

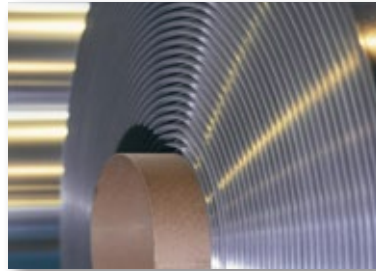
A Quality Door Right Down To The Core

Mesker boasts one of the largest lines of diverse door products, from a single hollow metal manufacturer. We offer an array of door styles to complement some of the most challenging and aesthetically pleasing architectural & design specifications. Here are some critical quality components that have established Mesker doors as the distinguished quality leader in the commercial construction industry:

THE STRONGEST STEEL

- 18 Gauge (Standard)
- 20, 16, 14 & 12 gauge Available
- CRS (Standard)
- GALV and G90
Primed Available
- 304 & 316 Gauge Stainless (Mesker Stainless)

American Recycled Steel



UNIQUE CLOSER REINFORCEMENT DESIGN

- 14 Gauge (Standard)



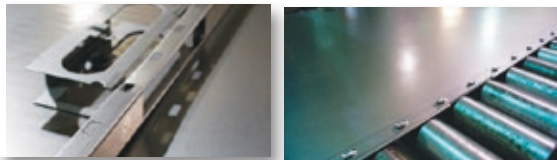
TIGHT EDGE SEAM

- Edge Seam (Standard)
- **ENVSdoor** (Optional)
Ordinary Doors Don't "seal" the Same
- Patent Pending



MECHANICALLY INTERLOCKING DOOR DESIGN

- Pan and Lid Design (Standard)



Pan

Lid

- 4 Corner Projection Welds (Standard)
- Adaptable Nonhanded Design (Standard)
 - Beveled Lock Edge and Beveled Lock and Hinge Edge (Optional)

VERSATILE TOP CHANNEL

- Inverted (Standard) or Flush Top (Optional)



Inverted

Flush Top

DURABLE FINISH

- Mesker Primed Grey (Standard)
 - Water Based, Electrostatic, Baked On Finish.
- Unprimed GALV or G90 Galv. (Optional)



(Optional)
Thousands of colors Available



(Optional)
6 Standard Grain Options Available

HIGH FREQUENCY HINGE REINFORCEMENT

- 7 Gauge Hinge Reinforcements (Standard)
- Extra Long Top Hinge Reinforcements (Standard)
 - For the Strongest Applications To Prevent Door Sag



Bottom and Middle Hinge Reinforcement



Extra Long Top Hinge Reinforcement

- Mesker's Standard Door Hinge Locations are 4-7/8" (from Top of Door to Top of Top Hinge), 9-1/4" (from Bottom of Door to Bottom of Bottom Hinge), and EQUAL (the center hinge is equidistant from top and bottom hinges)
 - FYI: Mesker's Standard Door Strike Location is 39-9/16" (161 Prep C/L) & 39-3/16" (86 Edge Prep C/L)
 - All SDI Manufacturer's Locations, and Custom Locations, are available.

INNOVATIVE CORE DESIGNS

- Treadcore Full Polystyrene (Standard)
- Flatcore Full Polystyrene (Optional)
- HDP Flatcore Polystyrene (Optional - Standard in NVS Doors)



Treadcore Full Polystyrene

Flatcore Full Polystyrene

HDP Flatcore Polystyrene



Honeycomb

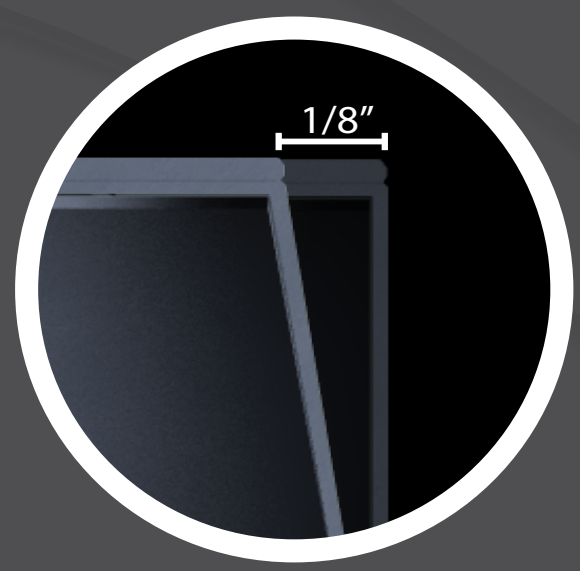
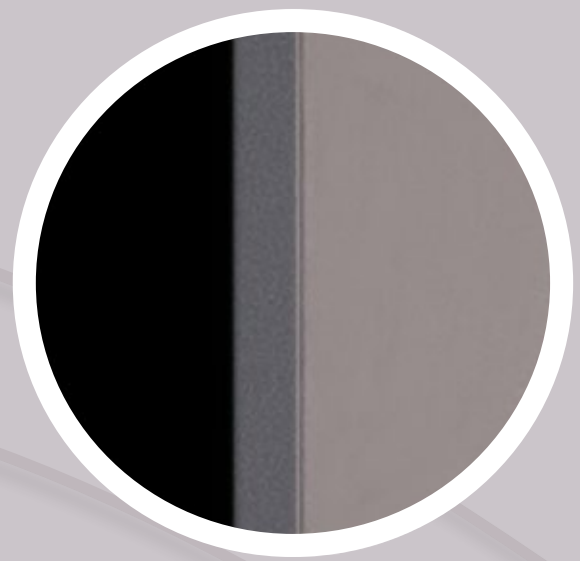
Urethane

Fiberboard

- Hot Melt PUR Glue System for the Strongest Core Bond Available
- Lead Lined



M E M B E R



ASH

BIRCH

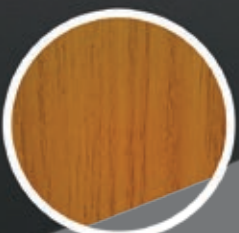
MAHOGANY



MAPLE

OAK

WALNUT



N-SERIES - NON-HANDED 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.

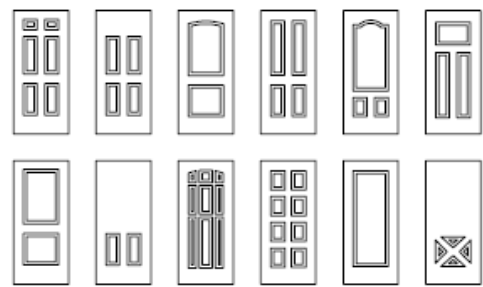
- Built to meet and exceed ADA, ANSI, ASTM, and SDI Standards.
- Our fire-rated doors come standard with 20 minute to 3 hour Factual Mutual (FM) mylar labels. Underwriters Laboratories (UL) or Warnock Hersey, fire-rated labels are optional.
- Available with a variety of Vision Lite Kits, Louvers, and Panel Designs, including Woodgrain

BEVELED EDGE OPTION

- 1/8" Bevel Over 2"
- BV-1 (Beveled Lock Edge)
- BV-2 (Beveled Hinge and Lock Edges)
- Built to meet and exceed ADA, ANSI, ASTM, and SDI Standards.

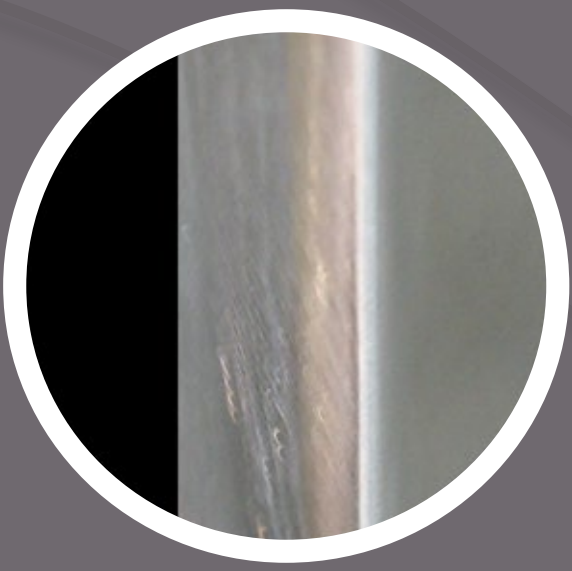
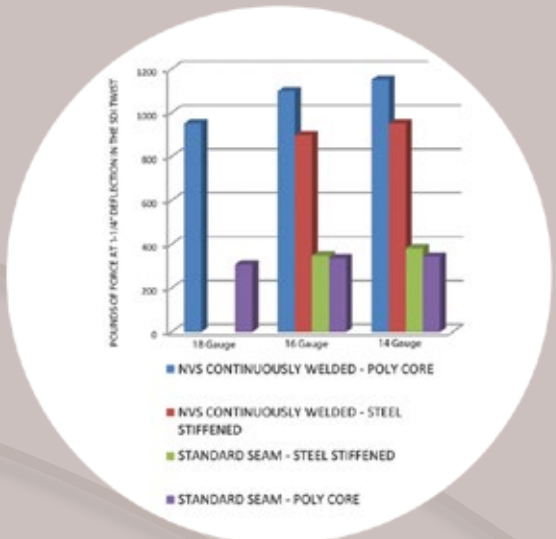
EMBOSSED PANEL AND WOODGRAIN DOOR SERIES

- When Strength, Durability, Luxury, and Style are the objectives of your design team, it doesn't get much better than Mesker's Embossed Panel and Woodgrain Series doors.
- 1 Panel, 2 Panel Arched Top, 2 Panel Square Top, 2 Panel Bottom, 4 Panel, 6 Panel, 6 Panel Wide (Up to 3'6"), 6 Panel Tall (Up to 8'0") Readily Available.
- Flush Woodgrain and 6 Panel Woodgrain Readily Available.
- Mesker Paint and Mesker Grain prefinished programs available for these doors.
- All Embossed Panel and Woodgrain Doors are available in 18 gauge, Galvannealed, Polystyrene Core standard.
- Most panel designs require 2'8" minimum door width to accommodate lock preparations. Consult factory for further details.
- See the Mesker Price Book for stock panel options. Contact the factory for lead times & availability on additional panel configurations.



WOOD GRAIN PANELS ALSO AVAILABLE





NVSdoor
Ordinary Doors Don't Seam the Same

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.

- Classic door design that's been around for decades.
- 20 gauge steel stiffeners run the vertical length of the door, every 6" on center, with segmented polystyrene fully bonded to the face sheets, in between stiffeners.

NVS Door Option: A NEW TWIST ON AN OLD CLASSIC... MoreStrengthLessSteel

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 triple the strength of standard seamed-edge doors, with no 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.

- The No Visible Seam (NVS) Patent-Pending Technology gives you more strength and better aesthetics without the weight of added steel stiffeners.
- In the SDI Twist Test, the industry's measure of door strength, the NVS Door outperformed Steel Stiffened Doors, proving to be more than 3x's stronger than steel stiffened products.
- Backed by a Lifetime Structural Weld Warranty, the NVS Door is guaranteed to deliver strength and performance.
- The NVS DOOR is now the new COST-EFFICIENT REPLACEMENT for the STEEL STIFFENED door, giving you MORE STRENGTH WITH LESS STEEL.

Lifetime Structural Weld Warranty

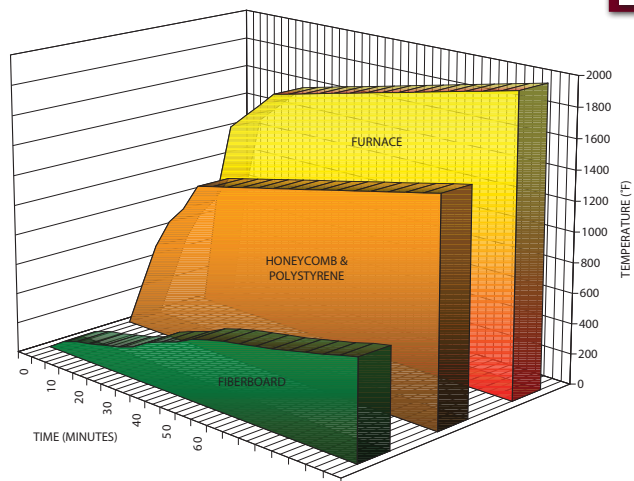
	Steel-Stiffened Door	NVS Fully, Continuously-Welded Door
Strength	Standard Strength	3X's STRONGER THAN A STANDARD DOOR
Aesthetics	"Pock Mark" or Cigarette Burn" Blemishes can distort the face sheets due to the manufacturing process, and will often show through finish paint.	Smooth face sheets, completely bonded to the NVS core, creating strength, durability, and finished paint aesthetics which are unrivaled.
Weight	Adds 80 to 90 lbs. of weight to the door, making it very difficult for job site handling and causing major wear and tear on the door hardware.	Standard weight of a 14, 16, or 18 gauge door. Less Steel = Less Weight = Less Stress on the opening, the hardware, & the installer.
Cost	Adds significant costs to any size door and adds even more cost to hardware as "heavyweight" hardware is needed to adequately handle the weight.	The automated NVS Production Technology allows us to build STRONGER DOORS, FASTER with LESS LABOR. And at the end of the day, that results in BETTER PRICING, on a BETTER PRODUCT.

www.steelstiffeneddoor.com



TEMPERATURE RISE DOOR SERIES

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.



DUTCH DOOR

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

- Top and bottom leafs can be prepared for cylindrical and mortise locks.
- Door can be equipped with lite/louwer kits.
- Dutch door shelves are optional.

THERMAL PERFORMANCE OPTION: URETHANE CORE

Our thermal performance urethane core adds an extra insulating value to our door design to ensure better energy efficiency. Combining this door with a thermal break frame and weatherstripping from Design Hardware creates a completely sound thermal opening, ready to battle the elements.

- Specified for improved thermal performance and energy efficiency.



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Level 1
(MSPA) Medium Power
Small Arms
.38 Caliber
- 

Level 2
(HPSA) High Power
Small Arms
.357 Caliber
- 

Level 3
(SPSA) Super Power
Small Arms
.44 Caliber

STC (Sound Transmission Control)

- STC 43, 45, 50, 50E (for Electrified Hardware), 51 (with Glazing Option) & 52 SINGLE OPENINGS.
- STC 48 & 50 PAIRED OPENINGS
- STC 52, 53 & 54 BORROWED LITE OPENINGS

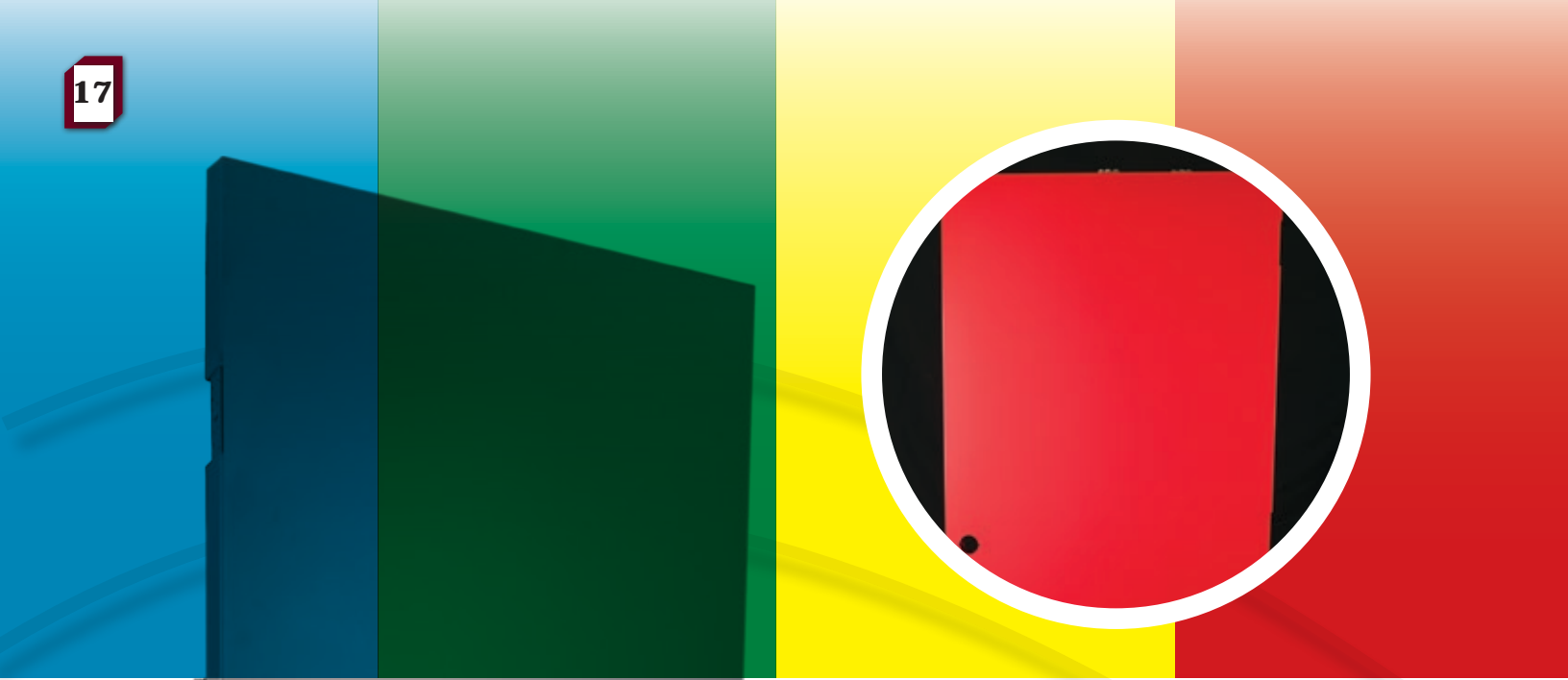
TORNADO RESISTANT DOOR (Windstorm)

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

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 resist, at close range, Level 3 SPSA ammunition.

- Available in sizes up to 4'-0" x 10'-0".
- See www.meskerdoor.com for UL Certificate documentation.



MESKER PAINT

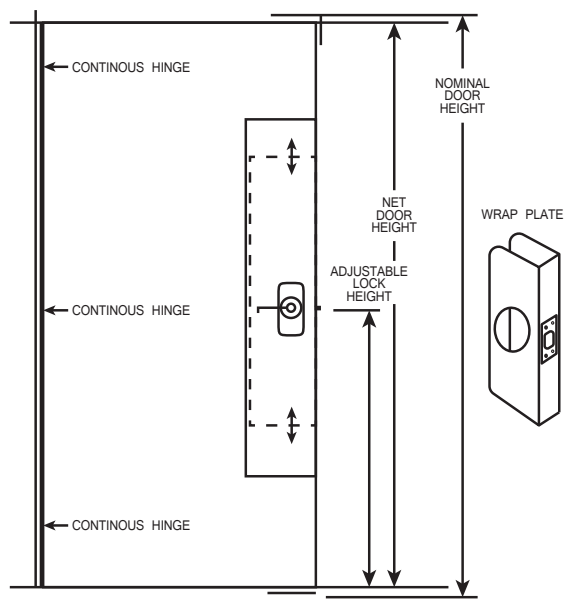
Introducing the latest technology in prefinished doors and frames. The new state-of-the-art paint system at Mesker provides you with the freedom to choose from thousands of colors, while providing a durable, electrostatic, baked-on finish that you can trust to stand the test of time. Manufacturing with 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.



SLIDE LOCK DOOR

Your Replacement Door Solution

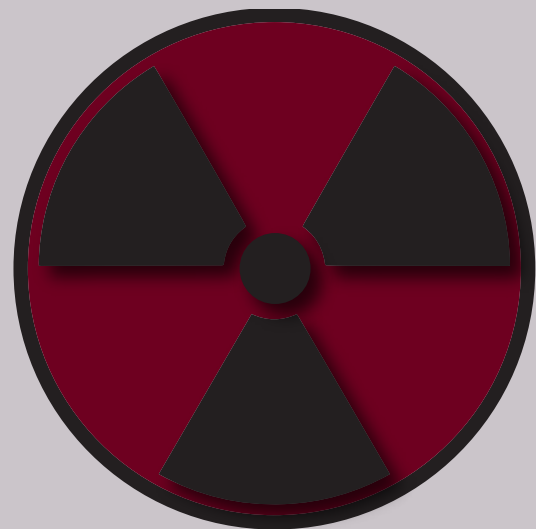
The new patent-pending Slide Lock Door from Mesker is your all-in-one commercial replacement door solution. Featuring the patent-pending slide lock, along with a full mortise continuous geared hinge, and commercial lockset, the Slide Lock Door covers almost 100% of existing commercial hinge and strike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



HURRICANE ASSEMBLIES

Mesker's Hurricane assemblies are available in a wide variety of configurations to satisfy Florida Building codes (FBC Approvals), along with Miami Dade (NOA's) testing requirements. 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. For more detailed information about Mesker and Design Hardware Hurricane Assemblies, please visit www.meskerdoor.com.





MESKER STAINLESS DOORS

Introducing Mesker Stainless, a new stainless steel opening option from a name you trust. Stainless steel offers several benefits besides just being aesthetically pleasing. It offers superior corrosion resistance, hygiene, and adds long term value to your project.

Seamless (SW Series) and Lockseam (LS Series)

- Available in 16, 14, & 12 gauge
- UL Fire Ratings
 - Expanded fire rated offering available with Guardian fire labels where applicable.
- Type 304 standard
 - 316 available
- #4 brushed finish standard
 - #2B mill finish available



All Stainless Steel Components

Core Options:



Polystyrene



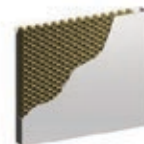
Steel Stiffened



Polyurethane



Temperature Rise



Honeycomb

MESKER LEAD LINED

Our standard lead lined offering includes lead line clips only at frames for lead by others as well as 2# (1/32" thick) & 4# (1/16" thick) lead lining in both frames & doors.

- Thicker lead lining may be available – consult factory.
- Frame fire ratings available through UL, WH/ITS, & Guardian. Door fire ratings available through Guardian.
- Lead lining is typically used in areas such as medical offices / hospitals where radiation shielding is needed.