 (Type III Environmental Declarations).

An important aspect of EPD® is to provide the basis of a fair comparison of products and services by its environmental performance. EPDs can reflect the continuous environmental improvement of products and services over time and are able to communicate and add up relevant environmental information along a product's supply chain.

UL GREENGUARD Certification

ASSA ABLOY Group brands offer doors and frames certified to the GREENGUARD 2818 indoor air quality standard as well as the more stringent GREENGUARD Gold Standard (formerly GREENGUARD Children & Schools), helping ensure that the air you breathe in a building will be healthy and fresh.

Our doors and frames are GREENGUARD tested to meet the VOC testing requirements of LEED, CALGreen, International Green Construction Code and ASHRAE 189.1 and Collaborative for High Performance Schools.

Health Product Declaration (HPD)

After more than a year of development, green building industry leaders have released the Health Product Declaration (HPD) Open Standard Version 1, an open standard format for reporting contents and chemical hazards in building products.

The Living Building Challenge (LBC)

The Living Building Challenge (LBC) is an international sustainable building certification program created by the International Living Future Institute in 2006. LBC is a certification program that promotes the most advanced measurement of sustainability in the built environment for both new construction and renovation. ASSA ABLOY Door Group supports the Living Building Challenge process and uses our Declare labels to show that we meet the LBC Red List of chemicals to avoid. ASSA ABLOY Door Group solutions are the only products in our categories that meet the needs of the LBC / Declare program, identifying and clearly disclosing product ingredients and chemicals contained in our product. ASSA ABLOY Americas fully supports avoiding the use of Red List chemicals and will continue to act responsibly to ensure that our products meet the needs of our customers, while protecting them and our environment.

ASSA ABLOY is committed to sustainability by reducing its environmental impacts through developing smarter products incorporating innovative materials, advanced designs and production methods. The results of these efforts are third-party verified to add a level of accountability to our sustainability claims and helps us tell our sustainability story while providing a benchmark for ongoing improvement.



Sound Solutions



CURRIES Quiet Noise Doors

Using the latest revolutionary technology, patented designs and utilizing light weight sound absorbing techniques, CURRIES Engineers have developed acoustical assemblies to solve the noise solution for any facility.

High STC ratings are typically needed to create sound resistant rooms for the government/military, airports, school band rooms and to isolate performance halls from exterior noise. Relatively lower STC ratings will usually suffice for less demanding applications, such as solving a noise problem in a hotel or office building. Quiet Noise covers the low to high STC range allowing them to be the solution for almost any application.

Door Configurations

- Single flush door systems available from STC 32 to STC 66
- Single factory glazed doors available from STC 32 to STC 52
- Flush pairs available from STC 32 to STC 49
- Single embossed panel doors available from STC 32 to STC 48
- Pairs with glazing available from STC 32 to STC 47
- All doors tested in fully operable conditions
- Seals, thresholds and door bottoms (as required) will be drop shipped to designated address
- UL or WH fire labeling up to 3 hours (varies per STC rating)

Frame Configurations

- 16 or 14 gauge cold rolled or galvaneal steel
- 4-1/8" through 14" depths
- Welded corners

Locks

- 161 cylindrical locks (backset min. varies per STC rating)
- 86 edge mortise locks with escutcheon or sectional trims
- Surface and flush bolts on inactive leaves (STC 41-49 pair)
- Rim panic and surface mounted vertical rod exit devices
- Military/Government spindial locks (STC 50 maximum)

Hinges

- Standard 4.5 x .134
- Heavyweight and 5" optional
- Cam-lift hinges optional

Quiet Noise Advantages

CURRIES Quiet Noise Doors have many advantages over other sound door products in the market.

- Wide range of operable STC ratings from 31 to 66
- 4 to 6 week standard leadtimes
- Competitive pricing including door, frame and all sealing hardware
- All door cores are lead and asbestos free
- STC 32-54 are 1-3/4" thick instead of 2-1/4" or larger like other sound doors in the market
- Cam-lift hinges not required but optional
- Door assemblies can be pre-wired with Electrolynx snap-together connectors to make adding or upgrading electrified openings easy
- Most door assemblies are UL or WH fire rated
- Quiet Noise Doors can help achieve LEED requirements for sound and recycled content
- Thresholds are ADA compliant

Installation Solutions



Sidelight Installation Made Easy

A common problem with the installation of a sidelight opening in buildings is transporting the complete frame unit to the opening. CURRIES is pleased to announce the CURRIES KD SideLight. This is a drywall sidelight unit that can be assembled and installed at the opening without having to weld the frame pieces together and transport them to various levels of a building. There are no more concerns of fitting the welded frame in the elevator or through doorways of a building. The CURRIES KD SideLight is designed to use common hand tools for installation in a matter of minutes in a rough opening. The complete frame bundle can be carried to the specified opening and installed in a very short time, saving both labor and transportation cost.

The CURRIES KD SideLight Frame is also available in any of the CURRIES factory painted prefinish colors along with any of the pantone colors.

See how easy it is to install the CURRIES KD SideLight frame, visit the CURRIES website or the BILT App and view a quick installation video.

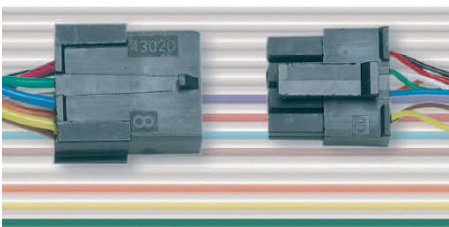
For easy 3D
instructions,
download the
BILT mobile app



Factory Installed Glass – Save Time, Money and Problems

CURRIES adds yet another option for its wide selection of commercial doors. Installation of doors at a jobsite involves coordinating many different skills and trades. Making sure everyone has the correct parts needed to complete the job within the construction schedule, is a major task. CURRIES offers the option of eliminating one step in the installation process. When the glass is installed at CURRIES, it eliminates the worries of coordinating the glass into the proper door at the right time. CURRIES will make sure the proper rated glass and glazing material is used to conform to the newest building codes for both fire and safety. Installing a door with the glass installed saves time, and time equals money. Combining factory installed glass with factory prefinished doors, is the perfect way to help contractors achieve tight construction schedules.

Consider CURRIES doors with the glass installed for your next project.



ElectroLynx®

ElectroLynx is an ASSA ABLOY system of universal plug-in connectors and standardized color-coded wiring that makes installation of electrified openings a snap. Doors and hardware are prewired with plug-in connectors that snap together to create a fully wired opening. The plugs and wires are concealed to preserve the aesthetics of the opening and facilitate future hardware changes.

Installation Solutions



Factory Prefinished Doors and Frames

Superior Coverage and Durability

The coating applied at the factory is controlled and offers uniform coverage resulting in a smoother finish free of impurities.

Green Solution

Compliance with LEED EQ 4.1 and 4.2 for VOC levels at the job-site. Waste and solvent disposal is controlled at the factory and meet all of the requirements of the EPA.

Cleaner

Less mess and clean-up at the job-site and can be installed later in the construction process.

Lower Cost

Factory finishing is more efficient than job-site preparation and painting.

Faster

Faster project completion as the painting process at the jobsite has been eliminated.

Better

The factory electrostatic painting process is superior to field sprayed, rolled, or brushed on applications used at the job-site.

Test Standards

Meets ANSI A250.3 test procedure for acceptance criteria for steel doors and frames factory applied finished coatings. HAP (Hazardous Air Pollutant) free.

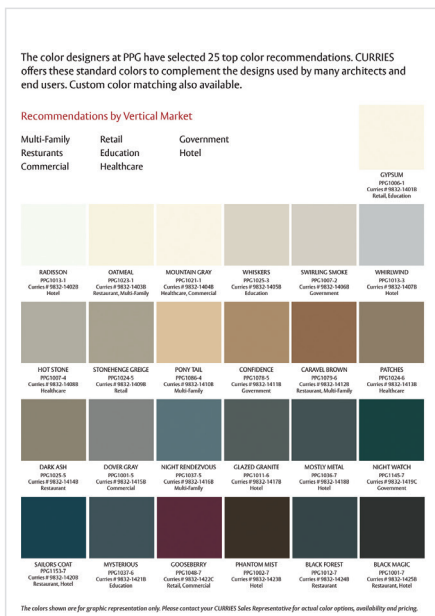
Create Lasting Beauty and Durability

CURRIES is one of the few manufacturers with the capability to deliver both custom and standard commercial grade factory prefinished doors and frames. With a CURRIES prefinished product, a building's project manager has more flexibility to complete the job correctly and on schedule.

The CURRIES prefinish is extremely durable and is factory applied in a controlled environment to ensure consistent and high quality results. The beauty of the finish cannot be matched by application of coatings at the job-site.

The color designers at PPG have selected 25 top color recommendations that complement the designs used by many architects and end users. Custom color matching also available.

Contact your customer service representative for a color sample brochure.



Decorative Solutions



CURRIStain®

CURRIStain combines the beauty of wood with the durability of steel. CURRIES 707 and 727 Series doors are available with a smooth grain, tight straight grain design which is similar to maple, cherry, or birch wood, or embossed wood grain steel faces that have a .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 with the same strength and durability of steel. Products may be fire listed according to the appropriate door series construction.

CURRIStain®

Custom Color Matching

In house custom color match process assures consistent color stain matching of virtually any color your project might require. Hundreds of stain formulations are possible using different combinations of stain finishes and base coats.

Six Standard Color Options

Embossed
Wood Grain

Smooth Grain



Printed colors are not exact, select final color from physical samples. Contact factory for color samples.



High Definition Embossed One and Two Panel Doors

CURRIES High Definition embossed door proves that a steel door does not have to be dull. The sharp panel radius along with increased shadow detail makes the CURRIES HD embossed door a clear choice in adding elegance to any opening. The distinct design gives a room or entrance a look of sophistication. Which is perfect for condominiums, assisted living complexes, hotels, office buildings, and dormitories.

the good design studio

The Good Design Studio is your partner in the pursuit of Good Design and the Total Aesthetic Opening; beautiful doors, frames and hardware from the ASSA ABLOY Group companies.

Visit www.thegooddesignstudio.com or call 877-217-0897 to learn more.

Decorative Solutions

Stainless Steel - Elegant, Beautiful, and Corrosion Resistant

Stainless Steel doors and frames can add a touch of elegance to building openings. The sleek and clean look of stainless steel is perfect for Casino's, Museums, and other classic applications.

Stainless Steel doors and frames have one other significant advantage to building owners, corrosion protection. CURRIES stainless steel doors and frames are the perfect solution for clean room environments and areas susceptible to moisture.

Key Features of CURRIES Stainless Steel Products:

- Type 304 and 316 stainless steel with:
 - #4 brushed satin
 - #6 fine satin
 - #8 mirror
 - 2B mill (paint grade)
 - XLB XL blend
- Easy to maintain
- Long term strength and durability
- Continuously welded seamless edges on doors are key to corrosive environments
- Up to 3 hour fire rating available
- Frames available with welded corners or Knock Down construction
- Doors available with 18 gauge seamless edge



Decorative Door Frames

ASSA ABLOY decorative steel door frames can contribute to the look and feel of the door opening and overall aesthetic of the entire building. Custom designed steel windows, transoms, sidelights and borrowed lights can increase day lighting and style to any building.

MH Profile



275 Profile



Energy Efficient Solutions

Strong, Energy Efficient Doorways In Any Weather Condition

Approximately 40% of all energy leakage comes from the building envelope* this includes exterior doorways. Trio-E doors installed with CURRIES Thermal Break frames and Pemko Thermal Barrier Saddles help increase thermal retention and reduce energy leakage.

Trio-E delivers superior insulated values and strength plus, provides aesthetic qualities desired in today's commercial building applications. The "E" is for energy efficiency and Trio-E has the lowest U-Factor (0.34) for a steel stiffened door in the market today. The U-Factor of 0.34 was achieved in an operable condition (ASTM1363) using the CURRIES Mercury 3 Thermal Break and Pemko 273x3AFG Thermal Barrier Saddle. The Trio-E will provide years of strength and sustainable energysavings for any building.

CURRIES doors do not have to sacrifice strength in order to achieve insulating performance. For example, CURRIES Trio-E has been certified to a design pressure of +/-100 psf with a hurricane rated opening.

*Tony Woods, Air Tight Buildings, 2005

CURRISeal Kerf Frames

Prohibits the loss of heat from escaping between the door and frame.

Polyurethane Core Doors

Doors with Polyurethane core have outstanding thermal properties to provide complete resistance to the harshest winds that mother nature can create.



Trio-E
Strong • Beautiful • Green

Mercury 3 Energy Efficient Thermal Break Frame

QMAX Thermally Enhanced Core

QMAX, a new thermally enhanced core for 707 Series doors intended for applications where polyisocyanurate and polyurethane cores are normally specified, is now available. The QMAX thermally enhanced core has a significantly improved thermal rating (0.35 U value) with Mercury 3 Thermal Break Frame and (0.37 U value) in a masonry frame over the previously published polyurethane core rating (0.46 U value) in a masonry frame.

QMAX



Life-Safety Solutions



Attack Resistant Opening

Using standard CURRIES and frames equipped with School Guard Glass™ SG5™ attack resistant glazing and SARGENT hardware has been third party tested to withstand a brutal physical attack from an intruder for over 4 minutes. This extra time keeps occupants safe until first responders can neutralize the threat. The combination of CURRIES doors and School Guard Glass provides easy and affordable retro-fitting to tighten the security of existing fire rated and non fire rated openings. Retrofit kits including glass and glazing are also available for non fire rated applications.

5-aa10 test standard sets requirements and testing methods to certify forced entry and ballistic systems. This test standard is intended for use by schools and other public or private facilities that use commercial grade wood and hollow metal entrance doors, framing, hardware, structures and systems as well as glass, fixed sidelight framing systems, and borrowed lights.

Attack Resistant Retrofit Kit and Glazing

Attack Resistant Retrofit Kits in standard and custom sizes replace glazing in existing hollow metal and wood doors to enhance security and to delay access from intrusion.

The Attack Resistant Retrofit Kit which includes a CURRIES Type 2 (metal door) or Type 10 (wood door) light kit, SG5™ glass, plus the supplied glazing compound and tape has been third party tested to withstand a brutal physical attack from an intruder for over 4 minutes and shot 30 times in a 6"x6" area. Although bullets will penetrate the SG5 glass it will remain in place to prevent access.

This extra time helps to keep occupants safe until first responders can neutralize the threat. Replacing glazing or glazing with film in existing wood or metal doors with the Attack Resistant Retrofit Kit is an easy and affordable solution to enhance the security of any opening especially in schools.

CURRIES Attack Resistant Retrofit Kits, School Guard Attack Resistant Glass and installation components are third party tested per HPW 5-aa10; however, please be aware that existing doors, frames, or hardware may not have been tested to this standard.



ASSA ABLOY and School Guard Glass
partnering to increase security options.

Life-Safety Solutions



Corridor Side

Patient Side

Behavioral Healthcare Patient Room Access Door

The Patient Room Access Door has the security and dependability required for healthcare facilities, yet is beautiful enough for healing environments. Intended to give caretakers or authorized person access to patient's room in case of an emergency and maintain the security needed for the facility.

The main door has the functionality of a standard in swing patient room door. The inner door can open to the corridor giving authorized personnel quick access to the patient's room. The ligature resistant design of the door is a key feature of the construction.

Blast Resistant Opening

CURRIES has developed Blast Resistant Opening Solutions to meet US Government, Military, and Embassy safety and security objectives for blast resistance. Providing extra protection against explosions and excessive force, our blast resistant openings meet or exceed the stringent manufacturing and performance requirements up to 100 psi of the Department of Defense, Department of State, Department of Homeland Security and other regulatory groups.

CURRIES is able to provide Blast Resistant doors and frames with a number of options including glazed doors, borrowed lites, transoms, and pairs with increased requirements to meet UL Government, Military, and Embassy safety and security objectives for blast resistance.



Bullet Resistant Assembly

CURRIES offers a bullet resistant door/frame assembly that can provide protection to meet stringent UL standards. The 737 Series door and bullet resistant frame meets UL Test 752, Level 1-8.

CURRIES door and frame assemblies, supplied with the appropriate hardware, will meet most job requirements for security and protection. Openings must be supplied as a complete unit with factory welded frame, door, and hardware. Contact factory for list of approved hardware.

Other options available.

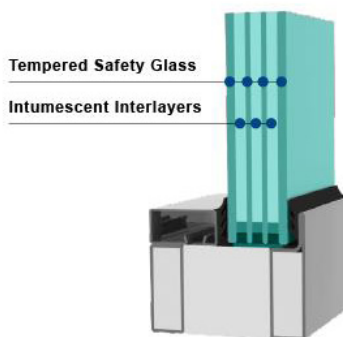
Life-Safety Solutions

E119 Fire Resistive Frame Solution

CURRIES is pleased to partner with Vetrotech, a Saint-Gobain company, to provide the E119 Fire Resistive Frame Solution that has been tested and certified to ASTM E119, UL 263 and NFPA 251. The E119 Fire Resistive Frame Solution also meets the International Building Code for fire resistive rated frame requirements. Fire resistive rated frames and glazing blocks the passage of flames and also blocks the passage of excessive radiant heat and hot gases. This type of product is required by code for transom sidelight and fire window frames with greater than a 45 minute rating or where the glazed area exceeds 25% of the wall area.

Options:

- Corner and angled frames
- Level 3 bullet resistant
- Sound rated up to STC 29
- Frames without vertical mullions



Flood Resistant Assembly

Factory Mutual Global studies have shown that flooding costs companies an average of billions of dollars in losses annually making it the most costly natural hazard globally.

This dry flood proofing system is intended to be used in environments where a facility is at risk for flooding. The opening is designed and tested to keep flood water depths up to 36" from entering critical buildings and limiting interior damage.

The CURRIES Flood Resistant Opening has been tested to the American National Standard for Flood Abatement Equipment ANSI/FM Approvals 2510-2014 section 4.3.3. This is a passive system that can protect against flood waters at any time while closed.

Flood openings should be installed in a seated position (water pressure against the pull side of the door).



Life-Safety Solutions



Image from actual forced entry testing

Forced Entry Bullet Resistant Assembly

The Forced Entry Bullet Resistant Assembly (FEBR) from CURRIES combines ballistic and forced-entry resistance with advanced materials to provide an elevated threat protection solution compliant and third party tested per stringent Department of State Standard SD-STD-01.01 Rev. G (Amended). The ASSA ABLOY FEBR assembly is tested to withstand 15 minutes of simulated "mob" attack and resistant to 5.56 M193, 5.56 M855 and 7.62 M80 ballistic rounds (UL752 Level 8 bullet resistant).

Forced Entry Bullet Resistant Assemblies safeguard mission critical buildings, executive offices, guard houses, control rooms, and anywhere the highest level of protection and durability are important considerations.

Other options available.



EMI-RFI Shielded Assembly

The EMI-RFI/STC Shielding Assembly helps ensure sensitive and confidential information and communication is secure and contained.

Electromagnetic Interference (EMI) and Radio Frequency (RFI) Shielding protects the electronics of devices or sensitive equipment. The Sound Transmission Class (STC) feature prevents unwanted noise and protects sensitive communication. The Adjustable EMI-RFI/STC Shielding Assembly protects confidential communication and unwanted electromagnetic waves from interfering with circuits or devices in data centers, healthcare, commercial, or government/military applications.

Provides sound abatement up to STC 50 and EMI-RFI Shielding protection at 9 kHz-18 GHz and is third party tested per IEEE St. 299, ICD-705 (Group 3 and 4) and TEMPEST requirements.



Multi-Solution Opening Blast and Hurricane Resistant

The Multi-Solution Blast and Hurricane Opening is designed to provide extra protection against explosions and hurricane force winds. The opening meets U.S. government/military safety and security objectives for blast resistance and protects against extreme wind events in the High Velocity Hurricane Zone (HVHZ).

The 3rd party tested Multi-Solution Opening meets UFC 4-010-01 DoD Minimum Anti-terrorism standards and ASTM 2927-12 Response Categories 1 (no damage) and 2 (damaged but operable) following a blast. The assembly is also certified by Underwriters Laboratories (UL) for compliance with hurricane resistance test standards including: ANSI A250.13, ASTM E330, ASTM E1886, ASTM E1996, TAS-201, TAS-202, TAS-203.



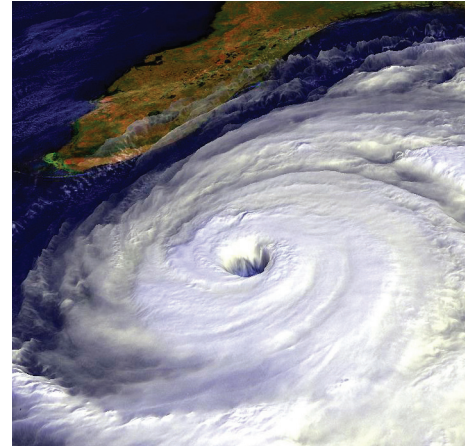
Severe Weather Solutions

Hurricane Resistant

CURRIES Hurricane resistant products have been tested to the wind load requirements defined in the International Building Code (IBC), the Florida Building Code (FBC), and 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.

Features:

- Design Pressure ranging from +/- 50 psf to +/- 150 psf
- Water infiltration ranging from +/- 50 psf to +/- 60 psf
- Up to 4'0" x 8'0" singles and 8'0" x 8'0" pairs with glazing options
- Sidelight and transom options available
- Missile level E (80 Feet Per Second Impact)
- Texas Department of Insurance



Tornado Resistant

StormPro tornado resistant assemblies help fortify shelter openings to withstand extreme wind speeds and flying debris during a tornado. Damage can be caused by flying debris (referred to as wind borne missiles). If wind speeds are high enough, missiles can be propelled at a building with enough force to penetrate windows, walls or the roof. An object such as a 2" x 4" wood stud weighing 15 pounds, when carried by a 250-mph wind, can have a horizontal speed of 100-mph. The resulting impact force will penetrate the most commonly used building materials.

Features:

- UL classified to ICC 500, up to 4'0" x 8'0" singles and 8'0" x 8'0" pairs
- Design pressure up to +/- 284 psf
- Field replaceable 4"x25" narrow light or 10"x10" 90 min fire rated factory installed glass
- Flush assemblies are UL Certified for up to and including 3 hour fire ratings
- Single and paired shutter options with three or four sided frames available



Hurricane and Tornado Resistant

StormPro Hurricane and Tornado Resistant products are a combination of hurricane and tornado shelter impact protective systems designed to protect against missile penetration of wind borne debris for use in Florida and other severe weather prone areas. Building owners in hurricane and tornado-prone areas must take proper precautions to protect occupants. Damage can be caused by flying debris (referred to as wind borne missiles) that can penetrate most commonly used building materials.

Features:

- Underwriters Laboratories (UL) listed to ICC 500 and Approved by the Florida Building Commission (FBC) under FL# 40296
- +/- 227 PSF design pressure with 15-lb lumber 2 x 4 at 100 mph missile criteria
- Up to 4'0" x 8'0" flush singles and 8'0" x 8'0" flush pairs
- Assemblies are UL listed for up to and including 3 hour fire ratings



Composite Door Details

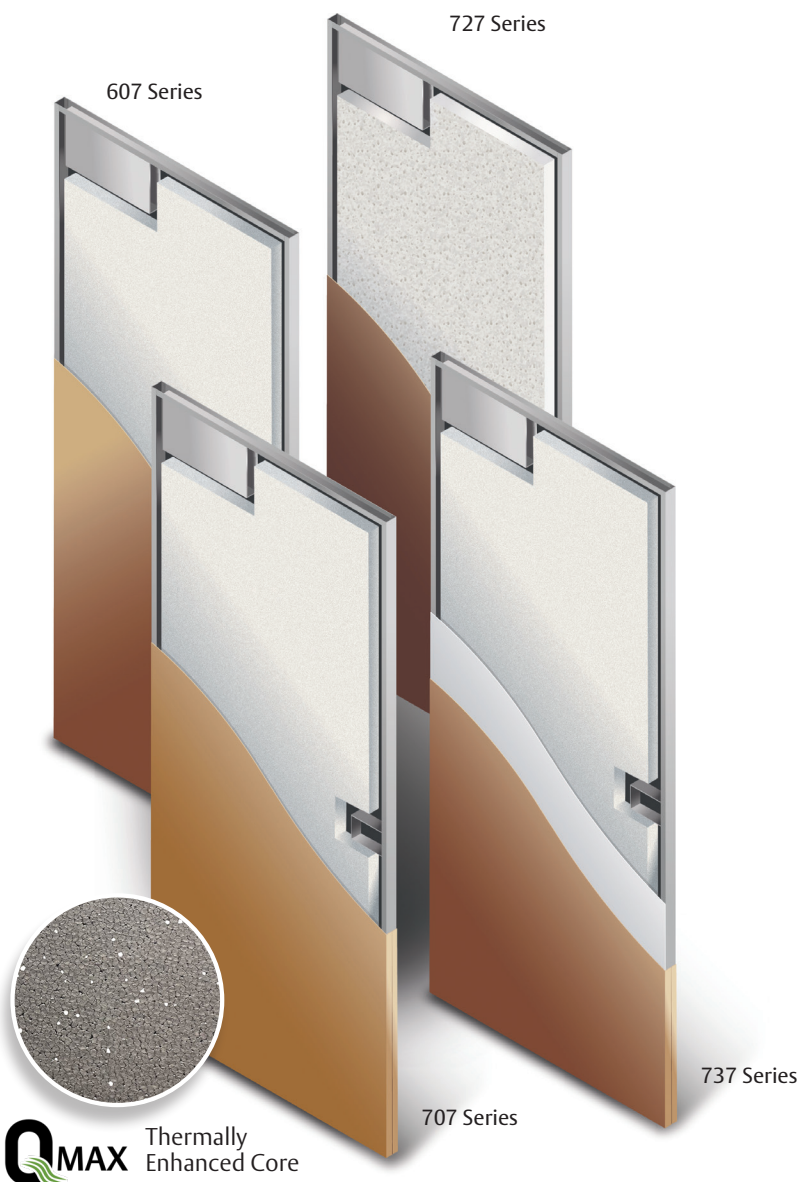
Composite

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 QMAX, polystyrene, or Honeycomb (optional polyurethane) cores.

QMAX, a new thermally enhanced core for 707 Series doors intended for applications where polyisocyanurate and polyurethane cores are normally specified, is now available. The QMAX thermally enhanced core has a significantly improved thermal rating (0.35 U value) with Mercury 3 Thermal Break Frame and (0.37 U value) in a masonry frame over the previously published polyurethane core rating (0.46 U value) in a masonry frame.

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 variety of options available make these doors a popular choice for any application.



607 Series

- Insulated Polystyrene Core
- 1-3/4 Inches Thick
- 18 Gauge Top & Bottom Channels
- 20 or 18 Gauge Face Skins
- Available sizes from 2068 to 4070
- Fire Rated up to 3 Hours
- Rugged Perimeter Channel Construction

707 Series

- Available with Embossed Panels
- Insulated QMAX, Polystyrene and Honeycomb Core (optional Polyurethane Core)
- 1-3/8 or 1-3/4 Inches Thick
- Polystyrene R-Factor - 6.37
- Polyurethane R-Factor - 10.04
- 16 Gauge Top & Bottom Channels
- 20, 18, 16 or 14 Gauge Face Skins
- Fire Rated up to 3 Hours
- Rugged Perimeter Channel Construction
- Sizes from 2068 to 50100
- Versatile and Dependable

727 Series

- Temperature Rise Rated (250 degrees)
- 1-3/4 Inches Thick
- 12 Gauge Top Channel
- 16 Gauge Bottom Channel
- Mineral Fire Door Core
- 18 or 16 Gauge Face Skins
- Fire Rated up to 3 Hours
- Sizes from 2068 to 4080
- Rugged Perimeter Channel Construction

737 Series

- Bullet Resistant up to Level 8
- 1-7/8 Inches Thick
- 16 Gauge Top & Bottom Channels
- Polystyrene Core
- 16 or 14 Gauge Bullet Resistant Plated Face Skin
- Fire Rated up to 3 Hours
- Sizes up to 40100 Max
- Rugged Perimeter Channel Construction

Steel Stiffened Door Details

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.

CURRIES 747, 757, 777 (Trio), 777E (Trio-E), 847, and 857 Series doors offer a range of products suited for commercial security uses. Trio and Trio-E is a fusion of composite and steel stiffened core to create a new patent pending laminated core. 777 (Trio) contains all of the aesthetic and insulating benefits of a CURRIES composite core door but with the added strength of being steel stiffened. 777E (Trio-E) is a patented door design that delivers superior insulated values and strength plus, provides aesthetic qualities desired in today's commercial building applications. The "E" is for energy efficiency and

See the door section of the CURRIES website For more information about available door series, core constructions and options at www.CURRIES.com



747 Series

- 16 Gauge Top & Bottom Channels
- 1-3/4 Inches Thick
- 22 Gauge Stiffeners (20, 18, 16, 14 gauge optional)
- Fiberglass Insulation between Stiffeners
- 18, 16 or 14 Gauge Face Skins
- Fire Rated up to 3 Hours
- Sizes from 2068 to 50100
- Rugged Perimeter Channel Construction

757 (STC) Series

- Wide range of operable STC ratings from 32 to 66
- Competitive pricing including door, frame and all sealing hardware
- All door cores are lead and asbestos free
- 14 or 16 Gauge Face Skins
- Fire Rated up to 3 Hours
- Quiet Noise Doors can help achieve LEED requirements for sound and recycled content

777 (Trio) and 777E (Trio-E) Series

- Standard Fiberglass Insulation (777)
- Standard Polyurethane Insulation (777E)
- 16 Gauge Top & Bottom Channels
- 1-3/4 Inches Thick
- 22 Gauge Stiffeners
- 18, 16 or 14 Gauge Face Skins
- Fire Rated up to 3 Hours
- Sizes from 2068 to 4080
- Interlock Seam Construction

847 Series

- Meets Commercial Security Specifications
- 1-3/4 Inches Thick
- 18 Gauge stiffeners (16 gauge optional)
- 16 Gauge Top & Bottom Channels
- Fiberglass Insulated Between Stiffeners
- 14 Gauge Face Skins
- Fire Rated up to 3 Hours
- Sizes from 2068 to 50100
- Rugged Perimeter Channel Construction

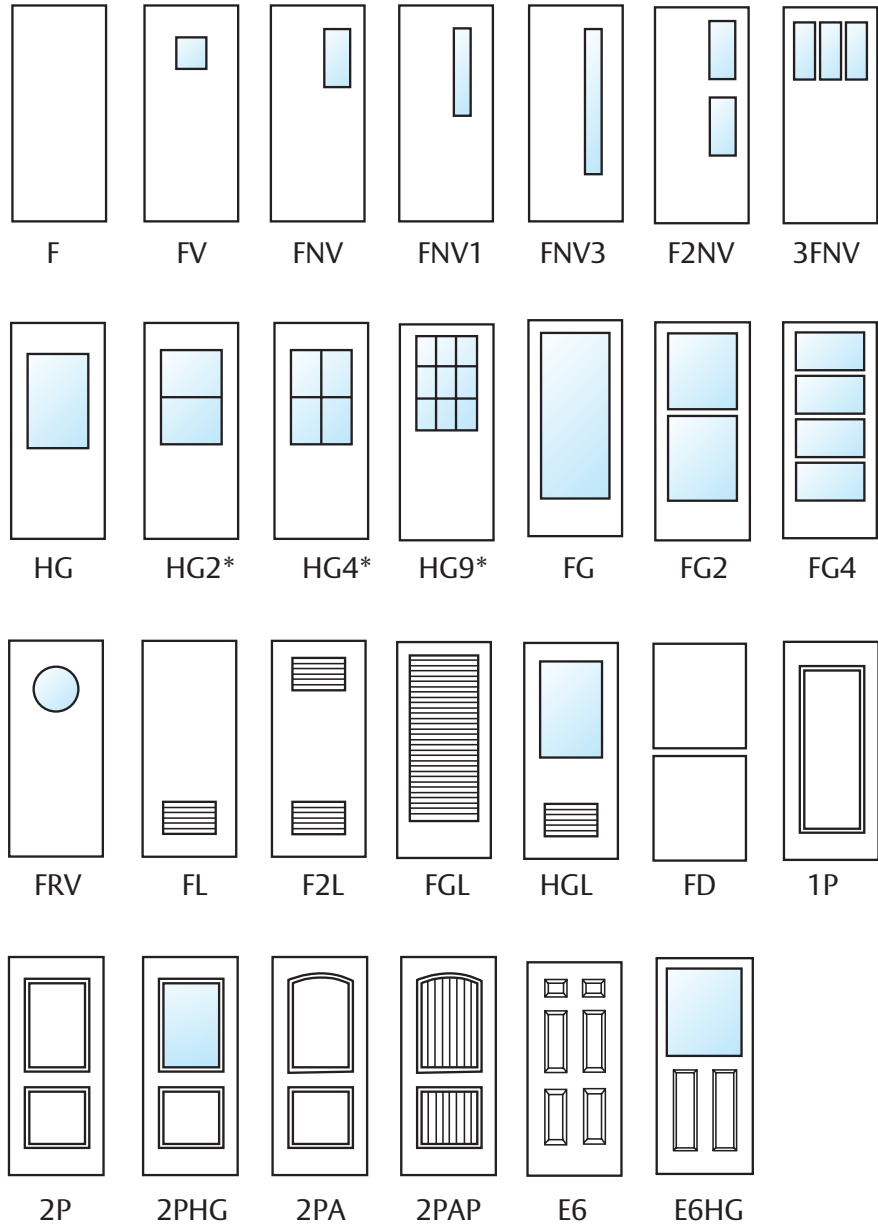
857 Series

- Meets Commercial Security Specifications
- 2 Inches Thick
- 18 Gauge stiffeners (16 gauge optional)
- 14 Gauge / Plus Flush Prep or 16 Gauge Top Channel
- 14 Gauge Bottom Channel
- Fiberglass Insulated Between Stiffeners
- 4" Stiffener Spacing
- 14 Gauge Face Skins
- Fire Rated up to 3 Hours
- Sizes from 2068 to 4080
- Rugged Perimeter Channel Construction

Door Details



Door Selection Faces



*1/4" (6) glass only.

Masonry Frame Details

Masonry 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 also in 16 or 14 gauge stainless steel. Frames can be knocked down or welded at the miters and ground smooth. The 12 gauge frames are saw miter welded or 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.

Frame Face Variables

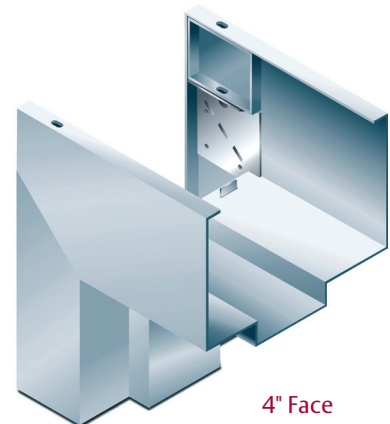
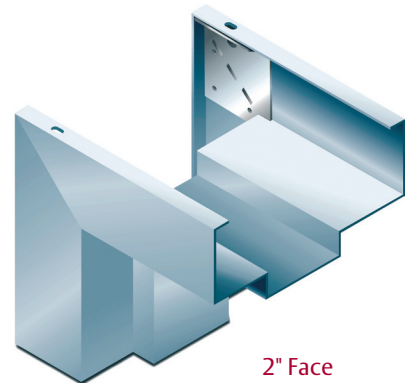
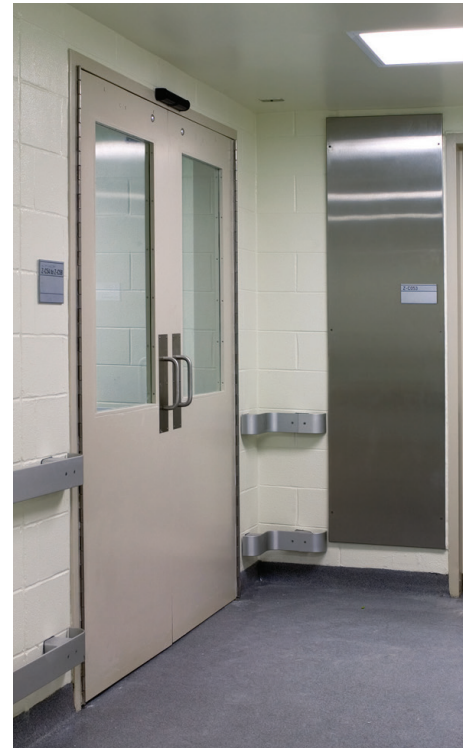
- CURRIES offers pre-engineered, knock-down (KD) flush frames with face dimensions of 1" (25) through 4" (102) in 1/8" (3) increments
- Frame return variables from 7/16" (11) through 1" (25)
- Non-door rabbet variables from 5/8" (16) through 6" (152)
- Standard and non-standard frame sizes are available to match door sizes in any combination of singles or pairs

The frames are manufactured by CURRIES in Mason City, Iowa. They need to be M Series and fabricated of either cold-rolled or galvanized steel (as specified) in 18, 16, or 14 gauge. The joints need to be die-mitered with integral tabs for reinforcement and interlocking of the jambs to the head. The 12 gauge frames are saw miter or butt end corner construction and shall be welded. Frames shall be thoroughly cleaned and receive a zirconium pretreatment prior to receiving one coat of baked-on prime paint. Frames are to be reinforced only for surface mounted hardware, and the drilling and tapping to be done by others in the field. 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 and conforming to template requirements

Closer reinforcing-14 gauge



Drywall Frame Details



Drywall Frames

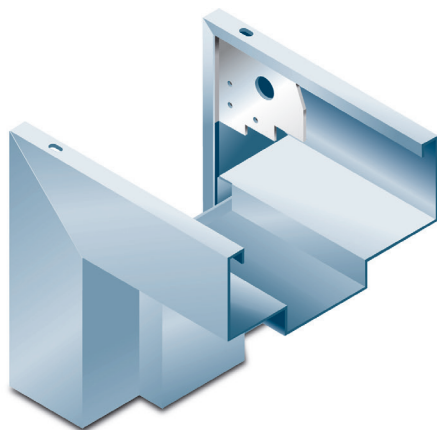
CURRIES Drywall frames are available in 18, 16, or 14 gauge cold-rolled steel or galvanized steel. The frames are constructed with a rigid corner providing clean, sharp lines along with fine miter lines on all joints. They are designed to go into an opening after the wall is in place, accommodating virtually any wall thickness. Frames receive a factory baked-on coat of rust inhibitive primer but are also available with factory baked-on enamel. The color match is available upon request. The frames 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 with a 2" (51) face.

- 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 are 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.

Compression Type Anchor Drywall Frame - C Series

The frames are manufactured by CURRIES in Mason City, Iowa. The frames shall be C Series and fabricated of either cold rolled or galvanized steel (as specified) in 18, 16, or 14 gauge. Frames shall be knockdown and 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 also maintain proper alignment. Frames shall be thoroughly cleaned and receive a zirconium pretreatment 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 by others in the field. Minimum requirements for hardware reinforcements are to be follows:

Hinge Reinforcing-7 gauge
Lock Strike Reinforcing-14 gauge, conforming to template requirements
Closer reinforcing-14 gauge.



Stud Type Anchor Drywall Frame - CM Series

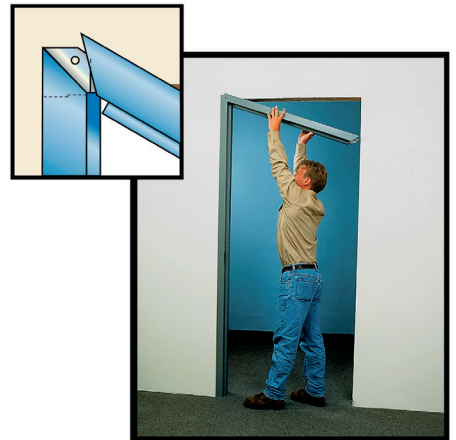
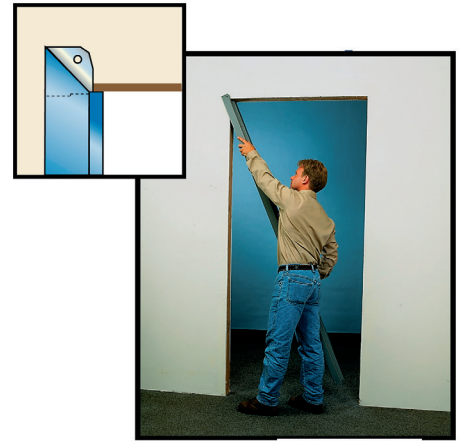
The frames are manufactured by CURRIES in Mason City, Iowa. The frames shall be CM Series and fabricated of either cold rolled or galvanized steel (as specified) in either 18, 16, or 14 gauge. Frames shall be welded corner construction and double return back bend (to prevent cutting into the wallboard). Frames are available with standard anchors and no compression anchor. 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 by others in the field. 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
Closer reinforcing-14 gauge.

Drywall Frame Details

C Frame Installation Details

1. Construct wall with rough opening height equal to finished opening height plus 3/4" to 1" max. Rough opening width is as follows:
 - a) For 2" face frames—opening width plus 2-1/8" to 2-3/8"
 - b) For 1-3/4" and 1-1/2" face frames—opening width plus 2"
2. Bottom of frame must set on a solid surface.
3. If wrap around base anchor is used, notch drywall in that area.
4. Retract compression bars in the jambs by turning screws counter clockwise and install one jamb in position on wall.
5. Insert frame head under the corner clips of the jamb and raise the head into position.
6. Insert the corner clips of the remaining jamb into the opposite end of the head and position jamb on wall.
7. Locate a removable frame bar at sill of the frame to maintain proper opening width during installation.
8. Level, square and plumb frame and install base anchor screws through countersunk holes in frame face and into floor plate.
9. Square top of frame and tighten compression bars by turning screws clockwise. (Do not overtighten).
10. Install (4) No. 8 x 1/2 sheet metal screws at the corners of the head to attach head to jambs. (Mandatory for fire rated frames).



For easy 3D
instructions,
download the
BILT mobile app



Specialty Frame Details



CURRISeal Kerf Frames

Weather-Stripped frames provide best draft control available (for energy efficiency), and provides you with a high quality, functional, aesthetically pleasing opening.

- 18 and 16 gage steel
- Kerf pocket with compression weatherstrip
- Fire label: up to three hours (UL10B and UL10C)
 - Underwriters Laboratories (Applied or Embossed)
 - Warnock Hersey (Applied or Embossed)
 - Factory Manual (Applied only)

Single Return Kerf Masonry Frame - WM Series

Masonry frames shall be WM Series as manufactured by CURRIES in Mason City, Iowa. Frames are to be fabricated of either cold rolled or galvanized steel (as specified) in 16 or 14 gauge. Frames shall have a 1/8" (3) integral kerf formed into the frame soffit to receive CURRIES listed gasket sets. Joints are to be die-mitered with integral tabs for reinforcement, and the interlocking of the jambs to the head, frame or corners, shall be full saw miter or saw butt end and have factory welded corners. Frames comply with NFPA 105 Smoke and Draft Control Door Assemblies, UL 1784 Air Leakage Test of Door Assemblies, ASTM E-283 Air Infiltration, and UBC 3305 Air Leakage Test of Door Assemblies. They can be UL listed fire door frames up to and including 3 hour ratings. Frames shall be thoroughly cleaned and receive a zirconium pretreatment 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 by others in the field. 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
Closer Reinforcing-14 gauge.
All hardware must be compatible with CURRIES listing for this product.



Single Return Kerf Drywall Frame - WC Series

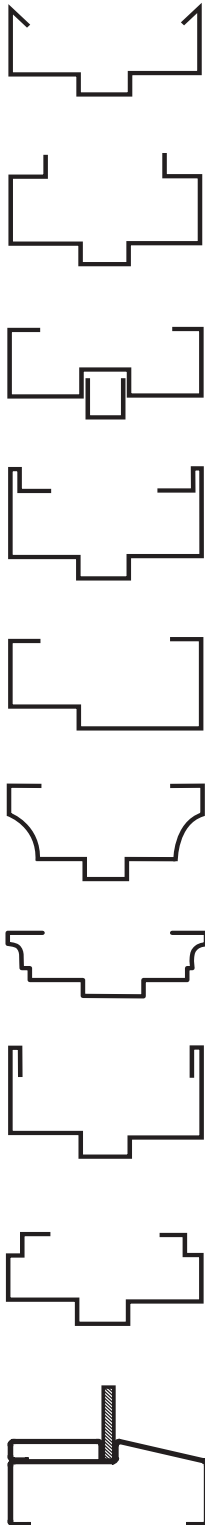
Frames shall be WC Series as manufactured by CURRIES in Mason City, Iowa. Frames are to be fabricated of either cold rolled or galvanized steel (as specified) in 18, 16, or 14 gauge. Frames shall have a 1/8" (3) integral kerf formed into the frame soffit to receive CURRIES listed gasket sets. Frames shall be knockdown, 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 also maintain proper alignment. Frames comply with NFPA 105 Smoke and Draft Control Door Assemblies, UL 1784 Air Leakage Test of Door Assemblies, ASTM E-283 Air Infiltration, and UBC 3305 Air Leakage Test of Door Assemblies. They can be UL listed fire door frames up to and including 3 hour ratings. 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 by others in the field. Minimum requirements for hardware reinforcements are to be as follows:

Hinge Reinforcing-7 gauge
Lock Strike Reinforcing-14 gauge, conforming to template requirements
Closer Reinforcing-14 gauge.
All hardware must be compatible with CURRIES listing for this product.



Specialty Frame Details

Custom Profiles



Custom Frames

Combinations or modifications of designs shown are available to meet job requirements. Frames are available in cold-rolled steel, galvanized, or stainless steel. Jamb depths, face dimensions, stop height, and return length can vary with the job requirements. Frames are fully saw mitered and welded. Custom frame material is welded locally by our distributors, thereby eliminating costly delays and damage in shipment.

Double Egress Frames

These frames are designed to permit a means of egress in two directions without a vertical mullion. They are ideally suited to schools, hospitals, and nursing homes where traffic control is crucial. The unit is available either labeled or non-labeled.

Lead-Lined Frames

Lead lining is furnished by the X-ray contractor. Frames will be provided with clips to retain lead and need to be installed by others. When used with lead-lined doors, it ensures complete X-ray protection. When specified, struts welded to the jambs and extended to the slab above provide more rigid anchorage.

Mercury 3 Thermal Break Frames

The CURRIES Mercury 3 thermal break frame is an energy efficient frame that incorporates a durable extruded thermal break with a Pemko S44 compression type weather-stripping.

The Mercury 3 thermal break frame has been independently tested for thermal performance with the Trio-E/777E door U-Value of (0.34) and the 707 Series door with QMAX core U-Value of (0.35) in accordance with SDI-113 application of ASTM C1199 and ASTM C1363 with alignment to NFRC 102. Air infiltration resistance (0.1 cfm/ft²) per ASTM E283 with alignment to NFRC 102 and NFRC 400. U-Value of (0.34) is **19% better thermal performance** than the prior Mercury frame!

In addition to thermal performance, frost and condensation on the interior door frame face are significantly reduced with a thermal break frame. This is accomplished with a true thermally broken frame profile and delivers maximum protection against cold penetration through conduction. Mullions used in hollow metal transom/sidelite and borrowed-lite frames feature the same thermal break design.

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, frames, door and window hardware, mechanical and smart locks, access control and service.

CURRIES

ASSA ABLOY



WOOLF DISTRIBUTING

www.woolfdistributing.com

GREEN BAY, WI

551 Packerland Dr.

1-920-499-2117

Email:

woolfgb@woolfdistributing.com

Orders:

order-gb@woolfdistributing.com

PEORIA, IL

515 South Maxwell Rd.

1-309-697-1760

Email:

woolfpe@woolfdistributing.com

Orders:

order-pe@woolfdistributing.com

WOODSTOCK, IL

1625 West Lake Shore Dr.

woolf-ws@woolfdistributing.com

Building Materials: **1-815-477-9680**

order-ws@woolfdistributing.com

Millwork: **1-815-356-0438**

order-mw@woolfdistributing.com

Commercial: **1-815-527-9288**

commercialdoors@woolfdistributing.com