

# **OSHKOSH**

*Door Company*

## **Wood Jamb Product Information**

**2008**

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**2501 Universal Street Oshkosh,  
WI  
54904**

- Non-Rated Wood Jambs
- 20, 45, 60 & 90 Minute Rated Wood Jambs
- Non-Rated Borrowed Lights
- Non-Rated Transoms
- Standard & Custom Profiles
- Premachining
- Prefinishing
- Detailed Prompt Quote Service
- Job Site Delivery & Direct Ship Options
- Special Packaging Options Available
- Custom Labeling Options
- Sales Assistance
- Product Sample Boards Provided

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Standard Available Wood Species

Red Oak  
White Hard Maple  
Paint Grade  
Paint Grade Hard Maple  
Cherry  
White Oak  
African Mahogany  
Natural Birch

Non-Standard Available Wood Species

\* May Require Longer Lead times

Beech\*  
White Ash\*  
Walnut\*  
Northern Pine\*  
Alder\*  
Hickory\*  
Clear Hemlock\*  
Doug Fir\* 4/4 only  
Sapele\*  
Anigre\*  
Ebony (Wenge)\*

Other Species Available Upon Request

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20 Minute Wood Frames  
Installation Instructions  
Neutral Pressure UL 10B  
Positive Pressure UBC 7-2-1997  
20 Minute Wood Jamb Sets

Note: Failure to follow all or part of these instructions may void the label.

Maximum size: 8'-0" x 9'-0"

Installation Spacing: Neutral Pressure UL 10B

Maximum spacing between back of frame and buck stud is 1/4" (6mm). The gap can be increased to 1/2" (13mm) but must be tightly packed with fiberglass with no through openings. One shim required at each hinge and strike.

Installation Spacing: Positive Pressure Category "A" & "B"

Maximum spacing between back of frame and buck stud is 1/4" (6mm). This gap must be tightly packed with fiberglass with no through openings. One shim required at each hinge and strike. Follow door manufacturers' installation instructions for door installation.

Other Instructions for Both Neutral & Positive Pressure

Installation with T-Stop:

Jamb and head Installation – 2" x #12 FHWS 24" (600) on center at stop dado. One each 2" x #12 FHWS at each hinge. Two each 2 1/2" x #10 FHWS at each lock strike. T-Stop nailed with 4d finishing nails 12" (300mm) on center.

Installation with Integral Stop:

Identical to installation with "T-Stop" except head and jamb installation, 10d finishing nails 16" (406mm) on center in place of FHWS.

Installation with Casing:

Casing may have various profiles. Minimum dimensions are 1/2" thick x 1 1/2" (13 x 38mm) wide. Mahogany (33.4 PCF) or denser. Casing nailed to frame and buck with 5d finishing nails 12" (300mm) on center.

Hardware:

Hinges per NFPA 80, 1 each required for every 30" (760mm) of height. Balance of hardware a function of door approval (must be self-closing with positive latching device).

SEE OTHER SIDE FOR ADDITIONAL INFORMATION

9-29-2004

IS-12

## 20 Minute Frame

### Installation Instructions Neutral Pressure UL 10B Positive Pressure UBC 7-2-1997 20 Minute Wood Jamb Sets

- Notice: THIS FRAME MUST BE INSTALLED IN ACCORDANCE WITH THE INSTRUCTIONS ON THE BACK OF THIS SHEET. IF THE DOOR IS ALSO A SMOKE CONTROL DOOR SEE "S-LABEL" INFORMATION BELOW.
- Caution: DO NOT REMOVE THE FIRE LABEL. THE MAXIMUM CLEARANCE BETWEEN THE DOOR AND FRAME AND THE MEETING EDGE OF PAIRS IS 1/8 INCH.
- Frame: This frame must be installed with a Neutral Pressure door or a Category "A" or Category "B" Positive Pressure door. See Installation Instructions on back of this sheet.
- Screws: DO NOT USE SELF-TAPPING SCREWS.
- Hinges: Must meet the requirements of NFPA 80. YOU MUST DRILL A 5/32 PILOT HOLE FOR ALL HINGE SCREWS.
- Hardware: All other hardware must be fire rated and labeled or listed for compliance with either UL 10B for neutral pressure or UBC 7-2-1977 /UL 10C for positive pressure. PILOT HOLES MUST BE DRILLED FOR ALL SCREW ATTACHMENTS.
- S Label: The frame and door assembly qualifies as a smoke control door IF THE PROPER GASKETS ARE INSTALLED. By installing a single strip of any Category "H" Smoke and Draft Control Gasket in the frame per the gasket manufacturers installation instructions you can convert this assembly to a smoke control assembly as designated by the "S" on the door label. On pairs of doors you must also install an astragal such as Pemko S77 or National Guard 9115 at the meeting edge. The smoke and draft control gasket shall be labeled for compliance with UBC 7-2-1997.

SEE OTHER SIDE FOR ADDITIONAL INFORMATION

9-29-2004  
IS-12

## Non-Rated Wood Frame Installation Instructions

Note: Failure to follow all or part of these instructions may void the warranty.

Follow door manufacturers' installation instructions for door installation.

Assemble jamb legs to jamb header with 1 1/2" long #8 Wood screws.

Insert assembled unit into jamb opening making sure the unit is square and plumb in the opening. Most of the problems with a poorly performing door are not a problem with the door but rather a jamb that has not been properly installed. By making sure the jamb is square and plumb when installed can help to elevate future problems.

Jamb and head installation: 2" x #12 FHWS 24" (600mm) on center at stop dado. One each 2" x #12 FHWS at each hinge and two each 2 1/2" x #10 FHWS at lock strike. One shim required at each hinge and at strike.

Mount hinges to the jamb. It is recommended that pilot holes be drilled into the jamb prior to attaching the hinge screws.

Hang the door in the jamb and make sure door operates properly in the opening.

If jambs have surface applied stops or T-Stops now you can apply these with 4d finish nail 12" on center to the jamb aligning them to the surface of the door.

Casing installation: Minimum attachment of casing is 4d finishing nails 12" (300mm) on center into jamb and head and 5d finishing nails 12" (300mm) on center into wall.

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## Non-rated & 20 Minute Wood Jamb Sets

### Technical Information

Species Standard species for 20 minute rated frames are Red Oak, White Oak, Natural Birch, Cherry, African Mahogany, and Hard Maple.

On special order, any commercially available species with density equal to or greater than 33.4 lbs/cubic ft. Any species can be specified for non-rated frames.

Sizes Maximum for 20 minute label is 4'0" x 9'0" (1220 x 2740mm) for single doors and 8'0" x 9'0" (2440 x 2740mm) for regular swing pair doors. Non-label frames are available in larger sizes.

Wall thickness minimum 3 3/4" (95mm). Jambs may be made from edge-glued lumber when wall thickness exceeds width of available lumber.

Wall conditions Wood stud, steel stud, or masonry.

Profiles: Applied T-Stop (ploughed-in-stop) standard 3/4" thick. Single Rabbet and Double Rabbet 1 1/8" thick are optional. Profile type should be noted at the time of quote request.

Casing Standard or custom profile casing available with frames. Minimum size 1/2" x 1 1/2" (13 x 38mm), any species with density equal to or greater than Mahogany (33.4PCF). Casing may be supplied by others but must meet minimum size and density requirements. Non rated frames have no restrictions for the casing.

Hardware machining available with hinge and strike machining as well as other hardware preparation. Fire rated frames must be machined for hardware at the factory or by a licensed machiner before they can be labeled.

Finishing available in finishes to match the door manufacturers' standard or custom colors. Also available primed or sealed only. Paint finishes are not available.

Warranty for interior applications, life of original installation against manufacturers' defects. Exterior applications not recommended or warranted.

Label service 20 minute listed and labeled by Intertek Testing Services – Warnock Hersey. And UL (Positive Pressure) UBC 7-2-1997.

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Installation instructions Jamb and head installation: 2" x #12 FHWS 24" (600mm) on center at stop dado. One each 2" x #12 FHWS at each hinge and two each 2 1/2" x #10 FHWS at lock strike. Maximum spacing between back of frame and stud is 1/4" (6mm). Spacing can be increased to 1/2" (13mm) maximum if gap is packed with fiberglass with no through openings. One shim required at each hinge and at strike. Positive pressure may not exceed 1/4" (6mm) gap between frame and stud, and must be packed with fiberglass. T-Stop installation: Nailed with 4d finishing nails 12" (300mm) on center. Casing installation: Minimum attachment of casing is 4d finishing nails 12" (300mm) on center into jamb and head and 5d finishing nails 12" (300mm) on center into wall. Casing may have various profiles. Minimum dimensions 1/2" thick x 1 1/2" wide (13 x 38mm), Mahogany (33.4PCF) or denser species.

Hardware: Butt hinges per NFPA 80, 1 each for every 30" (760mm) of height. Balance of hardware a function of door approval (must be self closing with positive latching device on 20 minute rated).

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## Moulding Service Available with Wood Jamb Orders

We can provide wood mouldings in the profiles shown in this catalog. We can also provide custom profiles upon request. Please provide a drawing with the dimensions of the profile or send an actual sample for quoting and or ordering purposes. We need to know the following information to properly quote your project: size of the moulding profile, lineal footage required, note if specific lengths are required, unfinished, prefinished or primed. We will not provide premitered cut mouldings. Orders for mouldings are subject to a 10% overrun. The invoice will reflect the actual footage provided. No returns or cancellations.

Orders for mouldings should be placed at the same time as the wood jambs so freight and packaging issues can be addressed together.

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Mouldings are available in any of these species:

### Standard Available Wood Species

Red Oak  
White Hard Maple  
Paint Grade  
Paint Grade Hard Maple  
Cherry  
White Oak  
African Mahogany  
Natural Birch

### Non-Standard Available Wood Species

#### \* May Require Longer Lead times

Beech\*  
White Ash\*  
Walnut\*  
Northern Pine\*  
Alder\*  
Hickory\*  
Clear Hemlock\*  
Doug Fir\*  
Sapele\*  
Anigre\*  
Ebony (Wenge)\*

### Other Species Available Upon Request

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# Oshkosh Door Company SOS Order Program

<b>Lead time:</b>	<b>7 Day SOS</b>	<b>12 Day SOS</b>
<b>Wood Species:</b>	<b>Paint Grade Poplar, Paint Grade Maple, White Maple, Red Oak</b>	
<b>Jamb Profiles &amp; Size:</b>	<b>T-Stop Jamb up to 5 1/4" wall depth and 8-0 high.</b>	
<b>Fire Rating:</b>	<b>Non-Rated &amp; 20</b>	<b>Non-Rated &amp; 20</b>
<b>Casing Options:</b>	<b>ODC-208 3/4" x 2 1/2"</b>	<b>ODC-208 3/4" x 2 1/2"</b>
<b>Machining Options:</b>	<b>Hinges &amp; Strike</b>	<b>Hinges &amp; Strike</b>
<b>Prefinished Options:</b>	<b>None</b>	<b>Primed, Clear Coat or Oshkosh Standard Colors</b>

**All SOS orders are subject to factory approval. Please check availability with your inside sales representative**

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