Total Door Solutions
BY EXPI-DOOR®

Your doors, done right, on time.
Masonry • Metal Wall • Wind Rated • Vertically Steel Stiffened • Fire Labeled • Foam Wall Panels • Bullet/Blast • Polystyrene, Honeycomb, and Polyurethane Cores • Wood/Steel/Stud/Interior • Security Hardware • Custom Fabrication • Aluminum Storefront • Aluminum Windows • Plus many others
Since there are many different metal building wall applications, doors systems need to be specifically designed for the various wall types and details. The best door systems have common core components that provide maximum flexibility to match each wall requirement and not require a wide range of different, confusing, and potentially costly components. A complete door program includes the ability to provide knock down doors and preassembled doors with a complete line of options and accessories to match every door opening requirement, plus doors for conventional wall applications and to meet specification and specialty door requirements. EXPI-DOOR®—the most comprehensive offerings to satisfy 100 percent of your needs.

**Knock Down Doors**

A knock down door system is supplied “knock down.” The components are supplied loose and require field installation. It may or may not include adjustable anchors, and typically does not include subframing (c-channel). A knock down door varies widely in installation time due to several important factors such as the amount and difficulty of hardware to install, and the skill and experience of the installer. Based on these factors and field conditions, field installation will generally take between 2-8 hours with many erectors using the maximum for planning purposes.

**Series 500**

This product is designed for the value-oriented builder while still meeting or exceeding Steel Door Institute (SDI) standards. Although not designed to meet every architectural spec, this line has many standard features that meet the needs of the metal building industry.

- Doors—18 ga, A40 gal, insulated, closer reinforcement, 7 ga hinge reinforcement, all lock preps, reversible.
- Frames—16 ga, A40 gal, 7 ga hinge reinforced, reversible.
- Ingersoll Rand (IR) Hardware—Falcon®, Levers, Panic Exits and Closers.
- Two (2) Year Warranty.
- ADA Compliant.
- UL fire rating available.
- Designed to work with or without a framed opening.
- White and Antique Bronze stock colors.
- Various door and frame types, sizes, and gauges available.
- Custom colors for stock programs or large orders.
- Life-safety code compliant for quick, “panic egress.”

**Typical Frame Profiles**

Other sizes available.

8 1/4" Header (no returns) 5 3/4" Frame (with returns) 8 1/4" Frame (with returns) Preassembled Top Anchor
**Preassembled Doors**

Many builders that have tried preassembled doors never go back to knock down. The benefits of preassembled doors are that the door is completely assembled, including the subframe system (c-channel), and all the hardware is applied. This allows doors to be stood up into place and, through the use of the adjustable anchors, be anchored into the first girt and into the floor. Installation time is approximately 30 minutes. Also, since the hardware is factory installed, you can be sure it’s done correctly. Doors installed quickly, hardware operating properly, and no call backs—the perfect solution.

**Series 700**

This flagship line is designed as the architectural line for builders who seek the highest quality of components. The base door system will meet most commercial specifications while all other specifications are met through other stock options or manufactured material. The core door and frame are manufactured by Steelcraft, with hardware selections within the IR brand such as Schlage®, LCN, and Von Duprin®. A large selection of options are available along with an industry-leading, three (3) year warranty.

- Steelcraft® 18 ga door—A60 gal, insulated, closer reinforcement, all hardware preps, 7 ga hinge reinforcement (handed).
- Steelcraft® 16 ga frame—A60 gal, mitered corner (welded), 7 ga hinge reinforcement (handed).
- Standard lock—Schlage® AL53PD Grade 2 lever.
- Beige stock color.
- Subframe system—16 ga gal c-channel, full 7’2”, with 12 ga top and bottom anchors. Subjambs can be mounted flush or offset for self-flashing design.
- Large selection of heavy gauge or specialty doors, frames, and hardware available.
- The industry’s largest selection of UL fire ratings, wind ratings, and other code requirement product needs.
- ADA Compliant.
- LEED documentation for certification.
- Life-safety code compliant for quick, “panic egress.”

**Series 500**

This product meets the needs of the value-oriented builder while being manufactured to meet or exceed SDI standards. It also has the most variations available, in terms of sizes and types of doors and frames, hardware choices, and even colors.

- Doors—18 ga, A40 gal, insulated, closer reinforcement, 7 ga hinge reinforcement, all lock preps.
- Frames—16 ga, A40 gal, 7 ga hinge reinforcement (various head types for different applications).
- Ingersoll Rand (IR) Hardware—Falcon®, Levers, Panic Exits and Closers.
- Subframe system—16 ga gal c-channel, with 12 ga top and bottom anchors (attached).
- White and Antique Bronze stock colors.
- Two (2) Year Warranty.
- ADA Compliant.
- UL fire rating available.
- Various door and frame types and sizes and gauges available.
- Custom colors for stock programs or large orders.
- Life-safety code compliant for quick, “panic egress.”

**Common Hardware Options**

Many options are available within each Door Series. The following are several of the most common options provided in knock down and preassembled doors.
Conventional Wall Applications

Aside from metal building applications, many projects require conventional door applications and specialty doors that have to be manufactured to a requirement. Many times a building specification will call out the requirements, but in a design/build project, it is oftentimes left up to the builder to determine what types of doors and hardware will be used on the project. In this case, the door selection might just default to the stock product that is supplied by the building manufacturer or component supplier. Since doors are probably the most operationally cycled product on a building and provide a perception of the overall building quality, at EXPI-DOOR®, we believe the selection of the door and hardware required for each opening is very important. We suggest taking a little extra time to develop a door and hardware schedule with Steel Door Institute (SDI) recommendations, taking into consideration the location and usage of each door. Some high-use doors may require heavier gauges of doors and frames and possibly higher security hardware, while other low-use doors may require much less. EXPI-DOOR® can help. We can walk you through the options, make suggestions, provide recommended products for each type of application, determine pricing grids, and develop a door and hardware schedule for each project with corresponding details for your review and approval. We’ll simplify the process and make your project more cost effective.

Common and Specialty Applications

• Heavy-gauge doors and frames.
• Specialty hardware applications (electronic hardware, etc.).
• Florida Building Code or Miami-Dade County registrations.
• Vertically steel stiffened doors.
• Bullet- and blast-resistant doors and frames.
• Seamless edge doors.
• Interior wall applications.
• Hollow metal borrowed lites.
• Custom fabrication.
• Acoustical or high STC rated doors (sound transmission coefficient).
• Specialized access control hardware.
• Odd sized door openings.
• Masonry frames—build up or existing opening.
• Mini-storage wall applications.

Anchors

Anchors for various wall applications.

Wire Masonry Anchor
Existing
Attached
Stud Partitions

Wood Stud Partition
Universal Stud
Flush Subframe
Offset Subframe

Colors & Textures

Custom colors also available. Note: Actual color may vary due to printing.

White
Antique Bronze
Beige
Custom Colors

Swing: Specify Using Chart Below

INSIDE OF ROOM OR BUILDING

Other terminology:
LHR = A = RH = LHO (left hand out)
RHR = B = LH = RHO (right hand out)
Your Program, Your Product

If you are a builder, you want doors to fit your specific needs and requirements for each building you construct. If you are a building manufacturer, you want to supply the doors with each building that is sold. Both of these objectives are complementary and can be achieved with a full line of door products from EXPI-DOOR®. Metal, conventional, and specialty buildings can range from the very simple to very complex. The doors required in the different projects will also vary from a stock door system to a very specialized product, possibly fabricated to a unique specification. Therefore, a complete door program should have the ability to meet every project, large and small, standard and special. A door program can be designed in many different ways to meet your corporate objectives.

- Do you need stock doors in your plant for quick shipment requirements, or do you require each order delivered just-in-time?
- Do you prefer doors delivered to your plant, or sent jobsite direct?
- Do you want doors with special colors or a slightly different detail that you want to promote to your customers—something the rest of the market cannot offer?

Don’t settle for what everyone else has or does—develop something that will help you stand out from the rest.

Let EXPI-DOOR® develop a unique door program for you. Take ownership in your product and your program, and you will reap the benefits.

Advanced Manufacturing Facility

To provide the greatest amount of flexibility and to provide products quickly and at competitive prices with exceptional value, EXPI-DOOR® has invested heavily in its operations. With 12 workstations, two welding stations, and with over 75,000 sq. ft. dedicated to assembly, fabrication, packaging, and stock material, EXPI-DOOR® can pull products same day or fabricate complex products in house on demand. Our stocking program contains more than 30 types of doors, similar amounts with varying sizes and styles of frames, and a large selection of hardware that spans the requirements of most projects. Our dedication to quality, accuracy, and speed is unparalleled in the industry. Some other companies can do the standard product, but none are able to meet material specifications, provide a door and hardware schedule for details and for approval by the customer or architect, and then provide the fabrication and assembly capabilities to meet expectations and delivery dates the way that EXPI-DOOR® can. We make specials seem as simple to do as everyone else’s standard product. We deliver excellence—we are EXPI-DOOR®.
EXPI-DOOR®, in conjunction with Bay Insulation, has door service centers in locations across the country. Each service center has a potential mix of knock down and preassembled doors designed for the builders in that area. Stock doors are readily available and can be picked up same day or delivered with an insulation order. Call your Bay/EXPI sales representative, the service center nearest you, or EXPI-DOOR® direct for information on the stocking products or help on your next project. Great products and great service—your doors, done right, on time.