

Solid Particleboard Core Door



Drawing A



Drawing B



Positive Pressure

Rev.2.15.03

Thickness	20 Minute: 1-3/4" Only	
Maximum Sizes	20 Minute Single: 4' x 9'	20 Minute Pair: 8' x 9'
Core	Mat formed 32 pound particleboard conforming to ANSI:A208.1 Grade #1-LD-2-1989.	
Edges	Stiles: Minimum width 1" unless otherwise specified. ⁽¹⁾ Edge banding available. Rails: Minimum width 2-1/4" unless otherwise specified. ⁽²⁾	
Edge Construction	Category A: Integral intumescent edge construction. (See drawing A) Category B: Frame mounted intumescent edge construction. (See drawing B)	
Lock Blocking	Available as specified.	
Faces	All commercially available veneers per AWI 1300, G11. 1/50" minimum veneer thickness, Medium density overlay (MDO), Hardboard ⁽³⁾	
Core Assembly Adhesive	Type I – Waterproof Bond	
Face Assembly Adhesive	Type II – Water Resistant Bond	
Core Bonding	Stiles and rails are securely bonded utilizing type I adhesive in conjunction with superior RF bonding technology. To ensure freedom from telegraphing of core components, the core unit is then sanded before face veneers are applied.	
STC Rating	1-3/4" only STC-31	ASTM E9 0-75
Warranty ⁽⁴⁾	Interior Use – Life of installation	Exterior Use – No Warranty
Standards	Meet or exceed – NWWDA I.S. 1-A-97 (WDMA) AWI Section 1300 PC-7 WIC Section 12 Architectural Wood Doors - Flush UBC7-2-1997 UL10C	
Lite Openings	Non-Rated and 20 Minute Rated available. Visible glass and maximum opening dimensions depend on glazing options. See Lite Opening Tech Data Sheet for further information.	
Factory Finish	AWI system TR-2 » Clear » Standard Sierra color selections » Custom color matching ⁽⁵⁾ » Primed for finish paint	
Factory Machining	» Pre-fitting » Templated hardware preparation » Lite cutouts » Louver cutouts	

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⁽¹⁾ Compatible hardwood edges as specified for use with stain grade face veneers. Compatible hardwood or softwood edges available for use with paint grade faces.

⁽²⁾ Laminated Strand Lumber (LSL) or softwood rails at factory option. Wider rails available.

⁽³⁾ Hardboard available in 3-ply construction only.

⁽⁴⁾ See complete Western Oregon Door Limited Door Warranty for details.

⁽⁵⁾ Set-up fee for custom matching applies. Approval of custom samples is required prior to finishing.

SLC-7

Stave Lumber Core Door



Positive Pressure

Rev.2.15.03

Thickness	20 Minute: 1-3/4" Only	
Maximum Sizes	20 Minute Single: 4' x 9'	20 Minute Pair: 8' x 9'
Core	Kiln-dried lumber. Not more than 2-1/2" wide, of one species.	
Edges	Stiles: Minimum width 1" unless otherwise specified. ⁽¹⁾ Edge banding available. Rails: Minimum width 2-1/4" unless otherwise specified. ⁽²⁾	
Edge Construction	Category A: Integral intumescent edge construction. (See drawing A) Category B: Frame mounted intumescent edge construction. (See drawing B)	
Lock Blocking	Available as specified.	
Faces	All commercially available veneers per AWI 1300, G11. 1/50" minimum veneer thickness, Medium density overlay (MDO), Hardboard ⁽³⁾	
Core Assembly Adhesive	Type I – Waterproof Bond	
Face Assembly Adhesive	Type II – Water Resistant Bond	
Core Bonding	Stiles and rails are securely bonded utilizing type I adhesive in conjunction with superior RF bonding technology. To ensure freedom from telegraphing of core components, the core unit is then sanded before face veneers are applied.	
STC Rating	1-3/4" only STC-32	ASTM E9 0-75
Warranty ⁽⁴⁾	Interior Use – Life of installation	Exterior Use – No Warranty
Standards	Meet or exceed – NWWDA I.S. 1-A-97 (WDMA) AWI Section 1300 SLC-7 WIC Section 12 Architectural Wood Doors - Flush UBC7-2-1997 UL10C	
Lite Openings	Non-Rated and 20 Minute Rated available. Visible glass and maximum opening dimensions depend on glazing options. See Lite Opening Tech Data Sheet for further information.	
Factory Finish	AWI system TR-2 » Clear » Custom color matching ⁽⁵⁾	» Standard Sierra color selections » Primed for finish paint
Factory Machining	» Pre-fitting » Lite cutouts	» Templated hardware preparation » Louver cutouts

Drawing A



Drawing B



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(1) Compatible hardwood edges as specified for use with stain grade face veneers. Compatible hardwood or softwood edges available for use with paint grade faces.
 (2) Laminated Strand Lumber (LSL) or softwood rails at factory option. Wider rails available.
 (3) Hardboard available in 3-ply construction only.
 (4) See complete Western Oregon Door Limited Door Warranty for details.
 (5) Set-up fee for custom matching applies. Approval of custom samples is required prior to finishing.

Structural Composite Lumber Core Door



Drawing A



Drawing B



Positive Pressure

Rev.2.15.03

Thickness	20 Minute: 1-3/4" Only	
Maximum Sizes	20 Minute Single: 4' x 9'	20 Minute Pair: 8' x 9'
Core	Structural composite lumber. (Laminated strand lumber)	
Edges	Stiles: Minimum width 1" unless otherwise specified. ⁽¹⁾ Edge banding available. Rails: Minimum width 2-1/4" unless otherwise specified. ⁽²⁾	
Edge Construction	Category A: Integral intumescent edge construction. (See drawing A) Category B: Frame mounted intumescent edge construction. (See drawing B)	
Lock Blocking	Available as specified.	
Faces	All commercially available veneers per AWI 1300, G11. 1/50" minimum veneer thickness, Medium density overlay (MDO), Hardboard ⁽³⁾	
Core Assembly Adhesive	Type I – Waterproof Bond	
Face Assembly Adhesive	Type II – Water Resistant Bond	
Core Bonding	Stiles and rails are securely bonded utilizing type I adhesive in conjunction with superior RF bonding technology. To ensure freedom from telegraphing of core components, the core unit is then sanded before face veneers are applied.	
STC Rating	1-3/4" only STC-32	ASTM E9 0-75
Warranty ⁽⁴⁾	Interior Use – Life of installation	Exterior Use – No Warranty
Standards	Meet or exceed – NWWDA I.S. 1-A-97 (WDMA) AWI Section 1300 SCL-7 WIC Section 12 Architectural Wood Doors - Flush UBC7-2-1997 UL10C	
Lite Openings	Non-Rated and 20 Minute Rated available. Visible glass and maximum opening dimensions depend on glazing options. See Lite Opening Tech Data Sheet for further information.	
Factory Finish	AWI system TR-2 » Clear » Custom color matching ⁽⁵⁾	» Standard Sierra color selections » Primed for finish paint
Factory Machining	» Pre-fitting » Lite cutouts	» Templated hardware preparation » Louver cutouts

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⁽¹⁾ Compatible hardwood edges as specified for use with stain grade face veneers. Compatible hardwood or softwood edges available for use with paint grade faces.

⁽²⁾ Laminated Strand Lumber (LSL) or softwood rails at factory option. Wider rails available.

⁽³⁾ Hardboard available in 3-ply construction only.

⁽⁴⁾ See complete Western Oregon Door Limited Door Warranty for details.

⁽⁵⁾ Set-up fee for custom matching applies. Approval of custom samples is required prior to finishing.

Solid Mineral Core Fire Door



Positive Pressure

Rev.2.15.03

Thickness	45, 60 or 90 Minute : 1-3/4" Only	
Maximum Sizes ⁽¹⁾	Single: 4' x 9'	Pair: 8' x 8'
Core	Non-combustible, asbestos free mineral fire core	
Edges	GP	Stiles: GP Firestop, minimum 3/4" latch stile and 1" hinge stile. Rails: GP Firestop, Top rail 11/16" minimum, bottom rail 1" minimum. ⁽²⁾
	Warmsprings	Stiles: Warmsprings Tectonite. Minimum 7/8" Tectonite with 1/2" hem-fir or hardwood stiles. Rails: Warmsprings Tectonite. Minimum 1-1/2" Tectonite top and bottom rails. ⁽²⁾
Edge Construction	Category A: Integral intumescent edge construction. (See drawing A) Category B: Frame mounted intumescent edge construction. (See drawing B)	
Lock Blocking	Available as specified.	
Faces	All commercially available veneers per AWI 1300, G11. 1/50" minimum veneer thickness, Medium density overlay (MDO), Hardboard ⁽³⁾ Decorative laminate – AWI-HPDL, NEMA-L-3 Other laminates as specified	
Face Assembly Adhesive	Type II – Water Resistant Bond	
Core Bonding	Stiles and rails are securely bonded to core. To ensure freedom from telegraphing of core components, the core unit is then sanded before face veneers are applied.	
Warranty ⁽⁴⁾	Interior Use – Life of installation	Exterior Use – No Warranty
Standards	Meet or exceed – NWWDA I.S. 1-A-97 (WDMA) AWI Section 1300 PC-HPDL-5 WIC Section 12 Architectural Wood Doors - Flush UBC7-2-1997 UL10C	
Lite Openings	45, 60 and 90 Minute Rated available. Visible glass and maximum opening dimensions depend on glazing options. See Lite Opening Tech Data Sheet for further information.	
Factory Finish	AWI system TR-2 » Clear » Custom color matching ⁽⁵⁾	» Standard Sierra color selections » Primed for finish paint
Factory Machining	» Pre-fitting » Lite cutouts	» Templated hardware preparation » Louver cutouts

Drawing A



Drawing B



⁽¹⁾ Maximum pair size varies per hardware application labeling requirement. Category A maximum single size for 45 and 90 minute is 4' x 8'. Category A maximum pair size for 60 minute only is 8' x 9'.

⁽²⁾ Wider rails for deep mortise or surface applied hardware are available.

⁽³⁾ Hardboard available in 3-ply construction only.

⁽⁴⁾ See complete Western Oregon Door Limited Door Warranty for details.

⁽⁵⁾ Set-up fee for custom matching applies. Approval of custom samples is required prior to finishing.



LIMITED DOOR WARRANTY WESTERN OREGON DOOR

Western Oregon Door warrants that all doors sold under this warranty, (except those expressly excluded from this warranty), will provide satisfactory performance for their normal recommended use for the time periods shown:

Door Construction	Interior Use	Exterior Use Type I Adhesive Throughout
Hollow Core	1 Year	N/A
Institutional Hollow Core	1 Year	N/A
Particleboard Core	Life of Installation	N/A
Lumber Core	Life of Installation	N/A
Structural Composite Core	Life of Installation	N/A
Mineral Core	Life of Installation	N/A

Western Oregon Door will have no liabilities under this or any implied warranties, unless such doors have been handled, stored, finished, installed and maintained in accordance with the listed recommendations of the National Wood Window and Door Association.

Dimensional Tolerances

1. Stile, rail and core show-through (telegraphing) is not considered a defect unless the face of the doors vary from a true plane in excess of 1/100" in any three inch span.
2. Size tolerance: thickness +/- 1/16", length +/- 1/16", standard width +/- 1/16", pre-fit width +/- 1/32"
3. Factory hardware preparation tolerance: +/- 1/32" on hinge preparation cutouts, + 1/32" minus 0 on lock front preparation cutouts.
4. Squareness tolerance: diagonal measurement difference will not exceed 1/8".
5. Warp is any distortion in the door itself and does not refer to the door in relation to the frame or jamb in which it is installed. Warp is not considered a defect unless it exceeds 1/4" in the plane of the door itself. Warp is measured by placing a straightedge on the concave face and determining the maximum distance from the straightedge to the door face. For doors 1 3/4" or thicker, warp will not exceed 1/4" in doors 3/6 x 7/0 or smaller, nor will it exceed 1/4" in any 3/6 x 7/0 section of larger doors. For doors 1-3/8" in thickness, warp will not exceed 1/4" in 3/0 x 7/0 or smaller.

Warranty Exclusions

1. Natural variation in color and texture of wood.
2. The appearance of field-finished doors.
3. Unsatisfactory appearance or service caused by failure to follow recommended storage, handling, finishing, installation and maintenance instructions, enclosed in this publication.
4. The warranty against warp will not apply to the following:
 - a. Doors with different face materials such as veneers, HPL and finishes.
 - b. 1 3/8" doors wider than 3/0 and higher than 7/0
 - c. Doors that are improperly hung or do not swing freely.
 - d. Doors that have light and/or louver cutout area exceeding 40% of the door surface area, or 50% of door height.
5. Doors with light or louver cutouts closer than five inches to the door edge or doors with less than five inches between cutouts for lights, louvers, locks, closures and/or other hardware cutouts.
6. Cracking of plastic laminate surface doors with openings cut by other than Western Oregon Door. A 1/4" radius at the corner of the openings must be maintained as specified by AWI 1300-S.
7. The appearance of high gloss on wood or plastic laminate doors.
8. Plastic laminate surface doors in exterior application.

Because there can be no factory supervision of delivery and job site handling, Western Oregon Door cannot be responsible for doors damaged during shipping or at the job site. All claims of shipping damage must be noted on the bill of lading, followed by immediate notification to a factory representative. A reasonable amount of time must be given for inspection and follow-up action.

If a Western Oregon Door product becomes defective, Western Oregon Door will at its option either: (1) repair the defective door; (2) replace with an identical new door in the same state of fitting and/or finishing as was originally supplied; (3) issue a cash refund not to exceed the delivered purchase price of the original door.

Western Oregon Door shall not be liable for doors repaired or replaced without prior written consent. Action on any claim for warp or telegraphing may be deferred at the option of Western Oregon Door for a period not to exceed 12 months from the date of the claim being made, as the door must remain in the original installation during the period of deferment to permit conditioning to humidity and temperature.

Western Oregon Door's sole responsibility under this warranty is as stated herein and it shall not be liable for consequential, indirect or incidental damages or for any amount in excess of its price for the shipment involved, whether the claim is for breach or warranty or negligence.