

*It's true.
We invented the metal door.*

If superior quality and a great value are primary concerns, then consider investing in our line of stock hollow metal doors and frames. After all, we invented the metal door over 150 years ago.

Mesker's no-compromise values, backed by a nationwide group of distributors and exceptional customer service, have made us a distinguished national leader among architects and contractors. We engineer our doors and frames to be the most rugged and durable in the commercial construction industry, with best-in-class fit & finish. We frequently exceed Steel Door Institute and Architectural Design specifications.

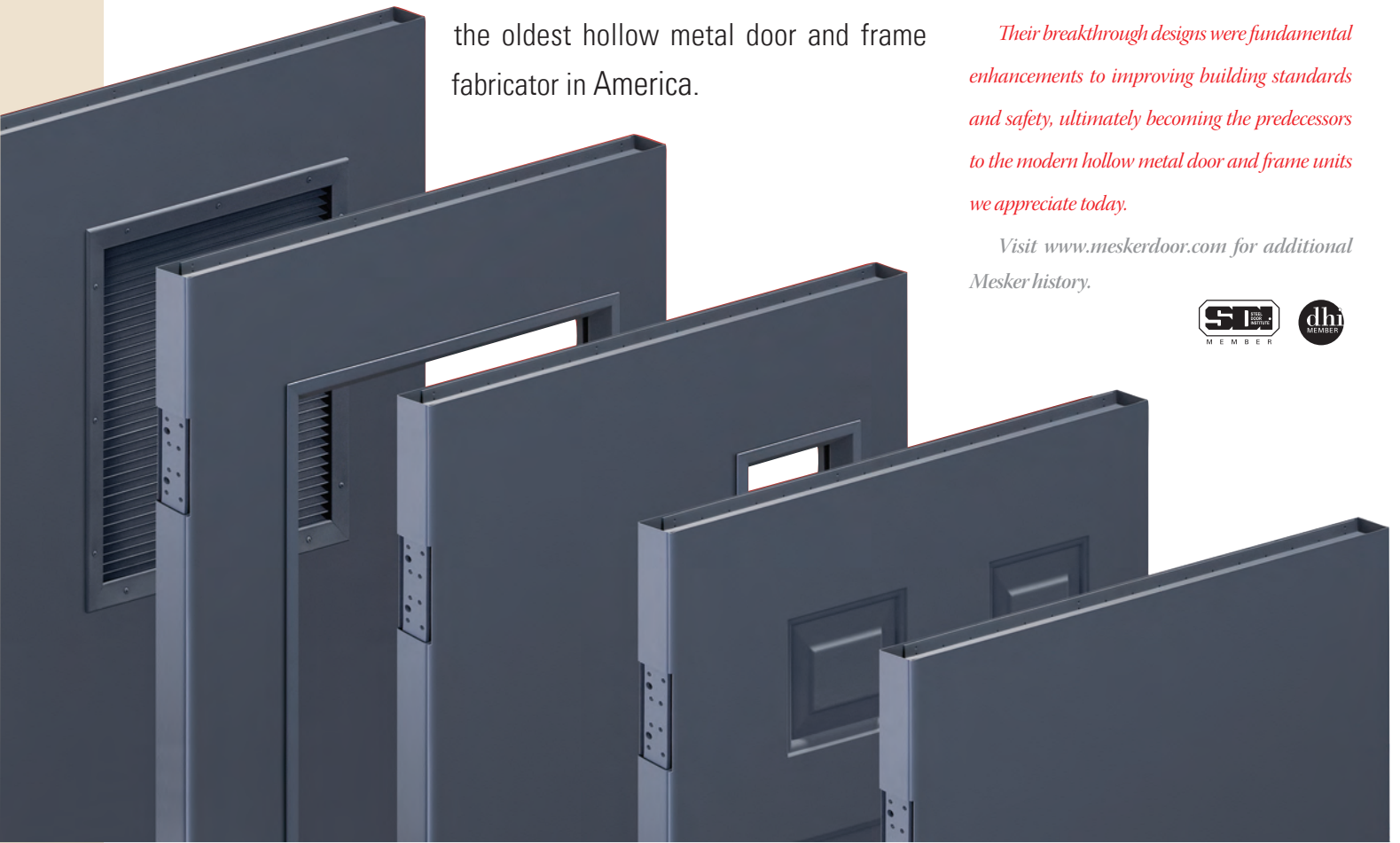
Our mantra is simple. We cut metal, not corners.
We bend steel, not rules. And we shine as the oldest hollow metal door and frame fabricator in America.



The Mesker brothers began producing hollow metal storefront facades in 1846. By the turn of the century, they were in full production fireproofing exterior windows and doors.

Their breakthrough designs were fundamental enhancements to improving building standards and safety, ultimately becoming the predecessors to the modern hollow metal door and frame units we appreciate today.

Visit www.meskerdoor.com for additional Mesker history.

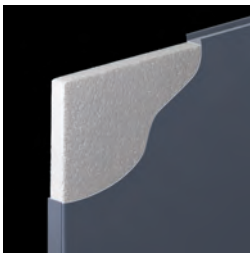


A quality door right down to the core.

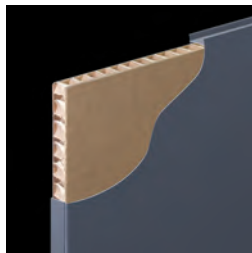
Quality comprises many things, i.e. listening to our customers' needs, utilizing superior engineering know-how, using only premium components, and guaranteeing complete customer satisfaction. That's why we introduced the non-handed "one door four cores does it all." Our door is easier to install because it eliminates handing issues at the job site. In addition, it simplifies inventory and makes our system more economical for our customers.

Mesker boasts one of the largest lines of door products from a single hollow metal manufacturer. We offer an array of door styles to complement your building design using our standard, yet versatile N-Series unit. Choose from our custom-size light kit and louver doors, or select from the more decorative multi-panel doors. We also have a large variety of custom doors including sound doors and bullet-resistant doors.

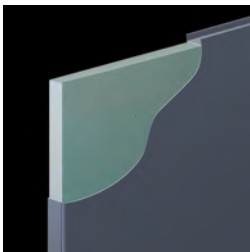
All Mesker units comply with SDI,^[1] ANSI, ASTM and ADA requirements and exceed all test criteria available for physical endurance and cycle of use. To ensure superior fit and finish, in addition to maximum unit life, every Mesker door is manufactured as specified:



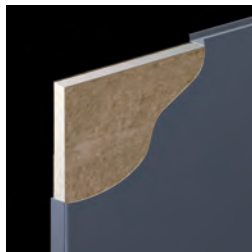
Polystyrene (Our standard core;
Fire-rated 20 minute to 3 hour)



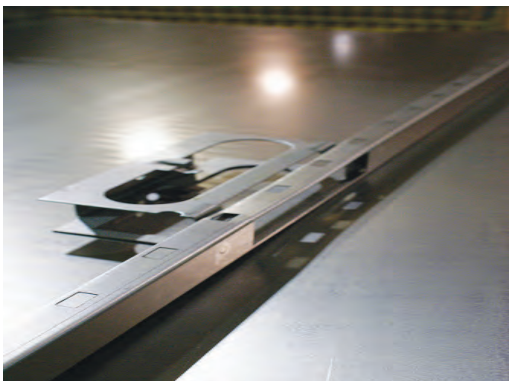
Honeycomb (Fire-rated 20
minute to 3 hour)



Urethane (Exterior; Not fire-rated)

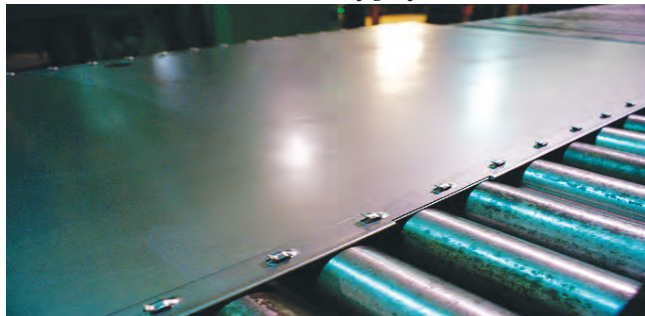


Fiberboard (Fire-rated 20 minute
to 3 hour; 250°F Temperature Rise)



Slot Construction

- Our standard 18 gauge door is built for commercial-duty while our 14 gauge is designed for abusive applications. Select from 20, 18, 16 or 14 gauge, cold-rolled steel. For corrosive applications, we recommend A60 Galvannealed steel.
- We use an exclusive, interlocking pan and lid design fortified using plug-welds to prevent sagging and increase door stiffness by 40%.
- We use 3/16-inch, 7 gauge hinge reinforcements. The top hinge reinforcement is an extra-long, high frequency reinforcement with 50% more welds and extra length for added strength.
- Choose from polystyrene, honeycomb, urethane, or fiberboard cores.
- We use hemmed edges for 20-16 gauge units which provides an extra smooth transition between faces. For a classier look and stronger door, try our new patent-pending eNViouS (NVS) seamless door as an upgrade.
- We use NVS seamless edges standard for 14 gauge doors.
- All doors are universal handed, which can be attributed to our mirrored hole pattern and reversible filler plate.
- All doors come with a closer reinforcement box.
- All doors have a lock reinforcement, prepped for a cylindrical lock with a 2-3/4 backset^[3] or a mortise lock with a 2-3/4 backset.^[4]
- We use 16 gauge, recessed top and bottom channels for easy field trim. Top channel can be made flush at no charge.
- All doors are cleaned, phosphatized, and painted with a single coat of rust inhibitive primer.
- Now available in thousands of prefinished colors.



Tab construction

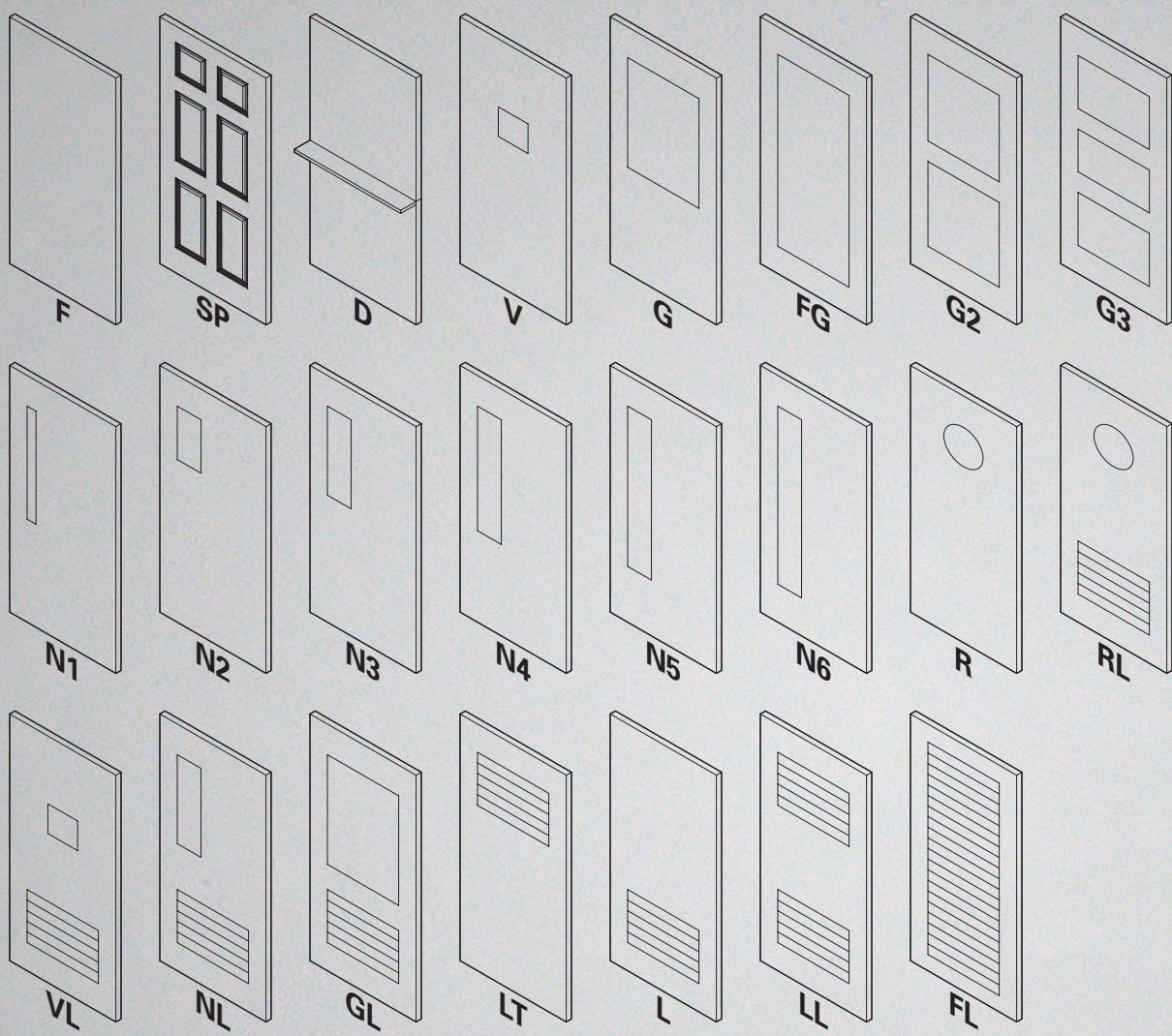
[1] SDI 100 Level 1 and 2 government design specifications

[2] Per UBC-72(97), UL10B, and UL10C specifications

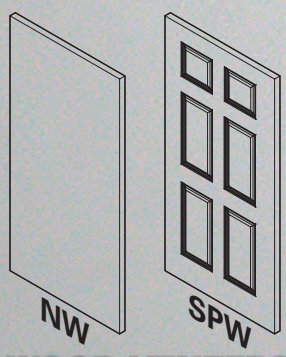
[3] Govt. 161 per ANSI A115.2 lock front

[4] Govt. 86 per ANSI A115.1 lock front

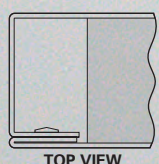




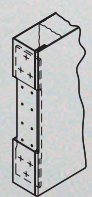
HOLLOW METAL DOOR STYLES



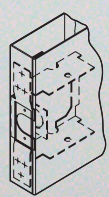
WOOD VENEERS



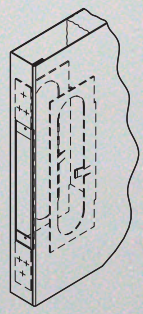
TOP VIEW



HINGE REINFORCEMENT

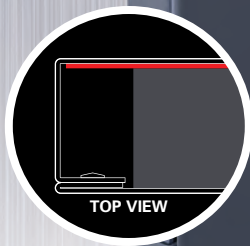
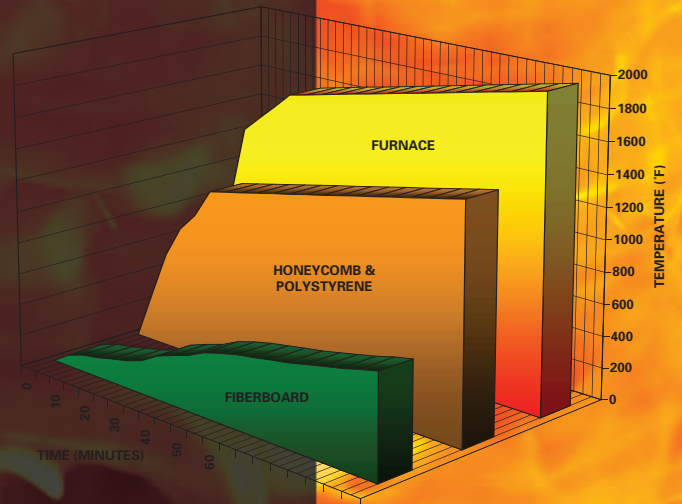


CYLINDRICAL LOCK REINFORCEMENT



MORTISE LOCK REINFORCEMENT

CUTAWAY DETAILS



Level 1
(MPSA) Medium Power Small Arms

.38 Caliber



Level 2
(HPSA) High Power Small Arms

.357 Caliber



Level 3
(SPSA) Super Power Small Arms

.44 Caliber

Non-handed, N-Series Door

The non-handed, N-Series door meets the requirements of virtually any opening — from sound deadening to energy cost reduction to fire rating. They come in a variety of gauges, sizes and styles and can be custom manufactured to meet your unique design requirements.

- *Standard specifications are listed on page 4.*
- *Our fire-rated doors come standard with 20 minute to 3 hour Factual Mutual (FM) mylar labels. Underwriters Laboratories (UL) or Warnock Hersey, fire-rated labels are optional.*
- *Our 20 minute to 1-1/2 hour fire-rated door can be equipped with light kit (Sizes vary dependent on fire-rating. See page 20 for chart).*
- *We offer STC 51 doors which comply with the Americans with Disabilities Act (ADA) and the American Society for Testing and Materials (ASTM).*
- *Door can be equipped with light/louwer kits.*



Temperature Rise Doors

The Mesker temperature rise door has a best-in-class rating for heat transmission, as tested by Underwriters Laboratory in accordance with ASTM E152. Our unique design, in conjunction with a premium fiberboard core, will keep the side of the door not exposed to fire below 250°F for 30 minutes. This is superior to our competitors' 400°F units which can remove human skin if touched.

- *Standard specifications are listed on page 4.*
- *Temperature rise doors can be fire-rated 20 minute to 3 hour per the same specifications as the N-Series Door listed above.*

Bullet-resistant Door

Our 14 gauge, bullet-resistant assembly is constructed identically to our standard Mesker N-Series door except for an additional backup plate welded to the inside face of the pan. It's designed to deflect, at close range, Level 3 SPSA ammunition.

- *Standard specifications are listed on page 4.*
- *Available in sizes up to 4'-0" x 10'-0".*
- *Bullet-resistant doors can be fire-rated 20 minute to 3 hour per the same specifications as the N-Series Door listed above.*
- *Assemblies have an approved rating of Level III by Underwriters Laboratory. Level IV and V can be custom ordered upon request.*
- *See www.meskerdoor.com for UL Certificate documentation.*



Steel-stiffened Door

Our steel-stiffened door has all the great features of the standard N-Series in addition to a series of vertical stiffeners running the entire length of the door. They are best suited for high traffic areas like hospital and school corridors.

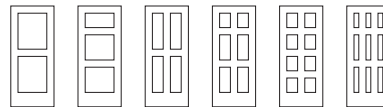
- Standard specifications are listed on page 4.
- 18 gauge in sizes up to 4'-0" x 8'-0". 16 and 14 gauge for larger sizes up to 4'-0" x 10'-0".
- Steel-stiffened doors can be fire-rated 20 minute to 3 hour per the same specifications as the N-Series Door listed on page 7.
- Additional 20 gauge, vertical stiffeners which span the entire door length, provide additional safety and security while helping to eliminate door torsion.
- Door can be equipped with light/louver kits.

Dutch Door

Our dutch door is ideally suited for child care facilities, churches and hospitals. These units provide necessary room-to-room safety and security without sacrificing visibility and communication.

- Standard specifications are listed on page 4.
- Doors available in 18, 16 and 14 gauge, in sizes up to 4'-0" x 10'-0".
- Dutch doors can be fire-rated 20 minute to 1-1/2 hour per the same specifications as the N-Series Door listed on page 7.
- Top and bottom leafs can be prepped for cylindrical, mortise, or through-bolt locks.
- Door can be equipped with light/louver kits.
- Dutch door shelves are optional.

Multi-Panel Door

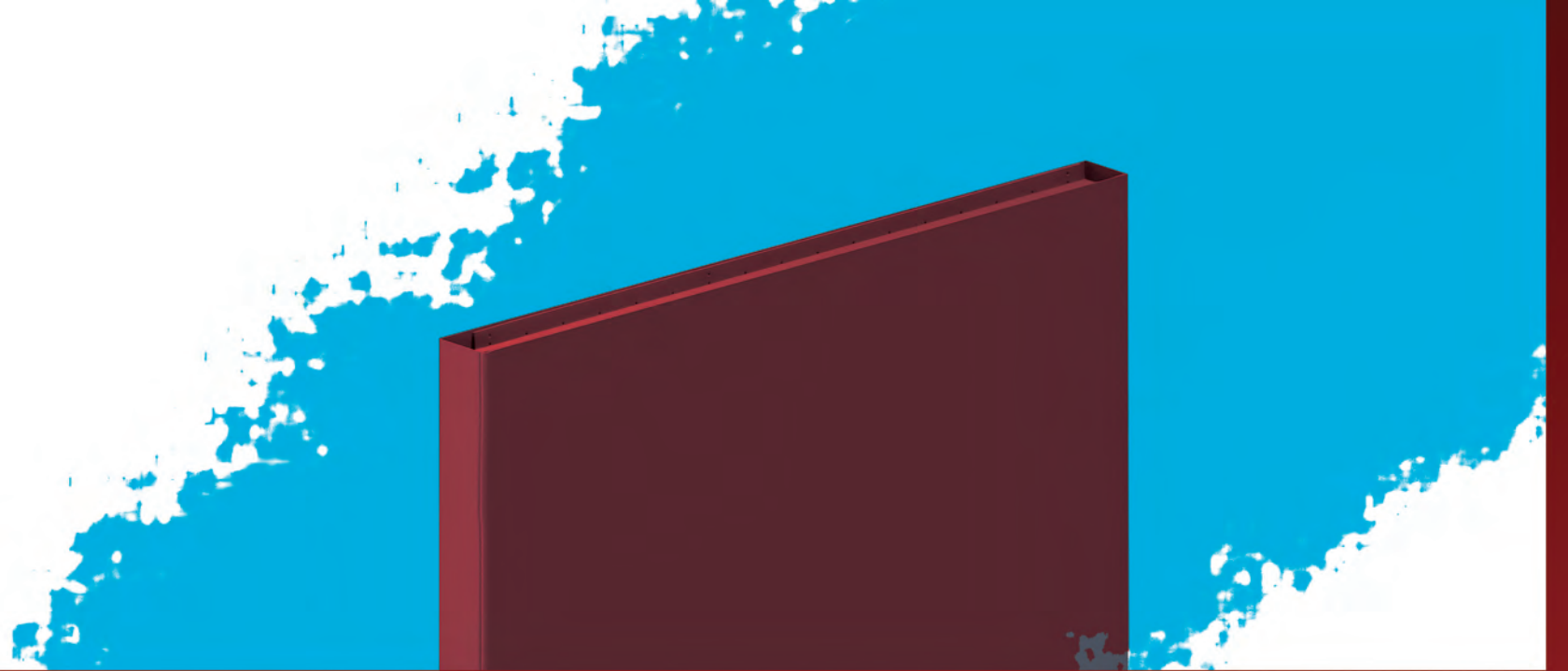


Our strong panel units enhance the beauty of a room and give you improved safety and security when compared to wood doors. Available in 2-, 3-, 4-, 6-, 8-, or 9-panel configurations.

- Standard specifications are listed on page 4.
- Panel doors can be fire-rated 20 minute to 3 hour per the same specifications as the N-Series Door listed on page 7.
- Steel panel doors are available in 18 gauge, A60 Galvannealed steel and can range in size from 2'-8" to 3'-0" width and 6'-8" to 7'-0" height.
- Wood grain panel doors are available in 18 gauge A60 Galvannealed steel and can range in size from 2'-8" to 3'-0" width and 6'-8" to 7'-0" height.
- Available in a polystyrene core only, which is fully-bonded to rigid panel face sheets.
- Custom Panels can be special ordered upon request.

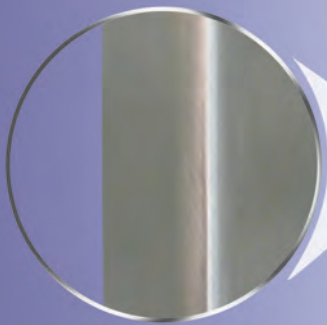






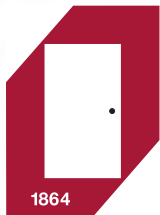
Wrap Plate Option

I-Lock Option





Introducing the latest technology in prefinished doors and frames. The new state-of-the-art paint system at Mesker provides you with the freedom to choose from thousands of Sherwin Williams colors, while providing a durable, electrostatic, baked-on finish that you can trust to stand the test of time. Manufacturing with the environment in mind, this water-based finish is HAPS and VOC free, creating a winning combination of beauty and durability that is also good for our planet.



MESKER SLIDE LOCK DOOR

www.slidelockdoor.com

Your Replacement Door Solution

The new patent-pending Slide Lock Door from Mesker is your all-in-one commercial replacement door solution. Featuring the patent-pending slide lock, along with a full mortise continuous geared hinge, and commercial lockset, the Slide Lock Door covers almost 100% of existing commercial hinge and strike locations. The hardware is preapplied to the door for easy installation and packaged for maximum protection during shipping.

- *I Lock Option: A sleek, escutcheon plate design with an extra deadbolt for added security, and one step egress for safe exit from the building.*
- *Wrap Plate Option: A stainless steel edge wrap for the fastest installation available.*



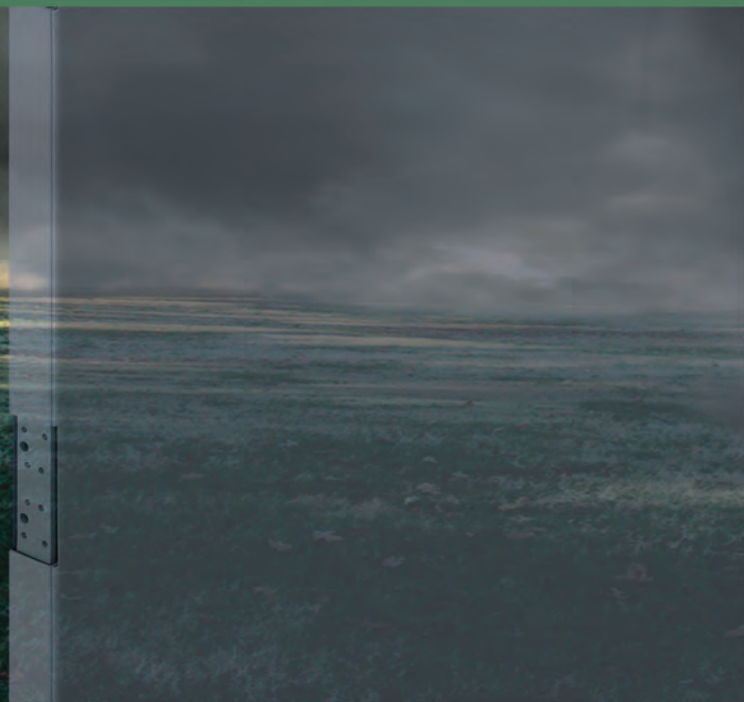
Non-Handed Vertical Edges Seamless

We are proud to introduce the patent-pending technology that is revolutionizing seamless doors in both strength and aesthetics. When you order seamless doors from Mesker, you don't get filler... you get the real thing- continuously welded seamless vertical edges that more than double the strength of standard seamed-edge doors, with no bondo, putty, or filler. Equipped with a lifetime structural weld warranty, the NVS doors from Mesker offer unparalleled strength, quality and beauty that won't crack or change over time.

- *To specify the patent-pending NVS door on your project, please see the NVS specification on page 19.*

**Lifetime
Structural Weld
Warranty**





Hurricane

Mesker's Hurricane assemblies are available in a wide variety of configurations to satisfy Florida Building codes, along with Dade, and Broward County testing. Mesker Hurricane assemblies are approved for High Velocity Hurricane Zones (HVHZ), non-HVHZ's, impact and non-impact zones. We have the solution to a wide variety of your Hurricane opening needs.

- *Meets Florida Building Code Regulations*
- *For more information on Florida Building Codes visit www.floridabuildingcode.org*
- *For detailed information about Hurricane assemblies available from Mesker Door, please visit www.meskerdoor.com*

FEMA (Tornado/Windstorm)

Mesker's Tornado assemblies can accommodate many of your safe room and community shelter needs, for both FEMA 320 and FEMA 361. When it comes to protecting life and property, Mesker FEMA assemblies are an invaluable part of your building construction. For detailed information about Tornado assemblies available from Mesker Door, please visit www.meskerdoor.com



FEMA

FEMA 320

<http://www.fema.gov/plan/prevent/saferoom/fema320.shtm>

FEMA 361

<http://www.fema.gov/plan/prevent/saferoom/fema361.shtm>

LEED

The Leadership in Energy and Environmental Design is the nationally accepted benchmark for the design, construction, and operation of high performance green buildings. Mesker's doors and frames contribute the maximum number of credits available for recycled content, for the overall certification of the building, under "Materials & Resources: Credit 4 – Recycled Content."

Mesker Door products also meet requirements of the Buy American Act. Our doors and frames are proudly made in Huntsville, AL - USA!