Flush Wood Door 2026

Professional & Reliable Architectural Wood Door Manufacturer

FOREST BRIGHT
ARCHITECTURAL WOOD DOOR

Index

ABOUT FOREST BRIGHT 01/02

OUR MISSION & OUR VALUE & OUR PRINCIPLE 03/04

FLUSH WOOD DOOR 05/28

Paint Grade Flush Door 07/08

Stain Grade Veneer Flush Door 09/10

HPDL Flush Door 11/12

Construction 13/14

Flush Door Core Options 15/16

Custom Door Options 17/18

Flush Door Design Options 19/20

Stain Color Options 21/22

Additional Product Information 23/24

Typical Wood Frame Design & Typical Metal Frame Design 25/26

Cooperated Hardware Supplier 27/28

ABOUT FOREST BRIGHT

Forest Bright Wood Industry Co., Ltd. is one of China's leading manufacturers of premium quality architectural wooden doors. Forest Bright offers a blended product portfolio that delivers interior door products to suit a wide range of specifications.

We widely cooperate with prestigious international hotels and real estate brands in the USA, Europe, and the Middle East. Meanwhile, we closely work with China leading commercial hardware manufacturers to develop a packaged solution of doors and hardware and provide a one-stop purchasing service for our clients.

Forest Bright persistently invests in the production line and quality management, from raw material procurement to packaging, all strictly sticking to international standards.

- All our wood doors meet or exceed WDMA or AWI architectural flush wood door and stile & rail wood door standards.

- Our fire-rated wooden door passed 20 minutes, 45 minutes,60 minutes, and 90 minutes positive pressure test, meet USA NFPA 252 (2012); UBC 7-2; UL 10C standard.

Sustainable development is our operation purpose. What we love is the beauty of wood; we also treasure our environment. Our cores, stiles, rails, crossbands, laminates, and veneers are available in FSC ® certified options. We used water-based paint and no-added-urea-formaldehyde adhesives in keeping with our policy of protecting the environment.

Broad market prospects have resulted from the rapid development of the China building industry and China's enhanced international trade relations. We are optimistic about our ability to win more and more domestic and international cooperation in the future.

OUR MISSION

- To create truly high-quality wooden doors with unique aesthetics and technical value for a beautiful and comfortable architectural space.
- Through unique corporate activities, we strive to create value for our customers and contribute to the happiness of our staff.

OUR VISION

- To become one of the world's leading manufacturers of architectural wooden doors, relentlessly striving to build the Forest Bright brand into a century-old legacy.

OUR VALUE

- Focus on creating value for our customers.
- Driven by innovation and challenge.
- Respect and support employees' personal growth, fostering both corporate and individual development.
- Persist in honesty and integrity.
- Adhere to green and sustainable development.

OUR PRINCIPLE

- Pursue excellence and aim for the highest standards in everything we do.
- Leverage diversity and achieve greater results through teamwork.
- Be efficient, act swiftly and decisively in all matters.
- Be practical and realistic, communicate honestly.
- Drive digital transformation and adhere to technology leadership

FLUSH
WOOD DOOR

Nowadays, a ‘modern’ functional look is becoming fashionable, purpose-made flush doors are widely accepted and available. Because of the affordability, versatile and contemporary appearance, we take it as the important one of our product series.

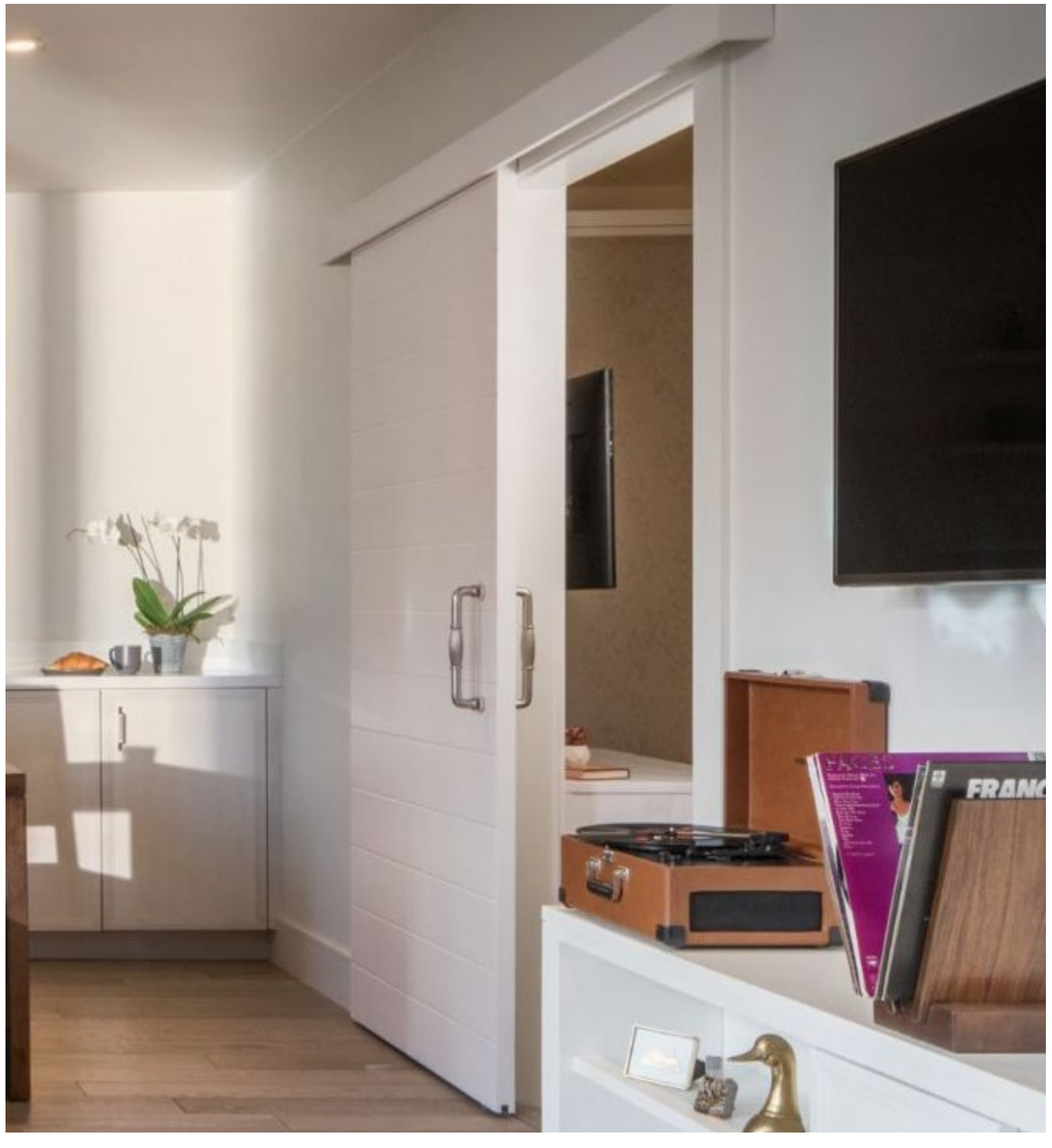
Various veneer options and decoration choices such as V-groove carving and metal strip inlay give flush door more design availability to match all architectural design concepts.

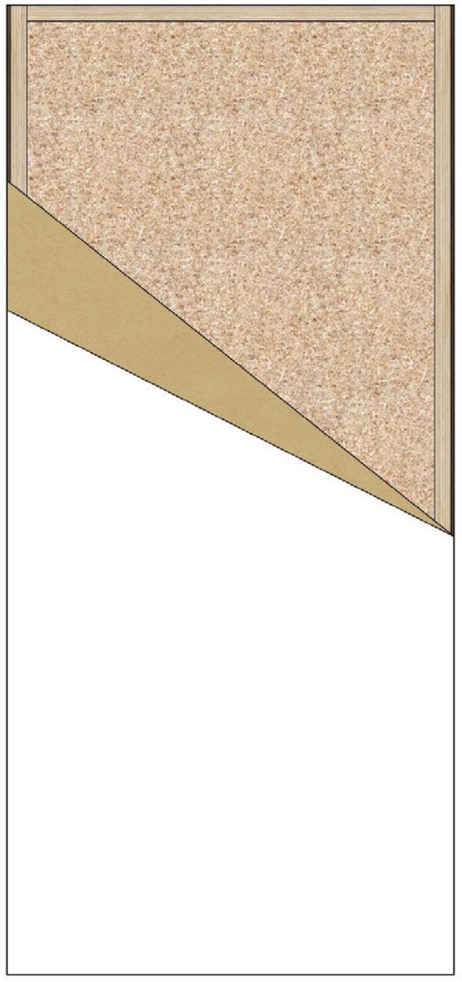
- *Paint Grade Flush Door*
- *Stain Grade Veneer Flush Door*
- *HPDL Flush Door*

PAINT GRADE FLUSH DOOR

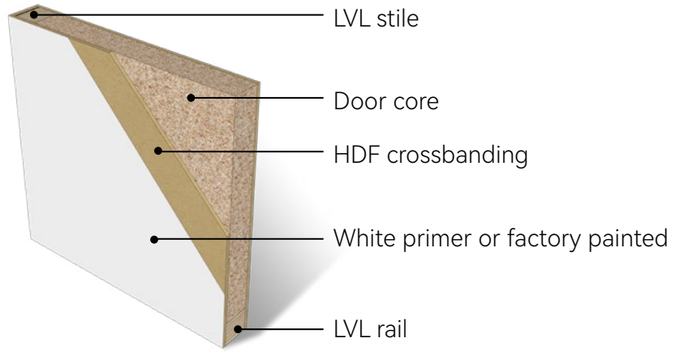
Forest Bright paint-grade flush doors are upgraded to a commercial quality standard with affordability and versatility.

Take high-density fiberboard as the substrate to ensure the best paint surface effect and provide various familiar design options with deep relief or simple, pleasant lines. Paints are professionally factory applied to ensure the highest quality color, sheen, tint, and tone.





- 3-ply construction, bonded core
- Custom carving design or metal strips inlay available for modern stylish appearance
- Particleboard core, agrifiber core, are sound core and mineral core options available
- Primer or catalyzed polyurethane finish to meet WDMA OP-6
- Factory-machined to meet exact requirements for door hardware
- Meets UL 10C positive-pressure fire ratings: 20-, 45-, 60- and 90-minute
- Sound core up to STC 42



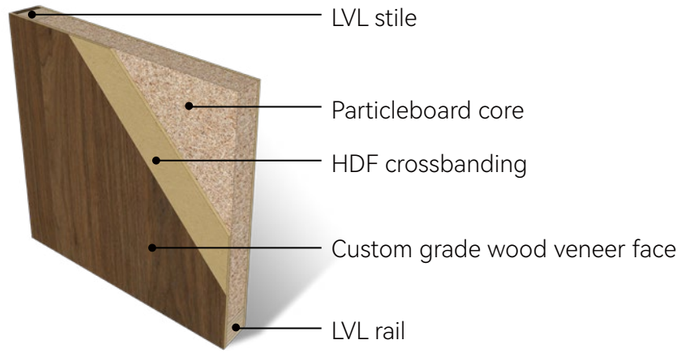
* None rated or 20min rated

STAIN GRADE VENEER FLUSH DOOR

Forest Bright wood veneer doors provide a stylish wood appearance. Our hardwood edge lipping design provides impressive durability and seamless beauty to a modern veneer flush door.

Wide selection of natural veneers and reconstituted veneer matching options make every door unique and perfect for your project.

- 5-ply construction, bonded core
- Wide variety of domestic and exotic species, cuts, matches and grades to meet any need.
- Veneer edge matching door face as standard, hardwood edge available upon request
- Particleboard core, agrifiber core, mineral core and sound core options available
- WDMA - A grade or AA grade veneer
- Catalyzed polyurethane factory finish to meet WDMA TR-6
- Factory-machined to meet exact requirements for door hardware
- Sound core up to STC 42
- Meets UL 10C positive-pressure fire ratings: 20-, 45-, 60- and 90-minute

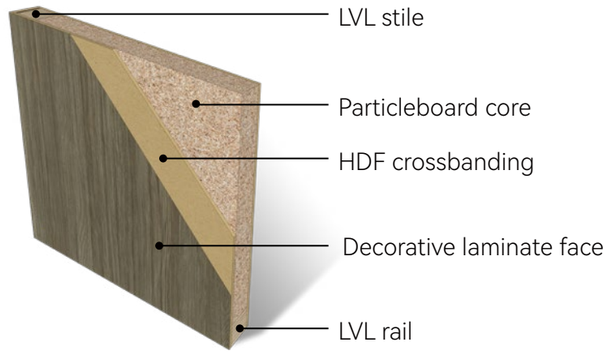


* None rated or 20min rated

HPDL FLUSH DOOR

If you are looking for BEAUTY, DURABILITY, AND VALUE, High-Pressure Decorative Laminate (HPDL) doors are the one. Forest Bright innovates adjustable jambs and casings with super flexible HPDL wrapping, which is compatible with door design in colors and styles.

- Consistent appearance from opening to opening
- 5-ply construction, bonded core
- PVC edgebanding matching HPDL door face
- Particleboard core, agrifiber core, mineral core and sound core options available
- HPDL from Wilsonart, Formica etc are available
- Jambs and casings wrapping with same color HPDL design is available
- Factory-machined to meet exact requirements for door hardware
- Meets UL 10C positive-pressure fire ratings: 20-, 45-, 60- and 90-minute
- Sound core up to STC 42



* None rated or 20min rated

CONSTRUCTION

EXCELLENCE IN CONSTRUCTION

Forest Bright takes craftsmanship and quality as the top priority. We constantly evaluate our process, which incorporates state-of-the-art automated technology with handcrafted techniques to create manufacturing efficiency and consistency. This practice allows us to deliver architectural wood doors of the highest quality standards to your project on time and with your exact specifications.

BONDED CORE

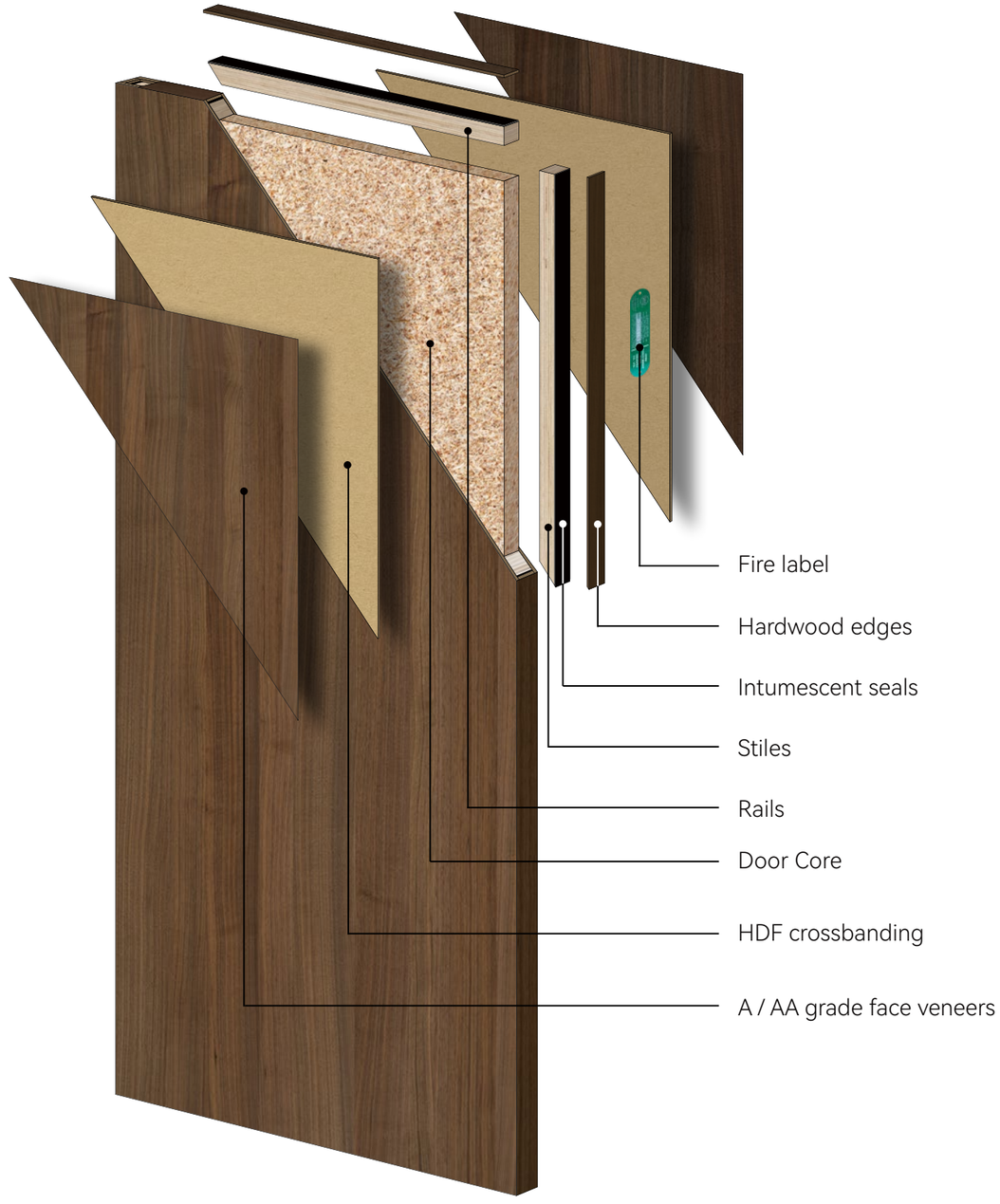
- Stiles and rails bonded to the core for a uniform bond between all components.
- Meets WDMA/AWS custom and premium grade quality standards

CORE MATERIALS

- Particleboard core
- Agrifiber core
- LSB core
- Sound core
- Mineral core

ADDED VALUE

- Factory machining of hardware assures quick, correct installation
- Wood jambs and factory glazing available
- On-time, reliable delivery
- Consistent factory finish.



20Min fire label

60Min fire label

45Min fire label

90Min fire label

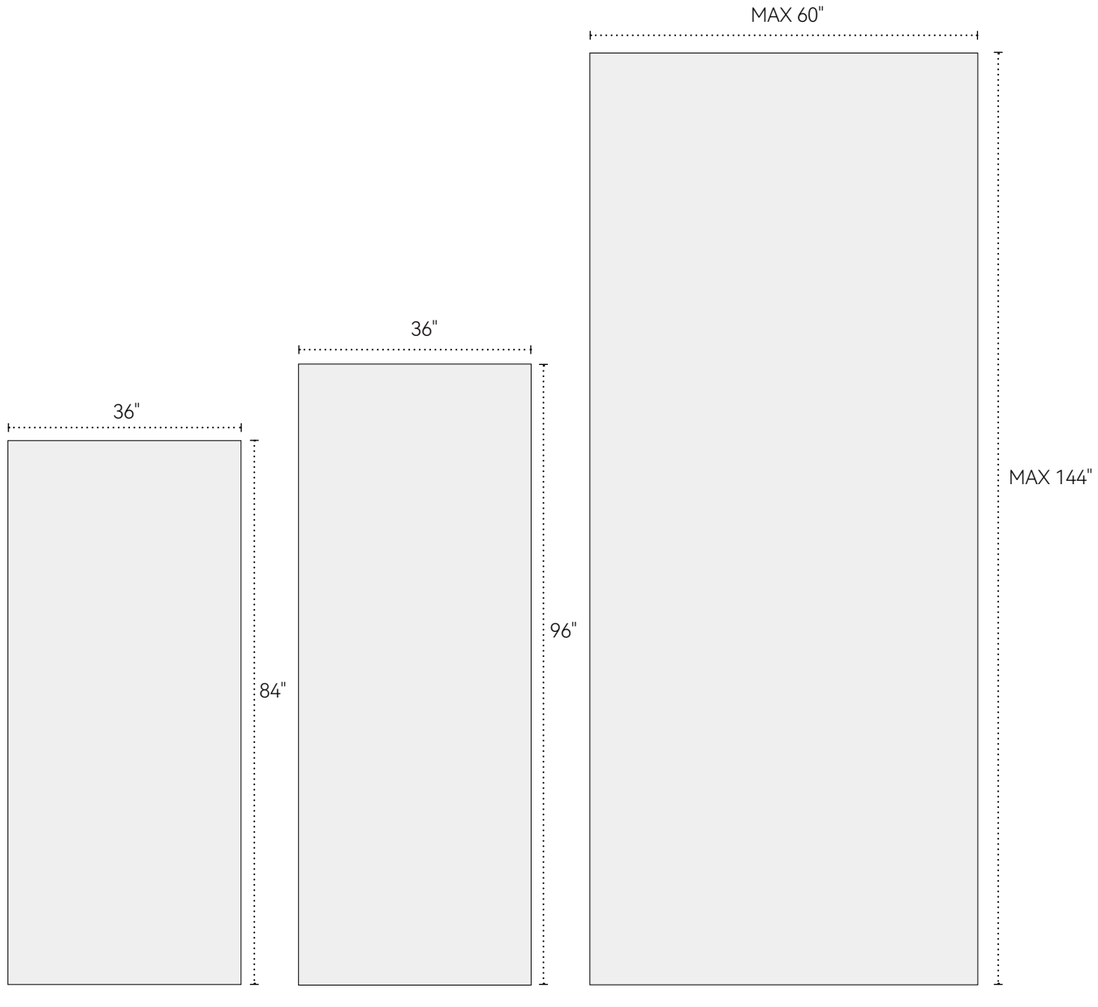
FLUSH DOOR CORE OPTIONS					
DOOR CONSTRUCTION	Particleboard Core	LSB Core	Multi-layer Composite Core	Composite Sound Core	Mineral Core
THICKNESS	1-3/4"	1-3/4"	1-3/4"	1-3/4" and 2-1/4"	1-3/4"
MAX SIZES	Single:4'x9' Double: 8'x9'	Single: 4'x9' Double: 8'x9'	Single: 4'x8' Double: not allowed	Single: 4'x8' Double: not allowed	Single:4'x8' Double: 8'x8'
CORE	Particleboard	LSB	Particleboard with mineral layer enhancement	Composite sound core, multi-ply construction	Incombustible mineral core with mineral layer enhancement
POSITIVE PRESSURE FIRE RATINGS	ITS-WH 20-Minute Fire Door	ITS-WH 20-Minute Fire Door	ITS-WH 45-, 60-Minute Fire Door	ITS-WH 20-, 45-Minute Fire Door	ITS-WH 45-, 60-, 90-Minute Fire Door
ACOUSTICAL RATINGS	STC 30-32	STC 30-32	STC 36	STC 42-45	STC 35
RAILS	1-3/8" LVL, top and bottom	1-3/8" LVL, top and bottom	1-3/8" LVL, top and bottom	1-3/8" LVL, top and bottom	2-1/8" mineral composite, top and bottom rails
STILES	1-3/8" LVL	1-3/8" LVL	1-3/8" LVL	1-3/8" LVL	2-1/8" mineral composite stiles
5-PLY WOOD VENEER DOORS					
FACES	WDMA A grade or AA grade veneer, cut & species of choice, or mill option primer or painted surface	WDMA A grade or AA grade veneer, cut & species of choice, or mill option primer or painted surface	WDMA A grade or AA grade veneer, cut & species of choice, or mill option primer or painted surface	WDMA A grade or AA grade veneer, cut & species of choice, or mill option primer or painted surface	WDMA A grade or AA grade veneer, cut & species of choice, or mill option primer or painted surface
CROSSBANDS	High Density Fiberboard (HDF)	High Density Fiberboard (HDF)	High Density Fiberboard (HDF)	High Density Fiberboard (HDF)	High Density Fiberboard (HDF)
EDGES	Matching veneer edgebanding or matching hardwood edge	Matching veneer edgebanding or matching hardwood edge	Matching veneer edgebanding or matching hardwood edge	Matching veneer edgebanding or matching hardwood edge	Matching veneer edgebanding or matching hardwood edge
HPDL DOORS					
FLUSH FACES	0.7-1.2mm HPDL	0.7-1.2mm HPDL	0.7-1.2mm HPDL	0.7-1.2mm HPDL	0.7-1.2mm HPDL
CROSSBANDS	HDF	HDF	HDF	HDF	HDF
EDGES	Customized PVC edgebands matching face HPDL	Customized PVC edgebands matching face HPDL	Customized PVC edgebands matching face HPDL	Customized PVC edgebands matching face HPDL	Customized PVC edgebands matching face HPDL

CUSTOM DOOR OPTIONS

Any custom design you propose, leave it to us. Our craftsmen are experts in handcrafting unique custom doors of the highest quality. From oversized doors to unique veneers to highly detailed inlays, Forest Bright can provide wooden doors that suit your heart's desire.

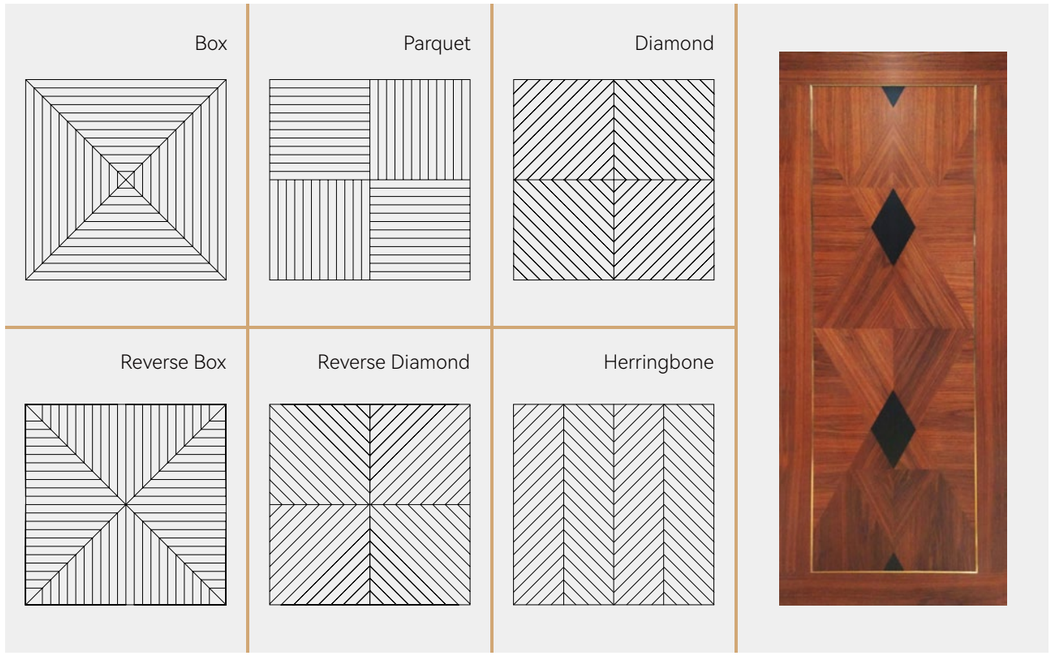
OVERSIZED DOOR

Sometimes, great ideas call for bigger doors. We can provide your projects with handcrafted doors that meet your exact needs, from thick doors to wide doors. Forest Bright can produce high-quality custom doors up to 5 feet wide or 12 feet high with a thickness up to 4 inches. Larger sizes can be made in pieces for field assembly.



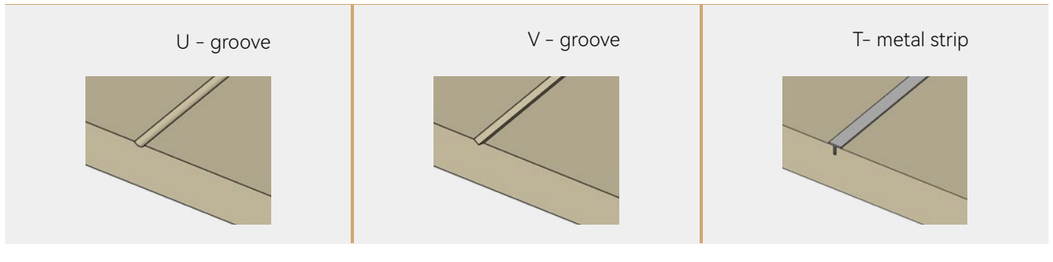
VENEER SKETCH FACES OPTIONS

A sketch face is a single-ply veneer, cut and designed in patterns of varying intricacy to meet specifications of mechanical assembly in the grain or character appearances of veneer used for each segment.

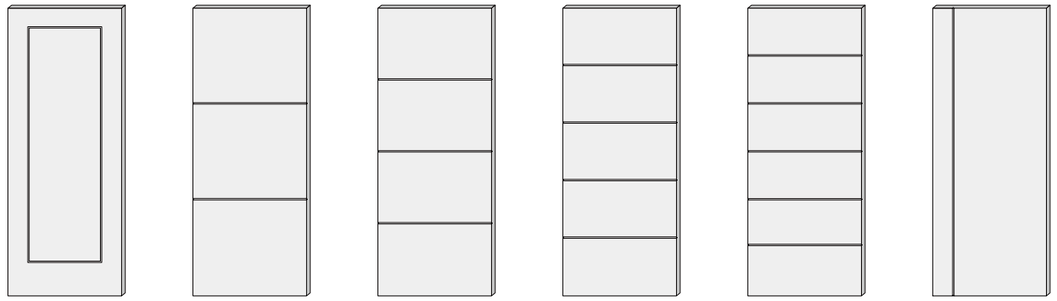


CARVING / INLAY OPTIONS

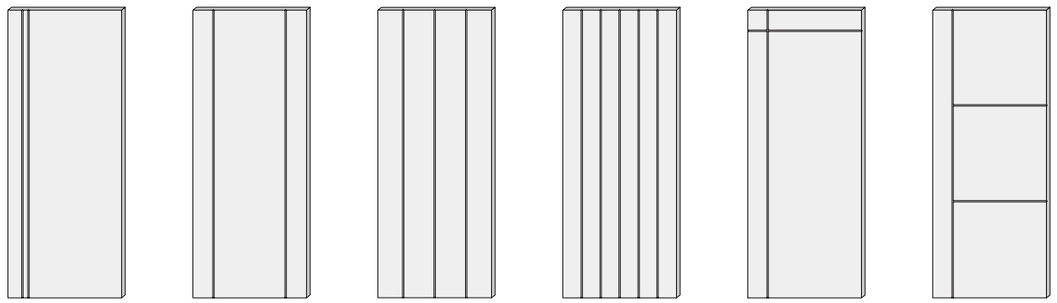
Customized metal/wood trims inlay, profile carving, sometimes change a boring flush door design to a unique and beautiful one. Work with Forest Bright to get your unique design.



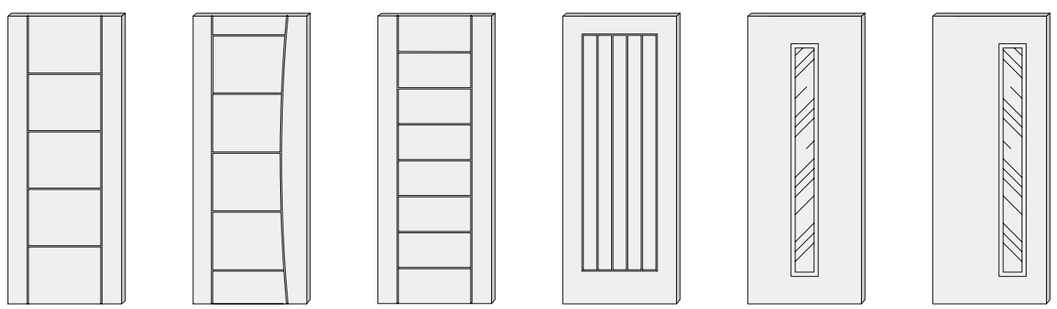
FLUSH DOOR DESIGN OPTIONS



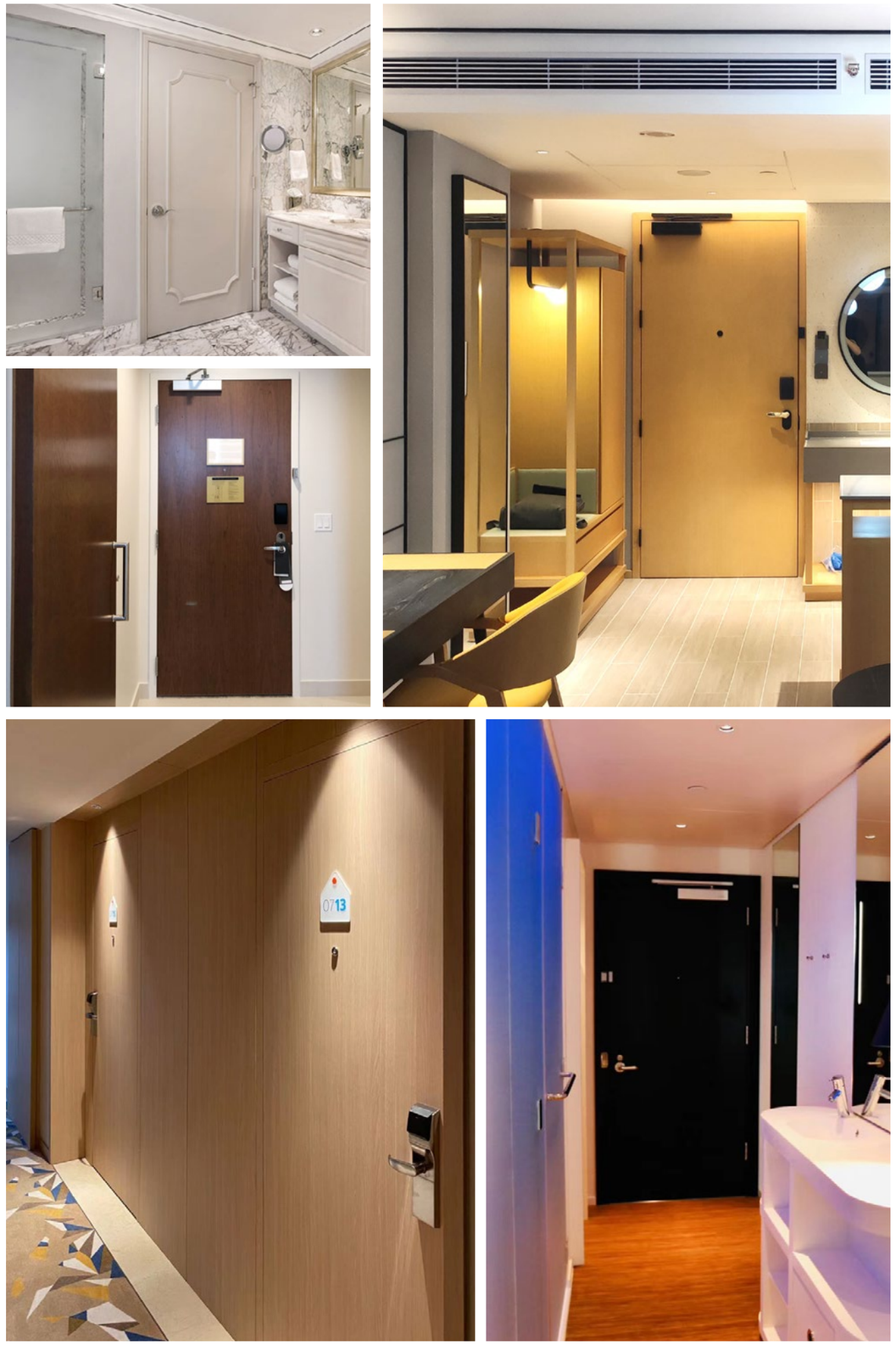
01 02 03 04 05 06



07 08 09 10 11 12



13 14 15 16 17 18



STAIN COLOR OPTIONS

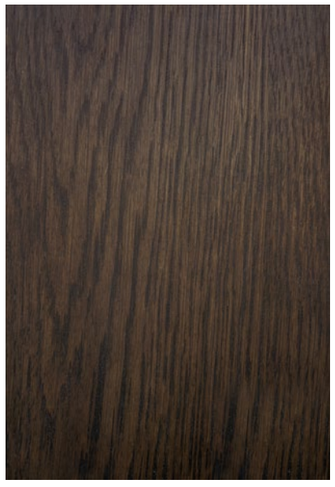
Ice oak

Light ice oak

Clay gray oak

Teak oak

Black oak



Dark wenge oak

Light clay gray oak

Natural oak

Walnut oak

Natural Black Walnut

* Forest Bright offers customized paint or stained color options, and don't hesitate to contact our sales representatives for more information.

ADDITIONAL PRODUCT INFORMATION

Door Machining Options

Forest Bright will machine your door for any architectural builder's hardware requirement. We use advanced machinery and programming to deliver doors that are ready to accept the hardware your application requires. Contact your Forest Bright representative to obtain more detailed information about our machining capabilities.

Prehung

Like our doors, Forest Bright prehung units are built using premium construction techniques, high-quality craftsmanship, and complete flexibility. We build our prehung units to order and can supply jambs in any width for any size door. Our automated, precise machinery ensures every prehung unit is high quality and machined precisely to your specifications

Prehung Unit

Field Finishing Requirements

All of Forest Bright doors require some field preparation before finishing. MDF doors are factory shipped with a primer that is not a sealant. This primer must be scuff-sanded, and nail holes should be filled before painting. Unfinished wood doors must be prepped and sealed in the field by a professional finisher. All six door sides must be sealed, including the top and bottom.

Door Storage

All Forest Bright doors must be stored on a flat surface in a dry, ventilated area before installation.Doors should not be leaned against walls, and center supports must be used when they are stored horizontally on pallets.

Warranty

All Forest Bright wood doors are manufactured to the highest quality and craftsmanship standard and are backed by limited three-year warranties against workmanship and materials defects. Our detailed warranties can be accessed in the resource section of our website at www.forestbright.com.

Premium Knock-Down Jambs

For non-rated openings requiring wood jambs, Forest Bright offers a turnkey knock-down jamb in paint-grade plywood or any stain-grade wood species. Our KD jambs come pre-machined to match each door in your order and are packaged and labeled to make job site organization and installation quick and easy.

TYPICAL WOOD FRAME DESIGN

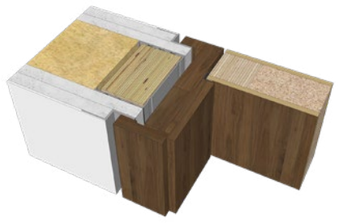
Drywall double rabbet jamb with 2 sides adjustable casings

Drywall single rabbet jamb with 1 side adjustable casing

Drywall outside flush jamb with in-swing door

Hidden door with wall panel

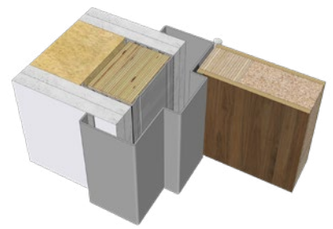
Concrete wall with shadow gap feature + Single rabbet jamb with 1 side adjustable casing



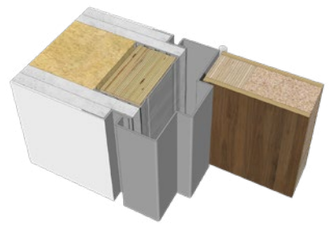
Drywall wall with shadow gap feature + Single rabbet jamb with 1 side adjustable casing

Drywall with shadow gap feature + Double rabbet jamb

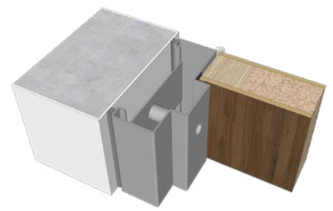
TYPICAL METAL FRAME DESIGN



Drywall
Hollow metal frame KD or welded



Drywall with shadow gap feature +
Hollow metal frame KD or welded



CMU wall
Hollow metal frame with dimpled anchor

COOPERATED HARDWARE SUPPLIER

ASSA ABLOY | dormakaba | OTLAV

OLIVARI | SIMONSWERK | ECO

HÄFELE | SUGATSUNE

FOREST BRIGHT
ARCHITECTURAL WOOD DOOR

FOREST BRIGHT WOOD INDUSTRY CO., LTD.

Contact us:
Tel: +86-0311-89899996
info@forestbright.com
www.forestbright.com

F5 Changjiu Center, No. 312 Huai'an East Road.,
Shijiazhuang, Hebei China