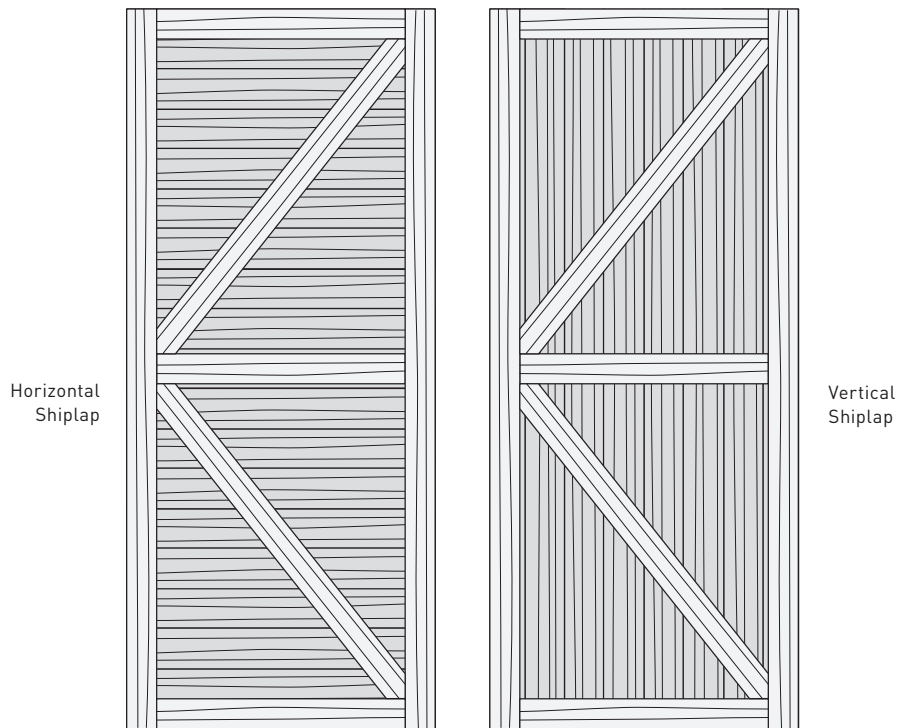


DIY Project Plan Interior Barn Door

With UFP-Edge™ rustic shiplap and trim boards which feature the natural texture of rustic wood, you can easily build an interior barn door with either a horizontal or vertical shiplap pattern and add stylish country character to an indoor space.



Materials for Horizontal Shiplap

- Four 1" x 4" x 8' rustic trim boards
- Ten 1" x 6" x 6' rustic shiplap boards
- Six 3" x 6" 20-gauge mending plates
- One box of 1-1/4" 4D brads or nails
- One pint of interior touchup stain: Sherwin Williams SW7073 Network Gray

Materials for Vertical Shiplap

- Four 1" x 4" x 8' rustic trim boards
- Eight 1" x 6" x 8' rustic shiplap boards
- Six 3" x 6" 20-gauge mending plates
- One box of 1-1/4" 4D brads or nails
- One pint of interior touchup stain: Sherwin Williams SW7073 Network Gray

Tools

- Tape measure and pencil
- Carpenter's square
- Circular or table saw
- Jigsaw
- Hammer
- Fine grit sandpaper
- 1" angled trim stain brush

Difficulty Rating



This document is for illustration purposes only. Use of this product must be in accordance with all local zoning and/or building codes. Consumer assumes all risks and liability associated with the use of this product. Warrantor does not provide any warranty, either express or implied, and shall not be liable for any damages, including consequential damages.

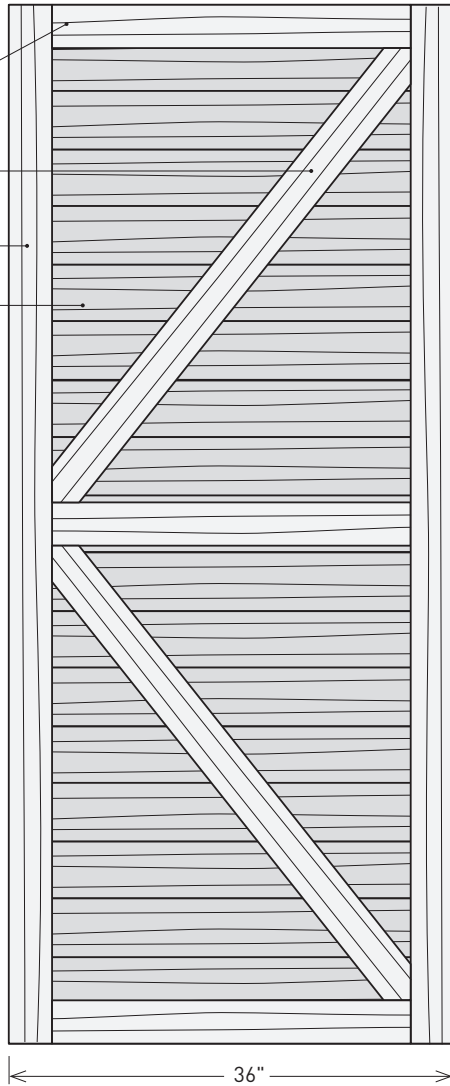
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UFPEdge.com/Rustic

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Barn door with horizontal shiplap pattern

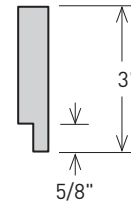
Front Elevation

- A** Horizontal Frame Trim (x3)
- B** Diagonal Frame Brace (x2)
- C** Vertical Frame Trim (x2)
- D** Shiplap (x18)



Side Elevation

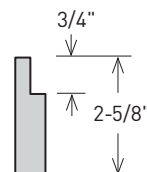
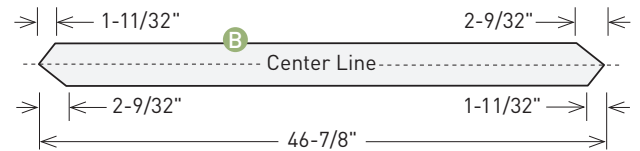
- E** Top Shiplap (x1)



- A B C** Frame

- D** Shiplap

Diagonal Frame Brace Angle Cuts



- F** Bottom Shiplap (x1)

36" 84" 1-1/2"

Cut Lumber to Size

Caution: Always wear gloves, a dust mask and eye protection when sawing, sanding or machining wood.

Using a circular or table saw with a trim blade on a clean, flat, level surface, cut the UFPI-Edge™ wood for the components of the interior barn door as follows:

From two 1" x 4" x 8' trim boards:

- A** (3) Horizontal Frame Trim at 1" x 4" x 29"
- B** (2) Diagonal Frame Brace at 1" x 4" x 46-7/8"

Tip Ensure frame is tight prior to measuring and cutting diagonal trim board lengths.

From two 1" x 4" x 8' trim boards:

- C** (2) Vertical Frame Trim at 1" x 4" x 84"

From ten 1" x 6" x 6' shiplap boards:

- D** (18) Shiplap at 1" x 6" x 36"
(save (2) boards for top and bottom shiplap)

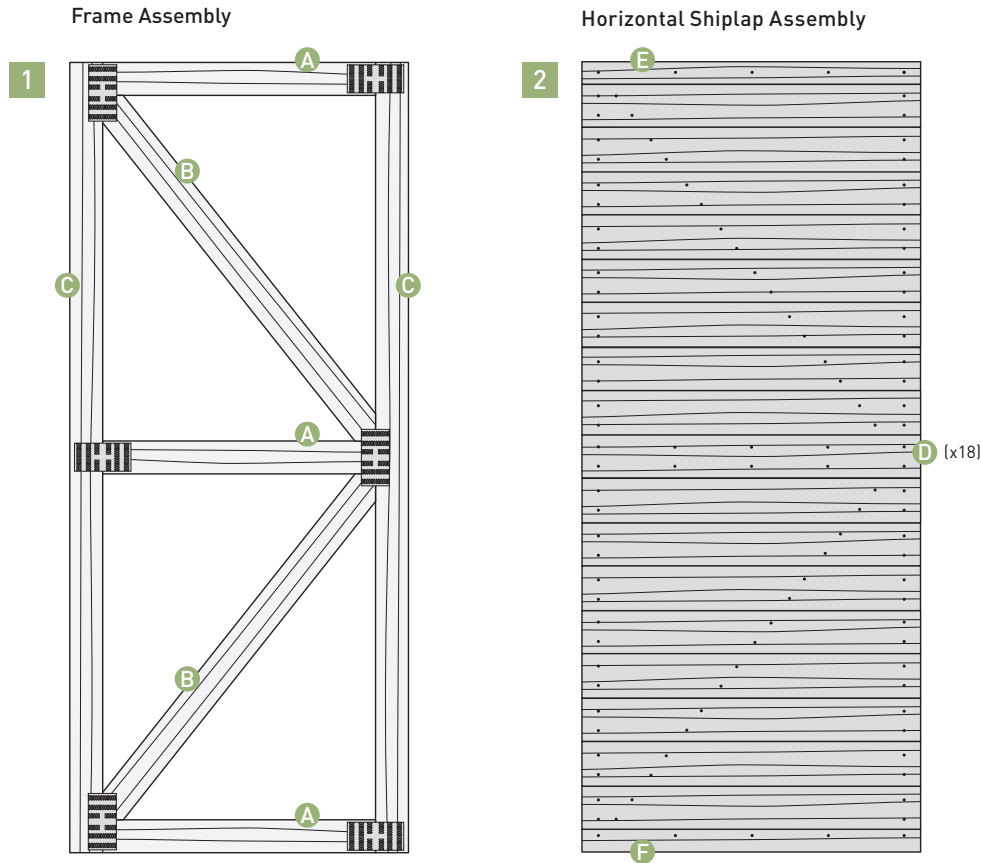
From two 1" x 6" x 36" shiplap boards

- E** (1) Top shiplap at 1" x 3" x 36" with 5/8" lip
- F** (1) Bottom shiplap at 1" x 2-5/8" x 36" with 3/4" lip

Cut Diagonal Frame Brace Angles

- Refer to top and bottom diagonal frame brace illustration above. Measure and mark the center end of each board.
- From each center point, measure, mark and cut the appropriate angles.

Barn door with horizontal shiplap pattern



General Assembly Advice

- Establish a fastening pattern to enhance the overall look and feel of the final assembled product.
- Apply wood glue to joining-material surfaces before attaching the pieces together with mending plates and nails.

1 Build Frame

Tip Turn the cut frame components upside down and fasten together from its backside in order to conceal the fasteners from the frame's face.

- With the frame components upside down and in position, use a carpenter's square to ensure it is square.
- Align the 3" x 6" mending plates to the trim board joints as shown in the above top left image.
- Hammer the plates to embed prongs.

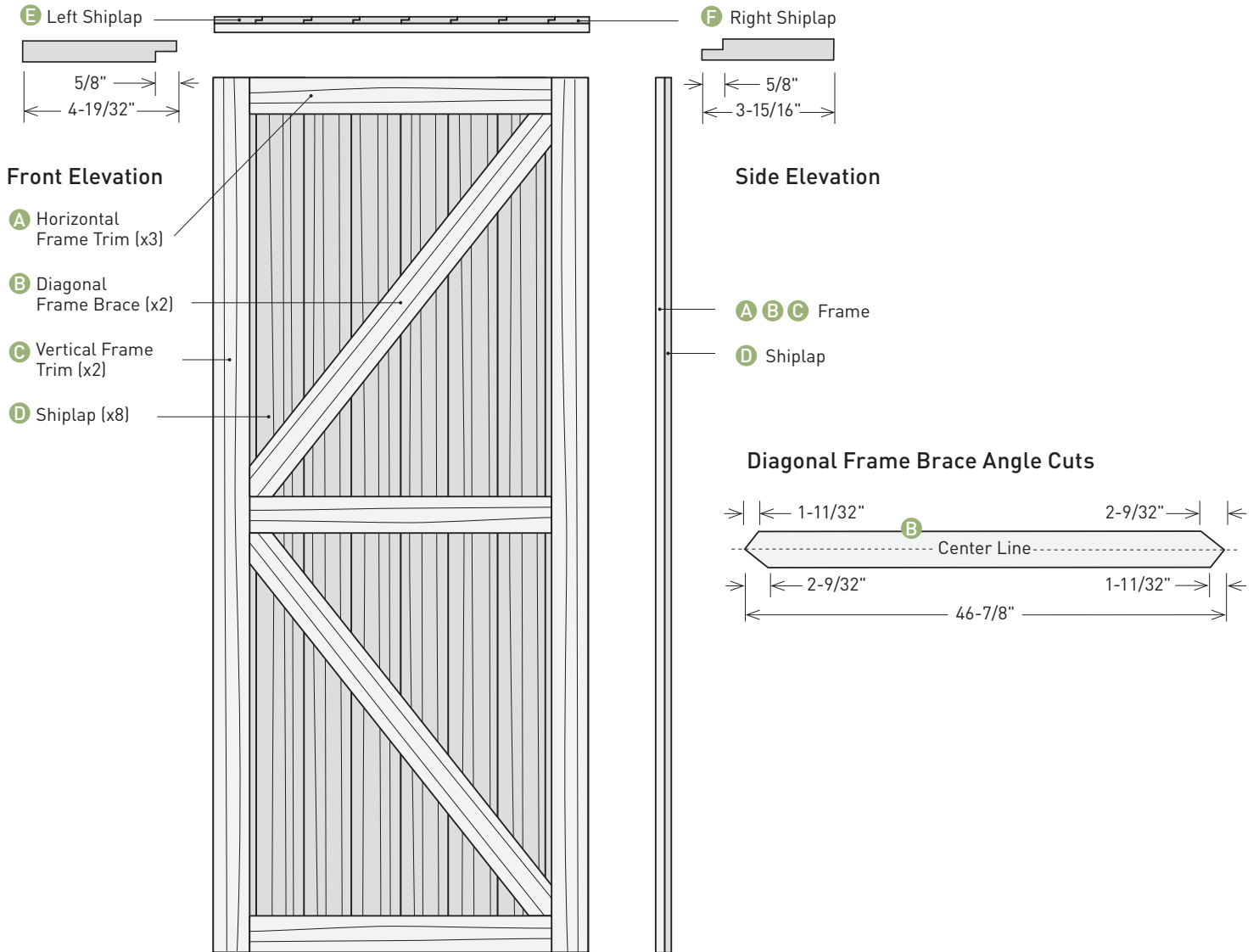
2 Attach Shiplap

- While the frame is upside down, loosely assemble the shiplap pieces to insure the components are square and flush with the perimeter of the frame.
- Start with the bottom piece of shiplap and make sure its 3/4" lip is facing the frame and its bottom edge is flush with the bottom edge of the frame.
- Attach it to the frame using 1-1/4" 4D brads or nails, but do not nail through the shiplap lip.
- Working upwards, join shiplap boards with 3/4" lips to 3/4" lips and 5/8" lips to 5/8" lips for a gapless fit.

3 Finish Interior Barn Door

- Use fine-grit sandpaper and lightly sand the exposed cut edges of trim boards and shiplap.
- Stain the exposed areas with a 1 angle trim stain brush and the special formulated stain.

Barn door with vertical shiplap pattern



Cut Lumber to Size

Caution: Always wear gloves, a dust mask and eye protection when sawing, sanding or machining wood.

Using a circular or table saw with a trim blade on a clean, flat, level surface, cut the UFPI-Edge™ wood for the components of the interior barn door as follows:

From two 1" x 4" x 8' trim boards:

- A** (3) Horizontal Frame Trim at 1" x 4" x 29"
- B** (2) Diagonal Frame Brace at 1" x 4" x 46-7/8"

Tip Ensure frame is tight prior to measuring and cutting diagonal trim board lengths.

From two 1" x 4" x 8' trim boards:

- C** (2) Vertical Frame Trim at 1" x 4" x 84"

From eight 1" x 6" x 8' shiplap boards:

- D** (8) Shiplap at 1" x 6" x 84"
(save (2) boards for left and right shiplap)

From two 1" x 6" x 8' shiplap boards:

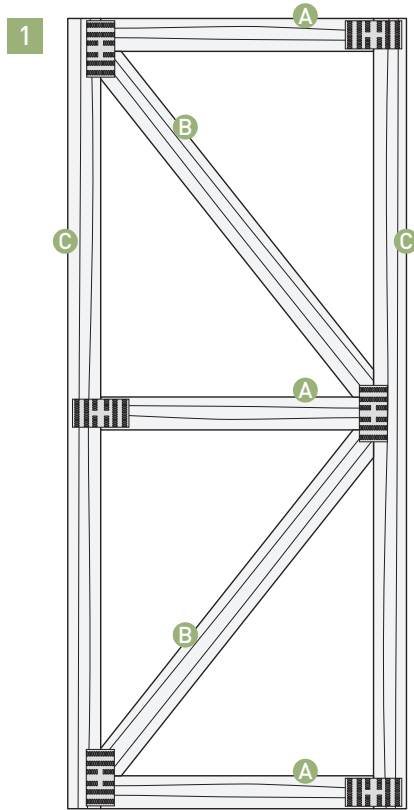
- E** (1) Shiplap at 1" x 3-15/16" x 84" with 5/8" lip
- F** (1) Shiplap at 1" x 4-19/32" x 84" with 5/8" lip

Cut Diagonal Frame Brace Angles

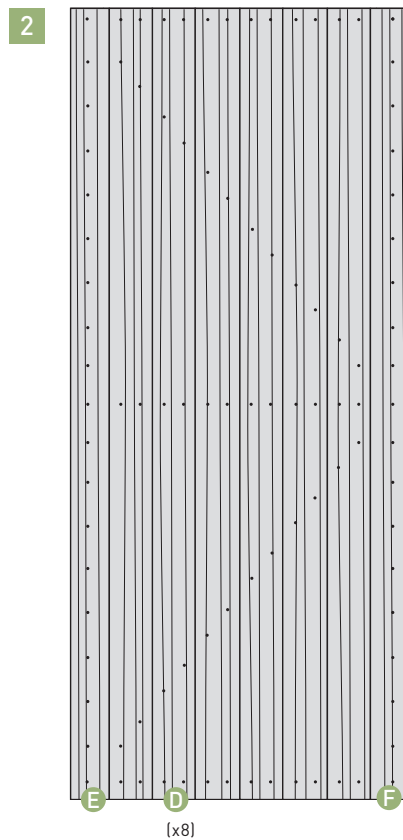
- Refer to top and bottom diagonal frame brace illustrations above. Measure and mark the center end of each board.
- From each center point, measure, mark and cut the appropriate angles.

Barn door with vertical shiplap pattern

Frame Assembly



Horizontal Shiplap Assembly



General Assembly Advice

- Establish a fastening pattern to enhance the overall look and feel of the final assembled product.
- Apply wood glue to joining-material surfaces before attaching the pieces together with mending plates and nails.

1 Build Frame

Tip Turn the cut frame components upside down and fasten together from its backside in order to conceal the fasteners from the frame's face.

- With the frame components upside down and in position, use a carpenter's square to ensure it is square.
- Align the 3" x 6" mending plates to the trim board joints as shown in the above top left image.
- Hammer the plates to embed prongs.

2 Attach Shiplap

- While the frame is upside down, loosely assemble the shiplap pieces to insure the components are square and flush with the perimeter of the frame.
- Start with the left side piece of shiplap and make sure its 5/8" lip is facing the frame and its outside edges are flush with the outside edges of the frame.
- Attach it to the frame using 1-1/4" 4D brads or nails, but do not nail through the shiplap lip.
- Working left-to-right, join shiplap boards with 5/8" lips to 5/8" lips and 3/4" lips to 3/4" lips for a gapless fit.

3 Finish Interior Barn Door

- Use fine-grit sandpaper and lightly sand the exposed cut edges of trim boards and shiplap.
- Stain the exposed areas with a 1" angle trim stain brush and the special formulated stain.