

Architectural Concepts / Door Collection

Clearly Different



# 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
- Choose Application:
  Barn Door, Swing Door or Pair

A300 Square Sticking (SS) White Lami Glass ACCL80 Barn Door Track AC5310 Pull A500 Square Sticking (SS) F Panel (F) AC9000 Barn Door Track 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.

## 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

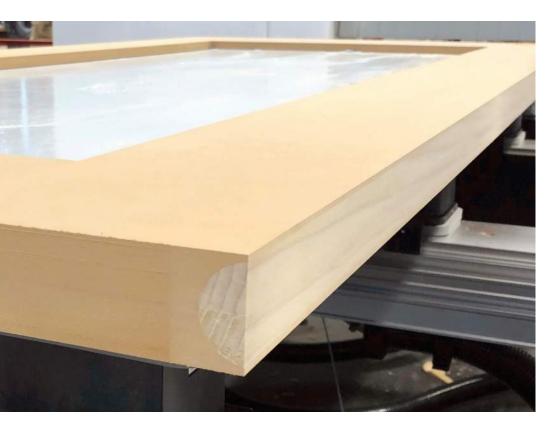
\*\* No Added Urea Formaldehyde Medium Density Fiberboard

### What is MDF



MDF (Medium Density Fiber) is a 100% recycled product that was Green before Green was cool, making it a great choice for doors. MDF is first produced by taking raw wood residuals (Chips, Shavings and Sawdust), passing through a steam digesting process to soften the wood fibers and then refining them to their individual cell fibers. **We are essentially taking the memory out of wood and putting it back together in a two-dimensional board.** These fibers are then dried and a thermal setting resin is introduced to the mix. From here, the matts of fiber are put into a steam heated platen press, applying heat and pressure, give us our net thickness needed.

# Superior Structural Wood Edge



### Green Certified

100% Recycled Materials FSC Certified Raw Materials NAF (No-Added Formaldehyde) Certified MDF

EPA TSCA Title VI 40 CFR 770.17 No-added formaldehyde resins CARB ATCM 93120.3(c)

#### LEED V4 Credit Certified

Materials & Resources Credit

- Environmental Product Declartions (EPD)
  Can be considered 1 manufacturer of 5 required by the credit.
- 2. Material Ingredients (NAF)
- 3. Sourcing of Raw Materials
  - Wood Products are FSC Certified
- Recycled Content- 96.2% pre-consumer Recycled

Indoor Environmental Quality Credit (Low Emitting Materials)

• CARB ATCM 93120

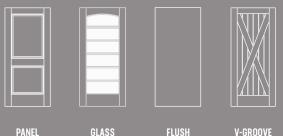




MDF holds screws well through the face, but not as well through the edge. We have worked diligently on designing a wood edge that provides a complete glue bond, without any gaps, increasing the structural rigidity of the door. Our wood edge will accept all of your hardware with ease.

- 742 lbs Screw Pull Test
- WDMA Extra Heavy Duty

# Door Style



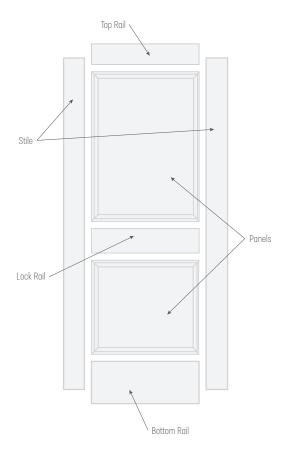
PANEL

V-GROOVE

wide selection we offer at Architectural

## Stile & Rail

Our 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), our stile and rail doors provide sharper corners, better depth and more stability than other comparable doors.



### Primer

We use a high quality 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 our state of the art CNC Machinery, we can prep any door, for any type of hardware.

# **Engineered Stiles**

We offer engineered stiles, built with an LSL core, which are excellent for large, oversized doors and pocket doors. It holds screws better than LVL and is available for 1-3/8", 1-3/4" and 2-1/4" doors.

# Prefinished Topcoat

We can prefinish your MDF door with our unique, waterborne 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.

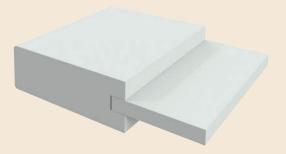
Our topcoat meets or exceeds KCMA test requirements for finishes and is low VOC and UL GREENGUARD Gold Certified for low chemical emissions. We can accommodate most gloss ranges and can be toned to almost any color. *Please ask your customer service representative for more information on pricing and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





The distinctive look of every panel door we manufacture is in the profile. The door profile is defined by the joints where the sticking and panels come together and the styles of each. Fortunately, we offer over 45 combinations of sticking and panel styles, so you can achieve the perfect profile look for your project. If not, we will be happy to help you through the process to 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.



ROMAN OGEE (OG)



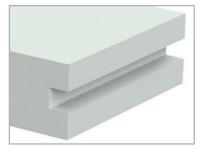




COVE & BEAD (CB)



BEVEL (BV)



SQUARE STICK (SS)



QUARTER BEAD (QB)



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.

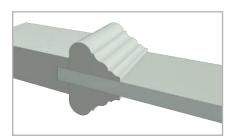




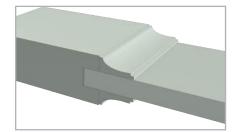
QUARTER ROUND (QR)

# 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.



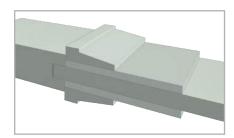
AC-001



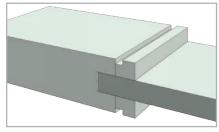
AC-004



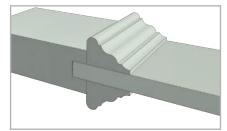
AC-007



AC-010



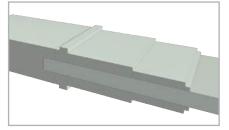
QUIRK MOULDING (QM)



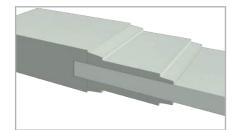
AC-002



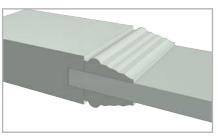
AC-005



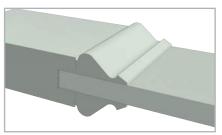
AC-008



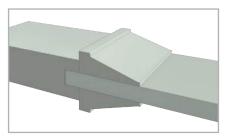
AC-011



AC-003



AC-006



AC-009



AC-012



# Exterior Doors

#### ANY OF OUR DOORS CAN BECOME AN EXTERIOR DOOR

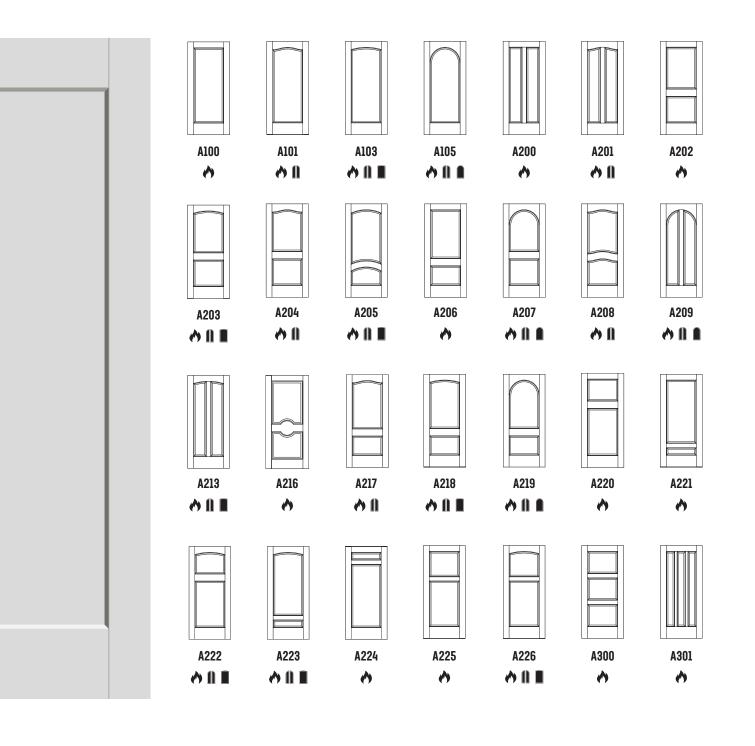
We are incorporating Exterior MDF, with our Exterior Engineered Stiles to make an extremely durable door with unparalleled design flexibility.

Engineered Exterior Stiles and Rails which incorporate Armorite Exterior MDF and LSL Cores Panels are made of Armorite Exterior MDF Industry best Milesi Exterior Primer Available for 1-3/4" and 2-1/4" doors 10 Year Limited Warranty Milesi Exterior Pre-Finish available

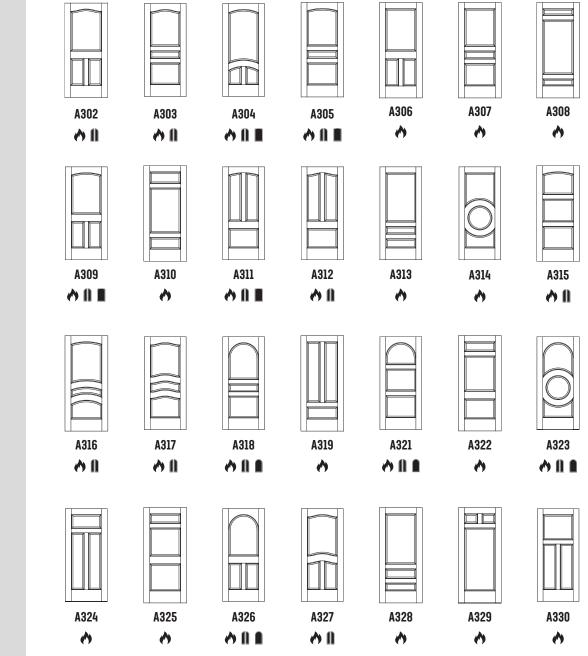




**Architectural Concepts / Door Collection** 

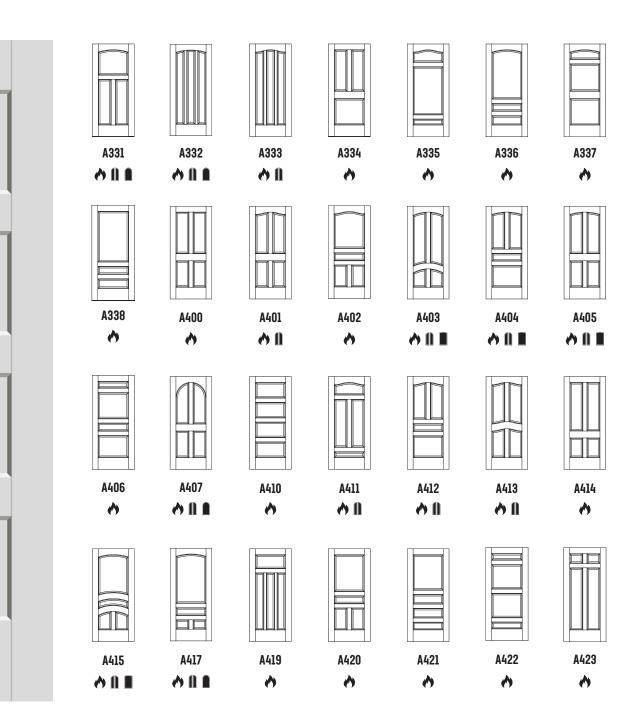




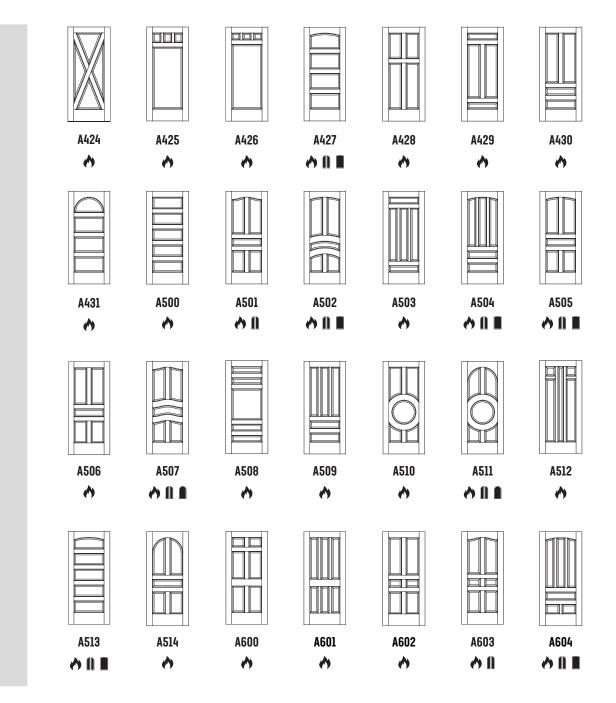




**Architectural Concepts / Door Collection** 





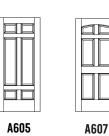




**Architectural Concepts / Door Collection** 



14



10

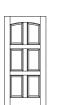
A614

011

A900

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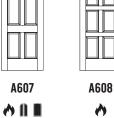


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A802

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A700

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A901

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A701

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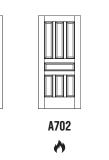


A611

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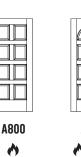


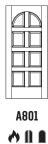
A612 0



A610

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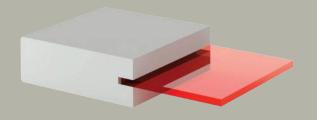




ARCHITECTURAL CONCEPTS | Door Catalog

# Glass Doors

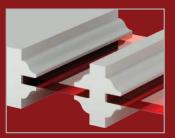
Constructed with old-world craftsmanship, our glass doors enhance almost any space. Whether you're designing for an elegant entrance or a more intimate space, our experts can help you select the door type and glass panels that provide just the right balance of natural light, privacy and style.



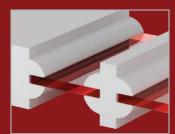


G100 Quirk Moulding (QM) 1/4" White Lami

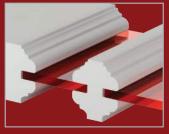
### Glass Door Profile Options



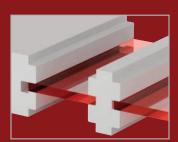
ROMAN OGEE SASH (OG)



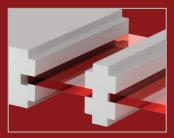
QUARTER ROUND SASH (QR)



COVE & BEAD SASH (CB)



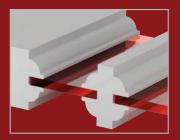
ONE STEP SASH (OS)



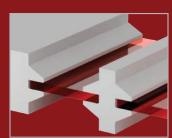
SQUARE STICK SASH (SS)



SQUARE STICK COMPRESSION FIT (SS)



QUARTER BEAD SASH (QB)



BEVEL SASH (BV)

### 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.



# Standard Glass Options







RAIN

CLEAR



MIRROR



ANTIQUE



FROSTED



FLUTE LITE NARROW



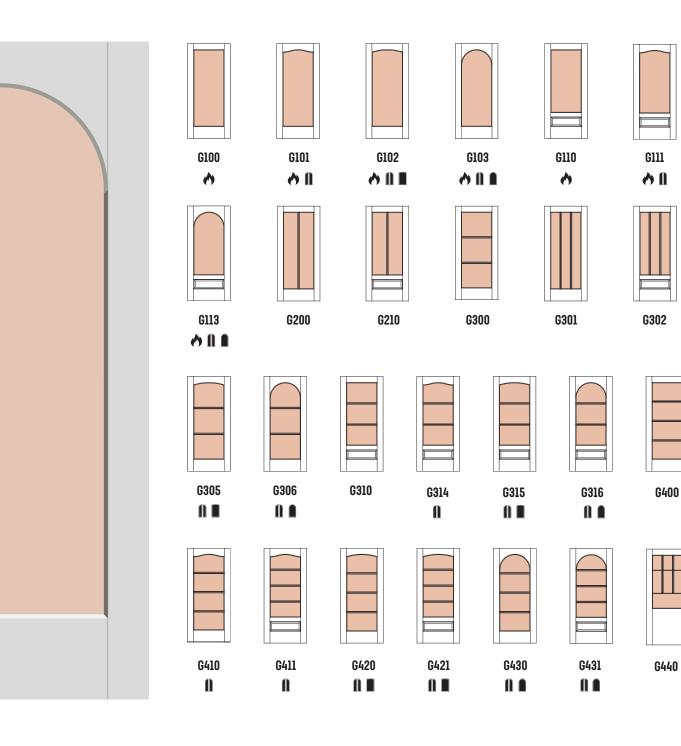
FLUTE LITE GROOVE

WHITE LAMI



### Glass Panel Doors

**Architectural Concepts / Door Collection** 



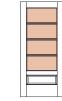


G112

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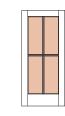
G304

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G401

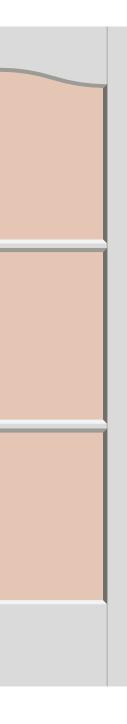


G450



### Glass Panel Doors

**Architectural Concepts / Door Collection** 



	G500	G501

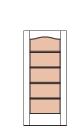
G531

G608

G600

G609

G820



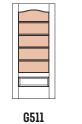
G510

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G601

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G616

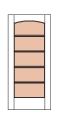


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G602

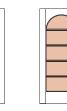
G617

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G520

G603

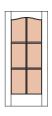


G521

G606

G619



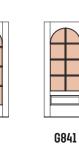


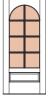
G607 A





G800

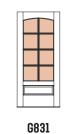




G810



G830



G618

G840

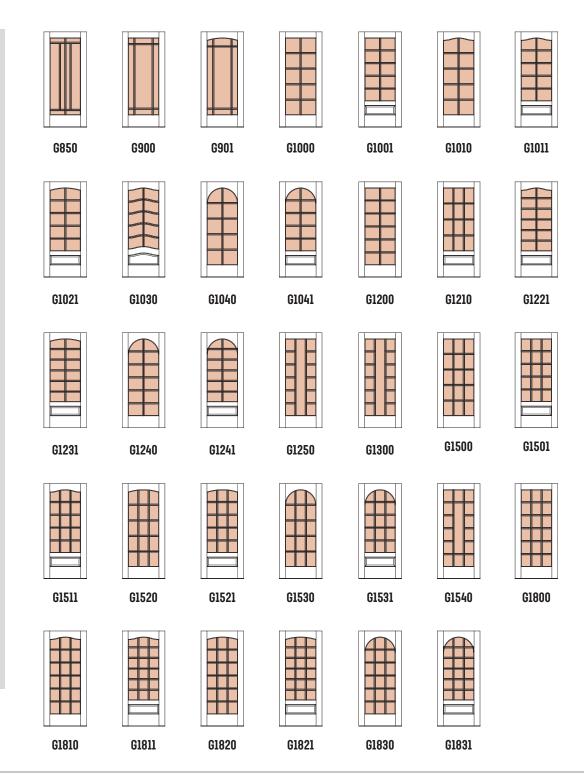
Arch-Top



#### Glass Panel Doors

**Architectural Concepts / Door Collection** 





G1020

G1230

G1510

G1801

# Panel Lite Doors



P100 Square Sticking (SS) 1/4" Frosted Glass AC9000 Barn Door Track Matte Black

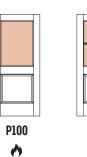


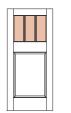
#### Panel Lite Doors

**Architectural Concepts / Door Collection** 



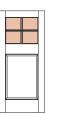
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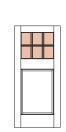


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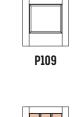


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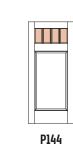


P136

P106



P143

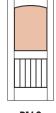


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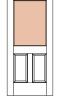
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P132

P146



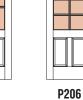
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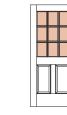


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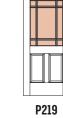


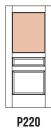
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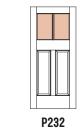


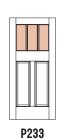


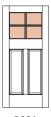




P220







P224

P230

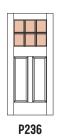
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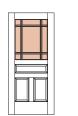
### Panel Lite Doors

**Architectural Concepts / Door Collection** 







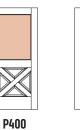


P319





P344



P330

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P404

P244

P332

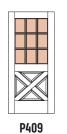


P406

P333

P300

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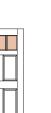


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P304







P306

P336



P343

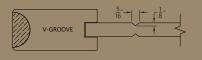
P309

P444

### 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-andrail construction, each V-Groove door features a precision carved tongue-and-groove that gives the rustic appearance of a plank-style door.

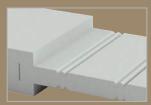




STANDARD V-GROOVE PROFILE



STANDARD V-GROOVE FLUSH PROFILE



BEADED V-GROOVE PROFILE



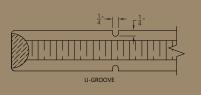
**U-GROOVE FLUSH PROFILE** 

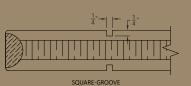


SQUARE GROOVE FLUSH PROFILE







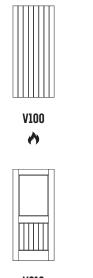


Custom V100 **U-Groove MDF** AC4251 Flush Pull AC9000 Barn Door Track

6



V-Groove Doors





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V405

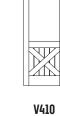
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V101

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V404 0



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V103

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V300

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V104

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V302

0 A A A

V415

0



V202

01



V203

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V207 0

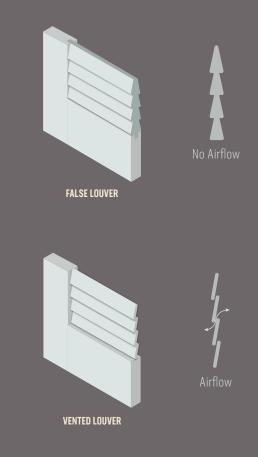
V303



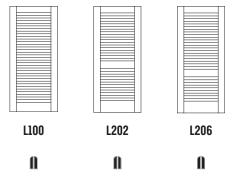
Radius-Top

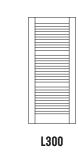
# Louver Door Collection

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.



### Louver Doors





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#### POLISHED STAINLESS STEEL

BRUSHED STAINLESS STEEL

POLISHED BRASS

SATIN BRASS

**BRONZE POWDER COAT** 

BLACK POWDER COAT

F501 Stainless Inlay

### 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. 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.

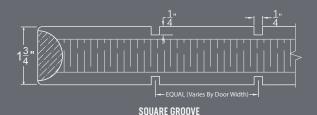




1/2" STAINLESS INLAY

SQUARE GROOVE

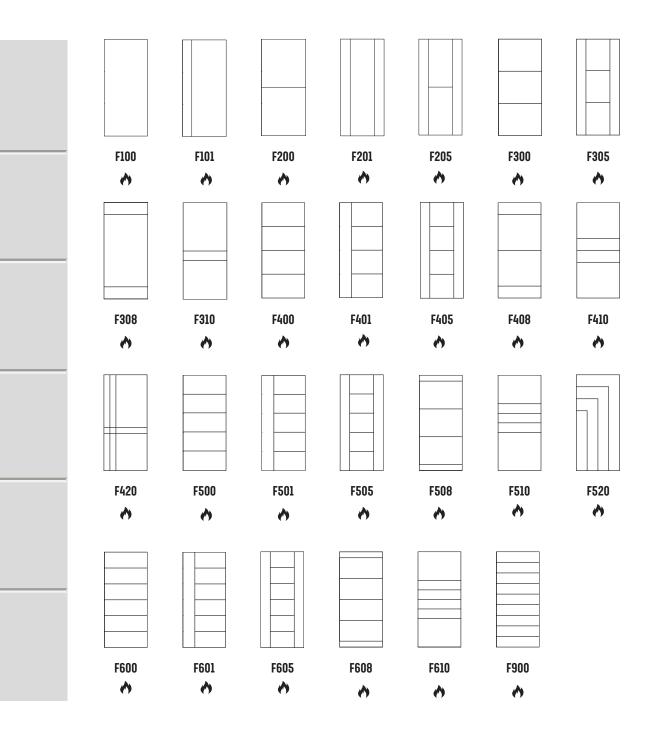






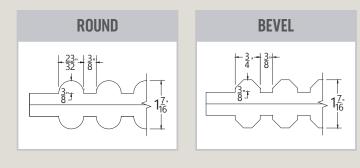
### Custom Flush Doors

**Architectural Concepts / Door Collection** 



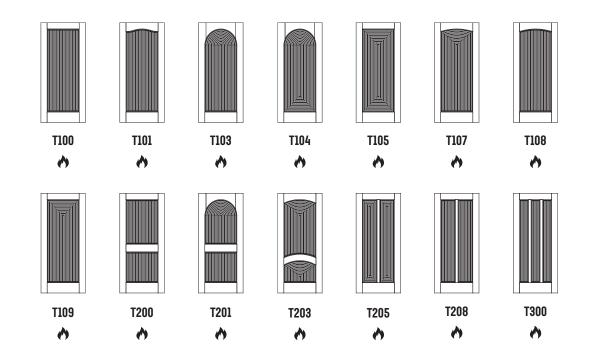
# Tambour Doors

The AC/DC Tambour Door blends classic stile and rail construction with advanced CNC routing-available in round or bevel styles-to create a sleek, modern aesthetic suited for today's contemporary spaces.





### Tambour Doors



# Fire-Rated Doors



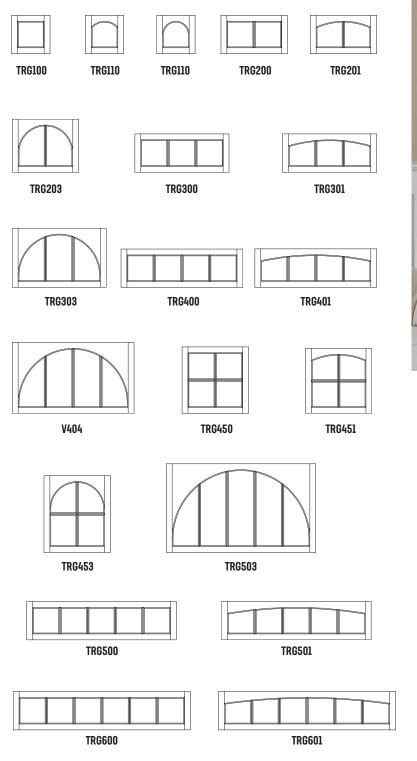
You can focus on a proper fire protection system and your design vision when selecting one of our fire-rated doors. Each door, available in fire ratings of 20-, 45-, 60- and 90-minutes, is carefully designed to match any of our non-rated doors, providing you architectural consistency and peace of mind.



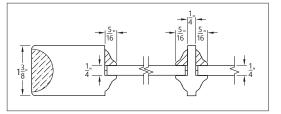
	20-minute MDF	20-minute Wood	45- and 60-minute MDF	90-minute MDF	
Category	Category A Category B Neutral Pressure	Category A Category B Neutral Pressure	Category A	Category A	
Thickness	1-3/4" minimum	1-3/4" minimum	1-3/4" minimum	1-3/4" minimum	
Maximum Width Single	4'0''	4'0"	4'0"	4'0''	
Maximum Width 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, NFPA 252 (2017), UL10B, UL10C, CAN/ULC S104 (2015)				

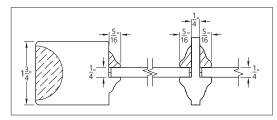
### Transoms

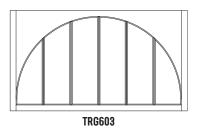
Compliment your doors with MDF transom windows fitted with our clear laminated glass that can make doors and windows feel larger and brighten a room with added light.

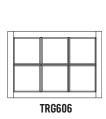


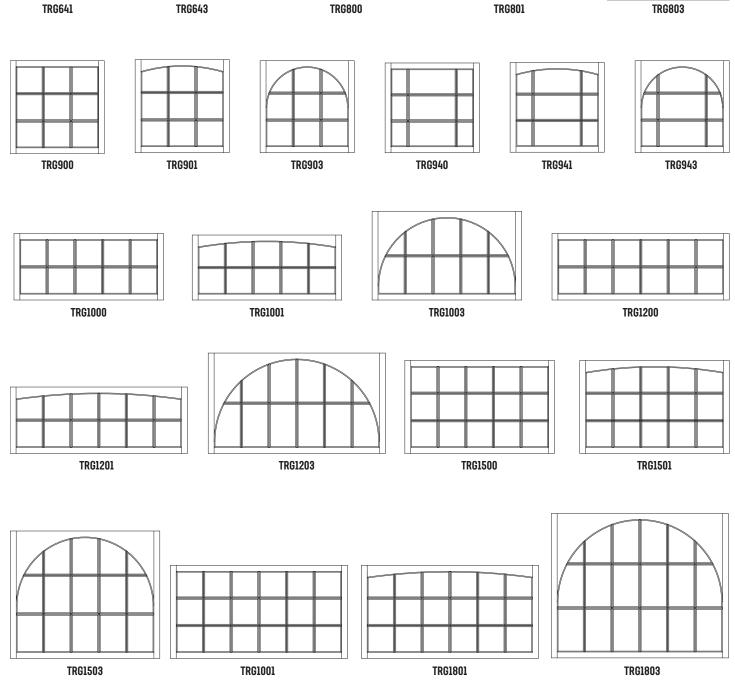






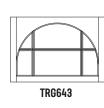


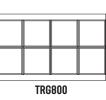


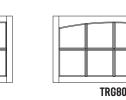


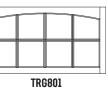


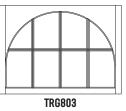
TRG621





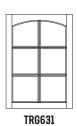


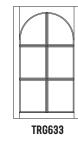










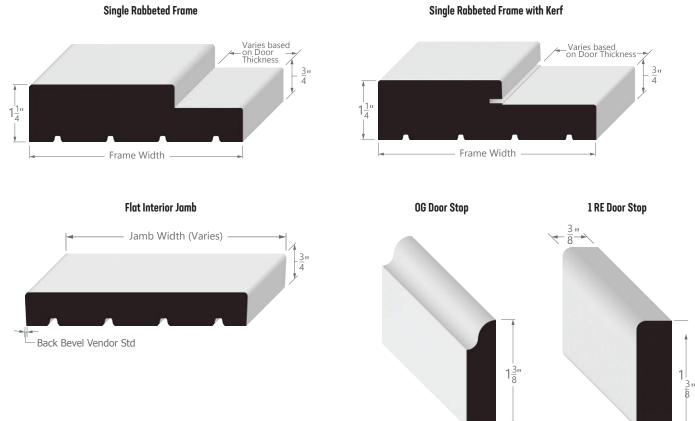




# Wood Frames and Jambs

We offer primed poplar flat jambs with applied stop and single rabbeted frames all machined to your hardware specifications and shipped KD (knock down).





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# 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.

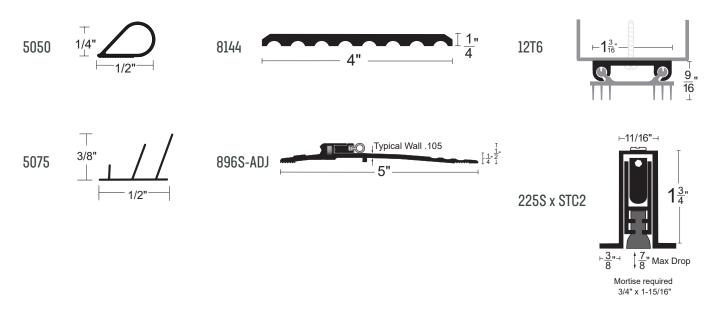
#### **STC Ratings**

			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	1-3/4"	5050 Twin Row	8144 (optional)	12T6
A100 - A200 Square Sticking (SS) Raised panel (R)	34				
A300 - A900 Square Sticking (SS) Flat panel (F)	33		-0r-	-10-	-0r-
A300 - A900 Square Sticking (SS) Raised panel (R)	35		5075	896S-ADJ	225S x STC2

NGP Primary Seals

NGP Threshold Saddle





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

We stock a wide variety of barn door track and hardware sets, along with pulls. We can ship them with your doors.

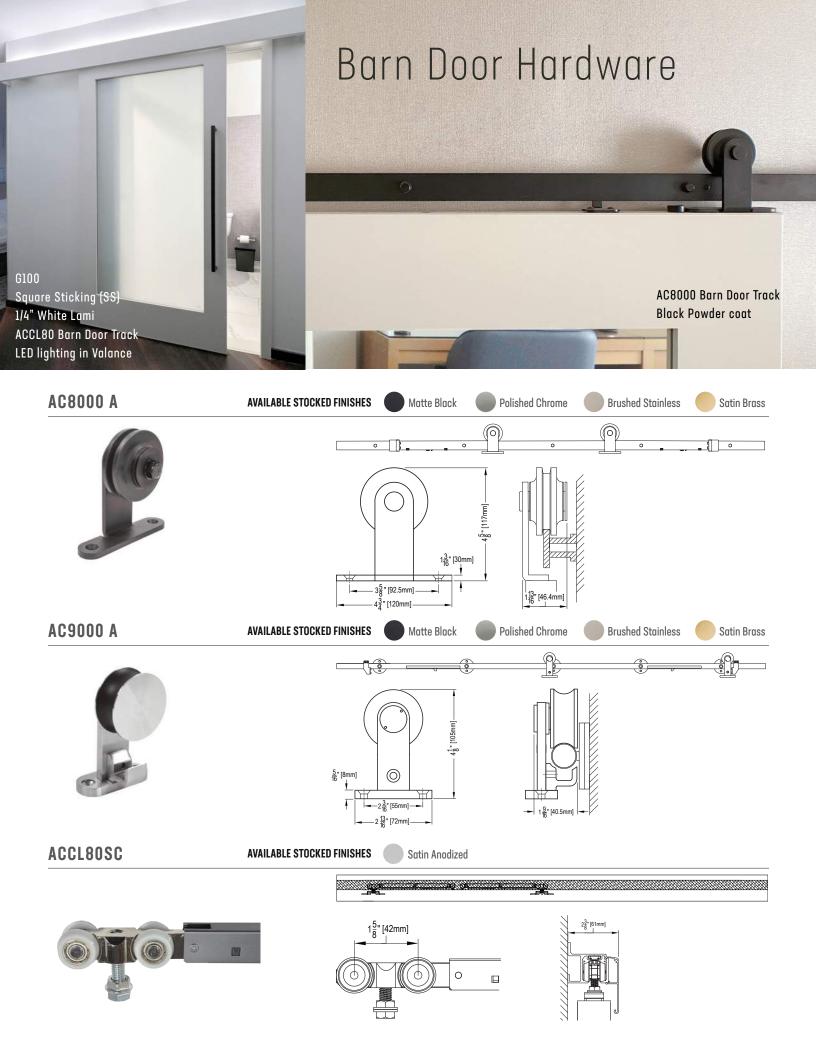


AC4251 Flush Pull Matte Black

AC Hinges come in Several Finishes Polished Chrome Satin Chrome Satin Nickel Dil Rubbed Bronze

AC .134 Ball Bearing Hinges in Stock 3-1/2" x 3-1/2" SQ Corner 4" x 4" SQ Corner 4-1/2" x 4-1/2" SQ Corner





### Pocket Doors and Frames

Available for 2x4 and 2x6 wall frame kits in standard sizes for single and double pocket doors.

The snap-click frame can be assembled in 15 minutes or less and the reinforced horizontal bars have an inverted swallowtail shaped profile for improved resistance to pressure and predrilled to make attaching drywall even easier.

G102 Roman Ogee 1/4" White Lami



Metal Track Holder



Vertical Reinforced Bars



Track Runners

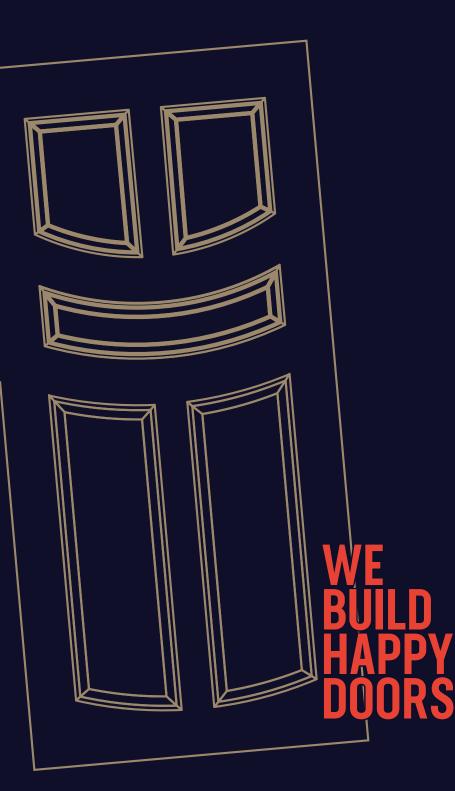




Extractable Track System

Horizontal Reinforced Bars Door Guide

Stocked at our Denver warehouse ready to ship with your doors





Architectural Concepts / Door Collection A North Atlantic Company

9400 40th Ave. <u>Denver, CO</u> 80238

(888) 248-2724

archconceptsllc.com



**MARCH 2025**