





CAPTIVA AC / SOLID MDF DOOR COLLECTION



CAPTIVA CUSTOM DOORS ARE SYNONYMOUS WITH QUALITY MATERIAL AND CRAFTSMANSHIP. WITH NORTH ATLANTIC'S PARTNERSHIP WITH ARCHITECTURAL CONCEPTS, WE HAVE EXPANDED OUR PRODUCT LINE TO INCLUDE A HIGH-QUALITY SOLID MDF DOOR AS AN ALTERNATIVE TO ALL-WOOD OR MDF-SKIN INTERIOR DOORS. ALLOW YOURSELF TO BE CAPTIVATED WITH CAPTIVA AC, OUR NEW LINE OF CUSTOM INTERIOR SOLID MDF DOORS.



ARCHITECTURAL CONCEPTS (AC) WAS FOUNDED IN 2007 BY SCOTT COLBY AND JOSH MORGAN. THEIR BREADTH OF EXPERIENCE COMES FROM DIFFERENT BUILDING PRODUCT MARKET SECTORS, PROVIDING BROAD-BASED, IN-HOUSE EXPERTISE IN THE COMMERCIAL ARENA, WITH CORE INSIGHT ON DOORS, FRAMES, HARDWARE, ARCHITECTURAL METALS, SHOWER ENCLOSURES AND GLAZING PRODUCTS.

Captiva AC / Architectural Concepts Series

CONSTRUCTION	Solid MDF Stile and Rail
PANEL THICKNESS	1/2" - 1"
DESIGN OPTIONS	Unlimited
GLASS OPTIONS	Unlimited
FINISHING OPTIONS	High Quality Primer with AC Factory Finish
FIRE RATING	20, 45, 60, or 90 minute
STC RATING	32 - 35
PRICE	\$\$\$\$
UTILITY	Custom, larger residential and commercial interior packages



Table of contents

Choosing Your Door	1
Door Construction	2-3
Prefinishing	4
Panel and Sticking Options	5-7
Panel Doors	8-12
Glass Door Options	13-15
Glass Doors	16-18
Panel Lite Doors	19-21
Modern Collection	24-25
Grooved and Beaded Doors	22-23
Louver Doors	24
Flush Doors	25-26
Tambour Doors	27
Fire Rated Doors	28
Wood Frames and Jambs	29
STC Ratings	30
Hardware	31
Barn Door Hardware	32



Made in U.S.A.

Captiva Custom Wood Doors, Custom MDF Doors, and AC Solid MDF Doors are manufactured in the USA.

Choosing the right door made easy

WHEN IT COMES TO SELECTING THE RIGHT DOOR FOR YOUR PROJECT, WE'RE WITH YOU EVERY STEP OF THE WAY. WE PRIDE OURSELVES ON CREATING DOORS THAT MATCH YOUR DESIGN VISION, MAKE FUNCTIONAL SENSE FOR YOUR SPACE AND FALL WITHIN YOUR BUDGET.

- 1. Choose Door Style
- 2. Choose Door Details: Sticking Profile, Panel Option, Glass Option or Mirror
- 3. Choose Application: Barn Door, Swing Door or Pair

A500 Square Sticking (SS) F Panel (F) AC9000B Hardware ACM06312 Pull

What is the right door for the opening?

We understand the different needs of every door opening. We'll help you recognize issues of durability for those high traffic areas, considerations of functionality for the given space, and the style demanded by your design and the aesthetics of the environment.

A300 Square Sticking (SS) White Lami Glass ACCL80 Sliding Hardware AC5310 Pull

MDF



MDF (Medium Density Fiberboard) is a smart choice for many of your interior door needs. Not only are MDF doors stable, durable and environmentally friendly, but our super-refined MDF doors provide a remarkably smooth finish and outperform natural wood doors for painted applications.

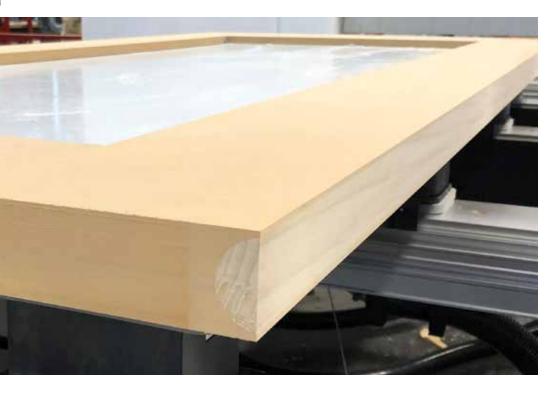
Because of their homogeneous construction, MDF doors are more durable and resist warping, cracking and splitting. MDF allows us to build more stable and architecturally correct doors and details. MDF is an engineered wood product made from recycled and recovered wood fiber. Rest assured, we do not fill our MDF products with cheaper core materials (like many alternatives), and we never use low-density fiberboard.

All our MDF is CARB2* compliant and NAUF** MDF is available on request.

* California Air Resources Board

** No Added Urea Formaldehyde Medium Density Fiberboard

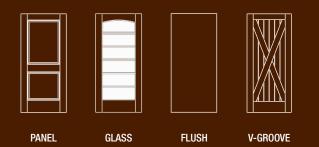
Superior structural wood edge



1		

MDF holds screws well through the face, but not as well through the edge. We have worked diligently on designing a wood edge that provides a complete glue bond, without any gaps, increasing the structural rigidity of the door. Our wood edge will accept all of your hardware with ease.

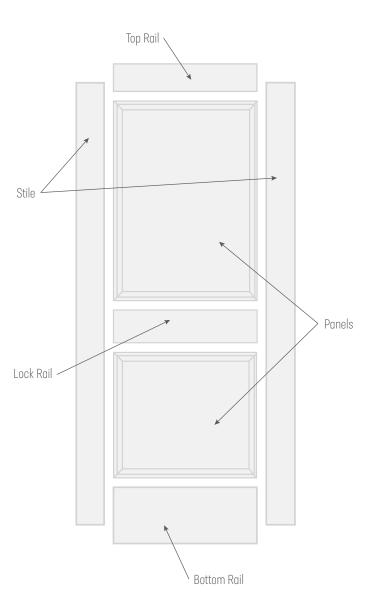
Door style



From panel doors to barn doors, the wide selection available from Captiva AC is sure to match your design vision and bring high-quality craftsmanship to your space.

Stile & rail

Captiva AC stile and rail doors allow us to craft virtually any style of door while bringing a high level of craftsmanship and quality to our clients. With meticulous construction and the use of premium materials (that exceed industry standards), these stile and rail doors provide sharper corners, better depth and more stability than other comparable doors.



Primer

Captiva AC uses a high end, high build, WDMA primer on all our doors. This is an acrylic latex primer intended for priming interior and approved exterior MDF and composite substrates. This product dries fast, sands easily and will fill open grain woods and MDF with little or no fiber raise. Works with any type of topcoat: Latex, Oil, Acrylic and Lacquer.

Machining

With state of the art CNC Machinery, doors can be prepped for any type of hardware.

Prefinished top coat

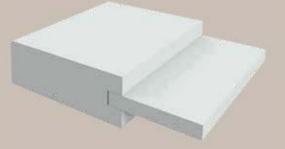
We can prefinish your MDF door with our unique, waterborne Polyurethane and Acrylic topcoat. As a value-added service, this waterborne sealant is designed for use as a self-sealing topcoat. A strong build providing a durable finish with very good hardness and chemical resistance compared to traditional acrylic latex and Nitrocellulose finishes.

Our topcoat meets or exceeds KCMA test requirements for finishes and is low VOC and UL GREENGUARD Gold Certified for low chemical emissions. We can accommodate all gloss ranges and can be toned to almost any color. Please ask your customer service representative for more information on pricing and lead times.

A202 Square Sticking (SS) F Panel (F)

The distinctive look of every panel door is in the profile. The door profile is defined by the joints where the sticking and panels come together and the styles of each. Choose from over 45 combinations of sticking and panel styles to achieve the perfect profile look for your project, or we can help you create a custom solution.

Each of our panel doors are built with authentic stile-and-rail construction for architecturally correct results. You can choose from diverse panel door styles in configurations from one to nine panels.



Custom A300 Square Sticking (SS) Flat Panel (F) Custom plant on Moldings

1

Sticking options

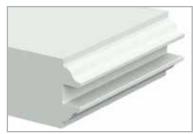
Sticking is the pattern cut into the interior edges of every stile and rail - and is an essential component in your door's overall style. Stiles and rails are the vertical and horizontal wood pieces that create the frame of a panel door.

Panel options

RAISED (R)

DOUBLE HIP (D)

We offer various panel styles that work with the sticking to complete the style of your door's distinctive profile. You can work with our experts to find a profile that is both unique, attractive and matches your planned design aesthetic.



ROMAN OGEE (OG)



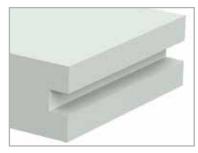
ONE STEP (OS)



COVE & BEAD (CB)



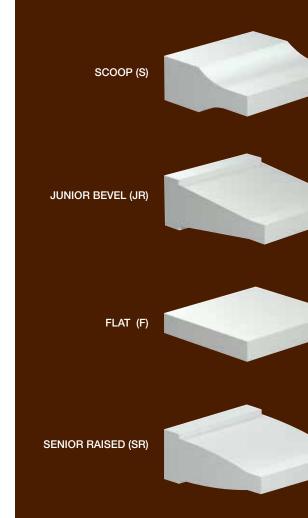
BEVEL (BV)



SQUARE STICK (SS)



QUARTER BEAD (QB)



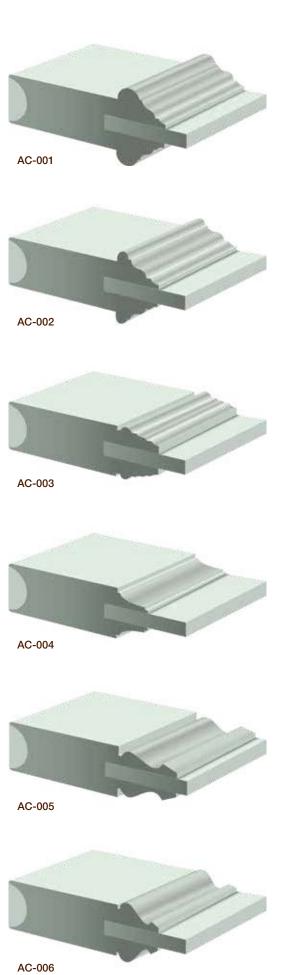


QUARTER ROUND (QR)

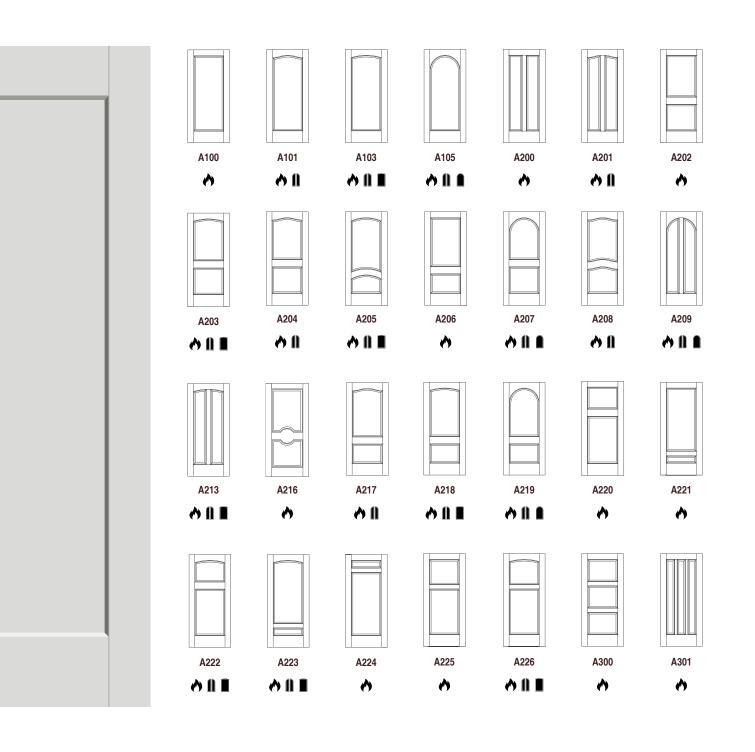
Raised moulding

We have a wide selection of decorative applied mouldings that can be applied to your doors. If you don't see what you want, send us a sketch and we can build it.

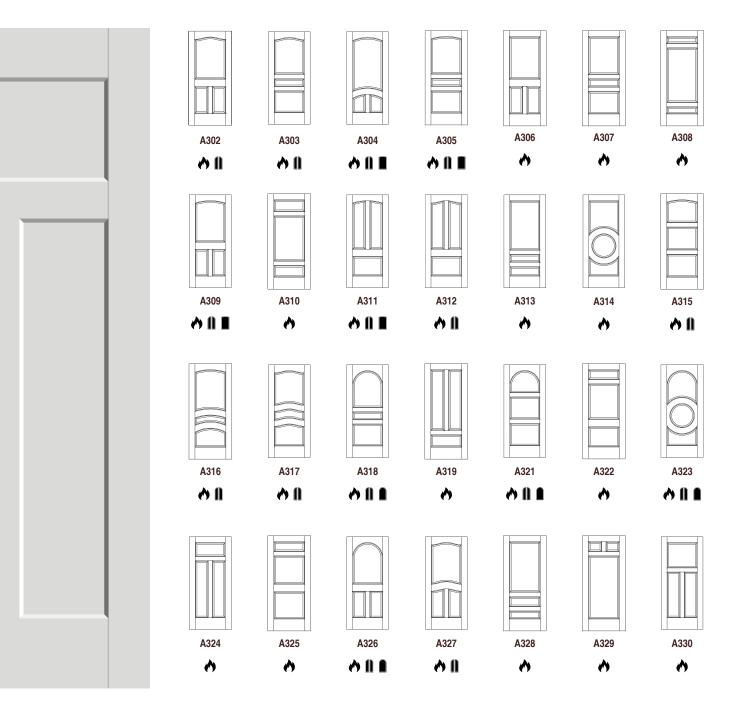










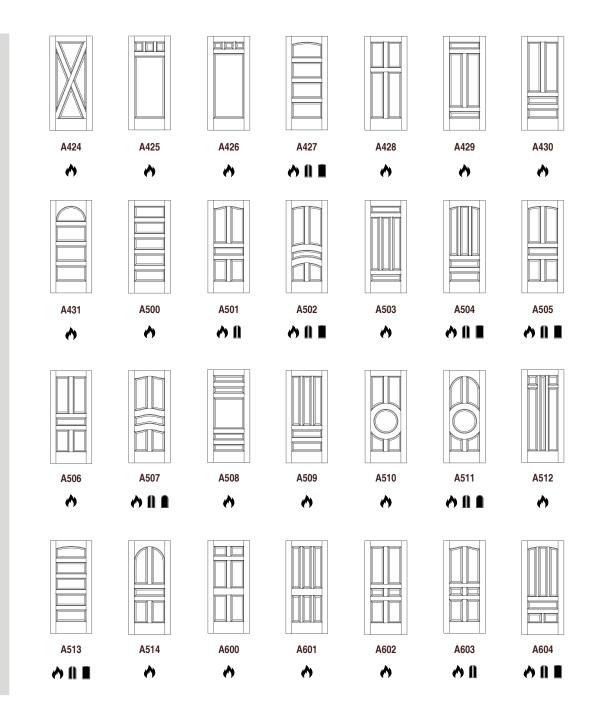






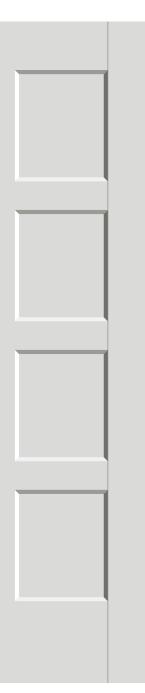


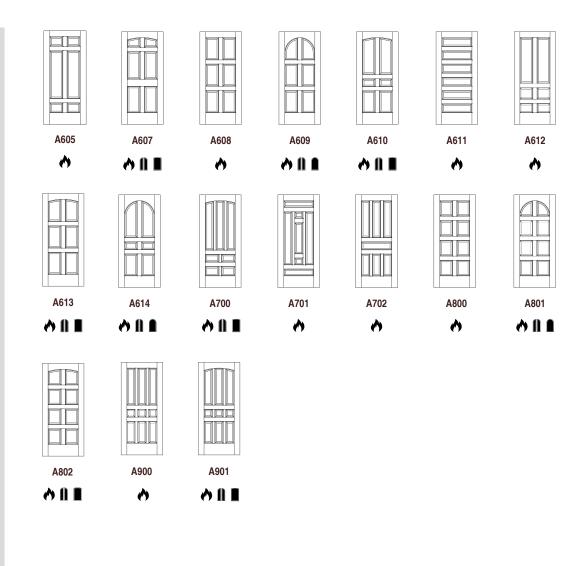




Arch-Top

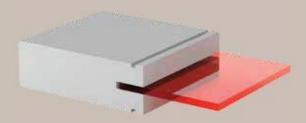






Glass doors

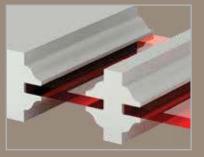
CONSTRUCTED WITH OLD-WORLD CRAFTSMANSHIP, OUR GLASS DOORS ENHANCE ALMOST ANY SPACE. WHETHER YOU'RE DESIGNING FOR AN ELEGANT ENTRANCE OR A MORE INTIMATE SPACE, OUR EXPERTS CAN HELP YOU SELECT THE DOOR TYPE AND GLASS PANELS THAT PROVIDE JUST THE RIGHT BALANCE OF NATURAL LIGHT, PRIVACY AND STYLE.



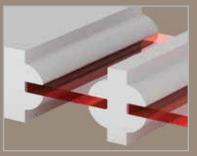
QUIRK MOULDING COMPRESSION FIT (QM)

> G100 Quirk Moulding (SS) 1/4" White Lami

Glass door profile **options**



ROMAN OGEE SASH (OG)



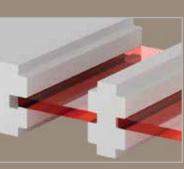
QUARTER ROUND SASH (QR)

Glass panel options

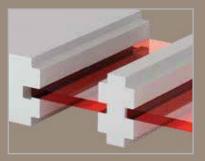
Glass panels can often offer your door a visual aesthetic that wood doors cannot accomplish alone. Whether you're considering tinted or textured glass, or something with a more distinctive look, such as resin panels or cast glass, we can create the style you're searching for. Consult with our experts to find the perfect balance of natural light and privacy that your project demands.



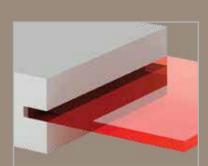
COVE & BEAD SASH (CB)



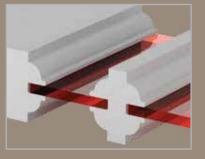
ONE STEP SASH (OS)



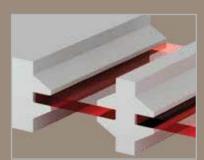
SQUARE STICK SASH (SS)



SQUARE STICK COMPRESSION FIT (SS)



QUARTER BEAD SASH (QB)



BEVEL SASH (BV)



Standard glass options



Square Sticking (SS) Frosted Glass AC9000B Hardware



CLEAR



EUROPEAN ETCHED FIBER



OBSCURE



ANTIQUE



FROSTED



FLUTE LITE NARROW



FLUTE LITE WIDE



QUADRA



FLUTE LITE

GROOVE

RAIN



WHITE LAMI

RIPPLE



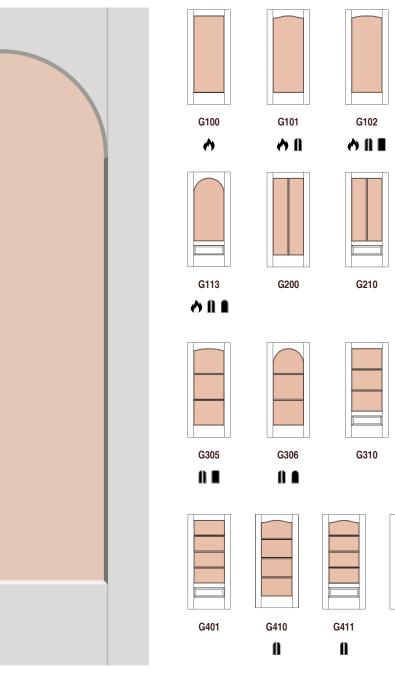
WHIRL

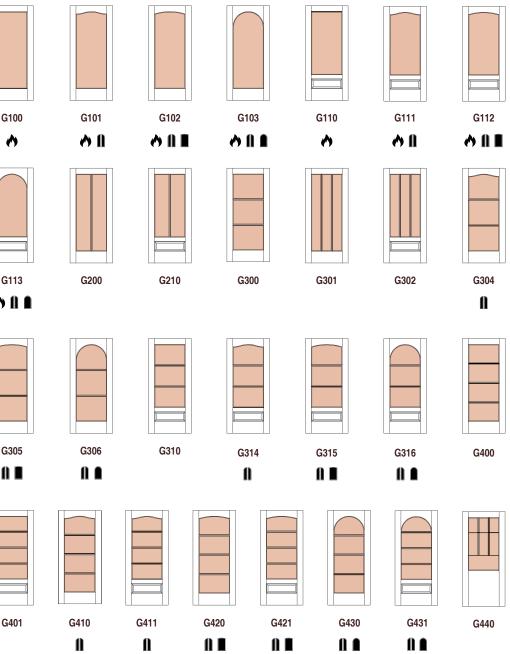


MIRROR



Glass panel doors







Glass panel doors



G500	G501	G510	G511	G520	G521	G530
		Û	A	î ∎	Ո∎	A 🛛
G531	G600	G601	G602	G603	G606	G607
Ո ●		A	Ո∎	A A		Û
G608	G609	G616	G617	G618	G619	G800
Ո∎	A ■		Ĥ	û ∎	0 ●	
G810	G820					
GOTU	6020	G821	G830	G831	G840	G841



Glass panel doors



G850	G900	G901	G1000	G1001	G1010	G1011	G1020
G1021	G1030	G1040	G1041	G1200	G1210	G1221	G1230
G1231	G1240	G1241	G1250	G1300	G1500	G1501	G1510
G1511	G1520	G1521	G1530	G1531	G1540	G1800	G1801
G1810	G1811	G1820	G1821	G1830	G1831		

Panel lite doors

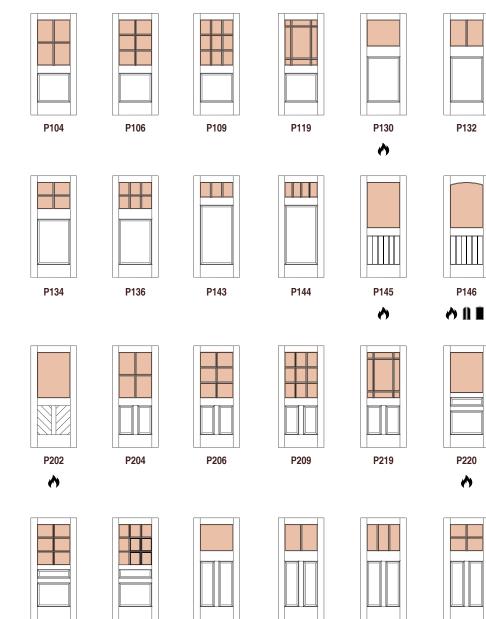


P100 Square Sticking (SS) 1/4" Frosted Glass AC9000 B Hardware Matte Black



Panel lite doors





P230

0

P232

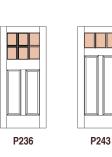
P233

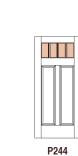
P234

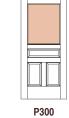


Panel lite doors

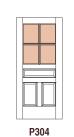


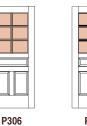






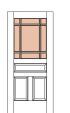
0







P309



P319



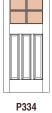
P330

0

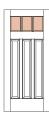
P400

0

P333





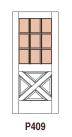


P343

P344

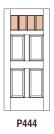


P406





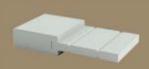
P336



21 CAPTIVA AC SERIES

V-Groove series profile options

For the classic look of a plank door, we recommend our V-Groove Series doors. Although built with the solidness of a stile-and-rail construction, each V-Groove door features a precision carved tongueand-groove that gives the rustic appearance of a plank-style door.



STANDARD V-GROOVE PROFILE





STANDARD V-GROOVE FLUSH

BEADED V-GROOVE PROFILE

U-GROOVE FLUSH PROFILE



SQUARE GROOVE FLUSH PROFILE

Custom V100 U-Groove MDF AC4251 Flush Pull AC9000B Barn Door Track



V-Groove doors















V101

0

V215

0

V405

0







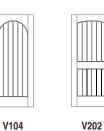




V300

0

W



0 A E

V303

0 A A A

000

V302

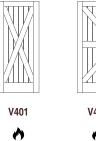
0 A E



0









0





V210

0







Louver door collection

Our striking louver doors provide not only unique style options, from traditional plantation style to coastal contemporary, but also serve a functional purpose as well, by offering both privacy and the airflow needed for certain rooms and spaces. Our louver panels are available in both vented and false configurations and can be added to most of our panel doors.

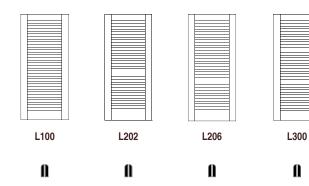




VENTED LOUVER

FALSE LOUVER

Louver doors







Custom flush doors

Our flush modern doors offer a sturdy, functional option for certain applications and aesthetic needs. Every one of our flush doors is engineered to resist warping and twisting. You can select from a wide variety of wood species or paint grade MDF to finish out your flush door. Depending on the size, most of our flush doors can be quite heavy. To reduce the weight, you can choose to add a tubular core, which reduces the weight but maintains the structural stability. For extremely large doors, inquire about our aluminum honeycomb construction.



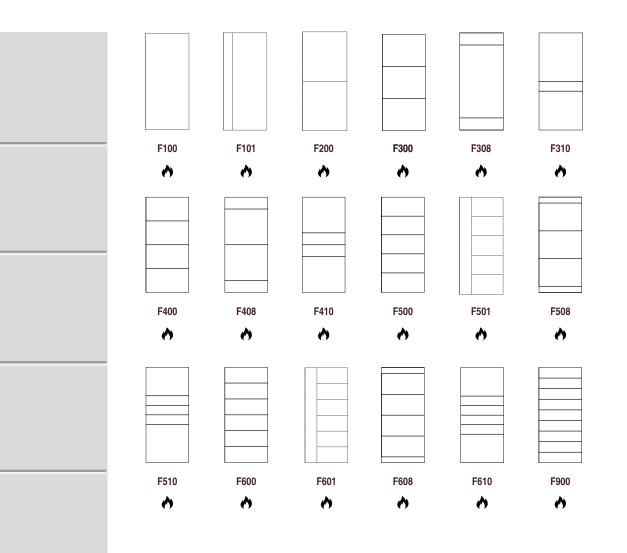


1/2" STAINLESS INLAY

SQUARE GROOVE



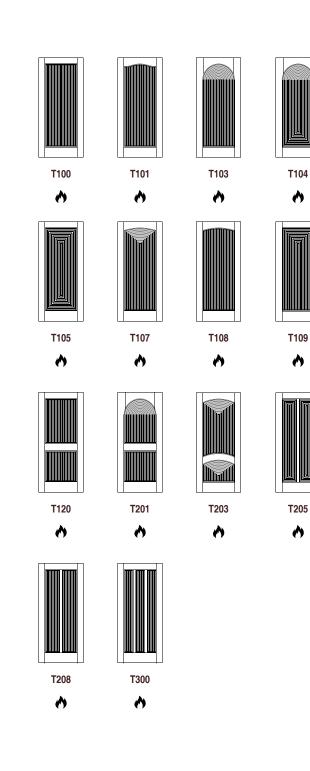
Custom flush doors



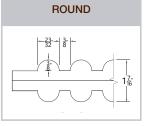


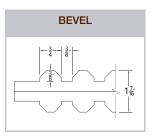
Tambour doors











Fire-rated doors



YOU CAN FOCUS ON A PROPER FIRE PROTECTION SYSTEM AND YOUR DESIGN VISION WHEN SELECTING ONE OF OUR FIRE-RATED DOORS. EACH DOOR, AVAILABLE IN FIRE RATINGS OF 20-, 45-, 60- AND 90-MINUTES, IS CAREFULLY DESIGNED TO MATCH ANY OF OUR NON-RATED DOORS, PROVIDING YOU ARCHITECTURAL CONSISTENCY AND PEACE OF MIND.

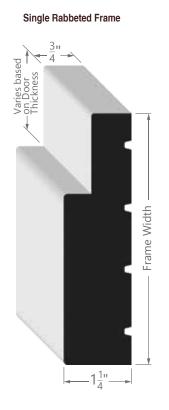


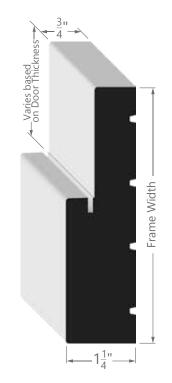
	20-Minute MDF	20-Minute Wood	45- and 60-Minute MDF	90-Minute MDF
Category	Category A Category B Neutral Pressure	Category A Category B Neutral Pressure	Category A	Category A
Thickness	1-3/4" minimum	1-3/4" minimum	1-3/4" minimum	1-3/4" minimum
Maximum Width Single	4'0"	4'0"	4'0"	4'0"
Maximum Width Pair	8'0"	8'0"	7'0"	6'0"
Maximum Height	8'0"	8'0"	8'0"	8'0"
Fire Glass Max. Area	2,656 sq. inches	2,656 sq. inches	1,248 sq. inches (45 min.) 100 sq. in Matching sticking (60 min.) 1,296 sq. in. with vision kit	100 sq. in matching sticking 1,080 sq. in. with vision kit
Standards	ASTM E-152, NFPA 80	0, NFPA 252 (2017), UL10B	3, UL10C, CAN/ULC S104 (2015)	

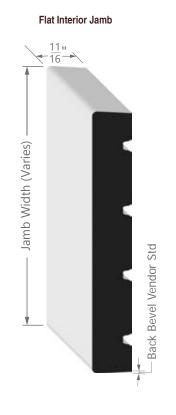
Wood Frames and Jambs

WE OFFER PRIMED FINGER JOINT FLAT JAMBS WITH APPLIED STOP AND SINGLE RABBETED FRAMES ALL MACHINED TO YOUR HARDWARE SPECIFICATIONS AND SHIPPED KD (KNOCK DOWN).

Single Rabbeted Frame with Kerf







OG Door Stop
1 RE Door Stop

Image: Construction of the second s

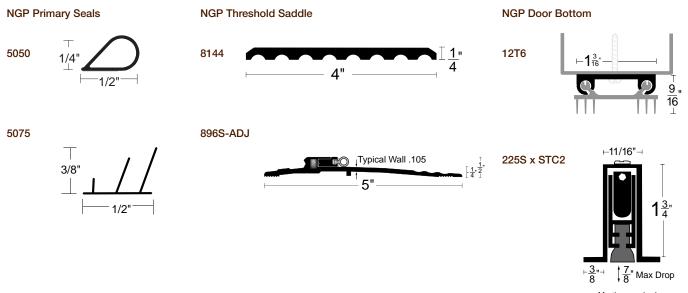
AC STC Ratings

Sound Transmission Class (STC) Rating for Doors determines how successful it will be at blocking the movement of sound. Architectural Concepts MDF Doors are initially a good sound reducer, however, the door is just one piece of the equation. It is important to use the proper acoustical gasketing combinations to seal the gaps around the perimeter of the door opening. The gasketing combinations we list below, when tested with our doors, achieved a zero drop-off in our STC rating. Ultimately, the hardware gasketing and perimeter sealing determine the sound rating that a door achieves.

Our MDF Doors have been tested with hardware packages from National Guard Products in the following chart. All of these ratings are for operable single swing doors with the sound control hardware specified on the right-hand side of the table.

STC Ratings

			National Guard Products (NGP) Hardware Used:		
Door Styles	STC Rating	Door Thickness	Primary Seal	Threshold Saddle	Door Bottom
A100 - A200 Square Sticking (SS) Flat panel (F)	32	1-34"			
A100 - A200 Square Sticking (SS) Raised panel (R)	34		5050 Twin Row	8144 (optional)	12T6
A300 - A900 Square Sticking (SS) Flat panel (F)	33		-or- 5075	-or- 896S-ADJ	-or- 225S x STC2
A300 - A900 Square Sticking (SS) Raised panel (R)	35				



Mortise required 3/4" x 1-15/16"

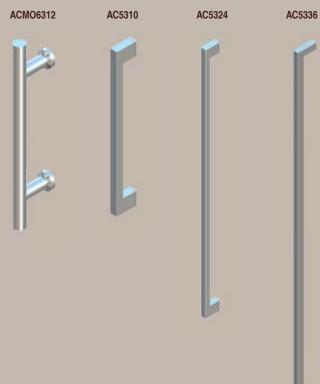
Acoustical testing to ASTM E90 Standard Test Method for Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements, ASTM E2235 Standard Test Method for Determination of Decay Rates for use in Sound Insulation Test Methods, and ASTM E1332 Standard Classification for Rating Outdoor - Indoor Sound Attenuation. The sound transmission class (STC) was calculated in accordance with ASTM E413 Classification for Rating Sound Insulation.

Hardware

A WIDE VARIETY OF BARN DOOR TRACK, HARDWARE SETS, AND PULLS ARE AVAILABLE.



Pulls Come in Several Finishes Polished Stainless Satin Stainless Bronze Powder coat Black Powder coat



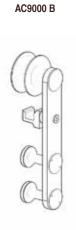
ACMO6312 Pull Satin Stainless



Barn door track



14





AC9000 C



AC8000 A

AC8000 B





A202 Square Sticking (SS) F Panel (F) AC8000 A Hardware Black Powder coat



CAPTIVA IS A BRAND OF NORTH ATLANTIC CORP.



Learn about our other MDF Doors:



Captiva Custom MDF Doors captivacustom.com



Cleary C Series MDF Doors clearymillwork.com