## COMMERCIAL AND ARCHITECTURAL DOORS

### Particleboard Core Door (PC)

#### Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Particleboard core (interior use).</th>
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| In Conformity with Industry Standards | ARCHITECTURAL WOODWORK STANDARDS-ED.2  
WDMA Series I.S.1-A-2013  
ASTM D5456-09  
ANSI A208.1 |
| Fire Rating Details   | 20 minutes neutral or positive pressure  
Refer to Fire-Rated Options of our Architectural Catalog (e-version)  
CAN/ULC-S104  
NFPA 252  
UL 10B neutral pressure  
UL 10C positive pressure category B  
UL 10C positive pressure category A in option |
| Thicknesses           | Non-Rated: 1-3/8” (35 mm).  
20 Minutes: 1-3/4” (44 mm) to 2-1/4” (57 mm). |
| Maximum Sizes         | Non-Rated: 48” x 120” (1 219 mm x 3 048 mm).  
Neutral Pressure: 48” x 120” (1 219 mm x 3 048 mm).  
Positive Pressure: 48” x 108” (1 219 mm x 2 743 mm). |
| Stiles                | CE (Compatible Edge): 7/16” (11 mm) wood (mill option).  
ME (Matching Edge): 7/16” (11 mm) hardwood.  
BE (Blind Edge): 7/16” (11 mm) hardwood.  
Laminated to 1” (25 mm) Structural Composite Lumber (SCL).  
PE (Plastic Edge): HPDL edges.  
FE: Lambton Doors’ EDGEFENDER: High impact resistant edges. |
| Rails                 | 1-7/16” (36 mm) Structural Composite Lumber (SCL). |
| Core                  | Particleboard core with a density of 28-32 PCF  
(449-513 kg/m³) LD-1 bonded to the stiles and rails. |
| Adhesive              | Type I (waterproof); PVA (UF-Free). |
| Face                  | Wood veneer, MDO or HPDL laminated to a HDF. |
| Options               | LD-2 core, FSC and ULEF.  
15/16” (24 mm) wood (mill option) or hardwood laminated to 1” (25 mm) Structural Composite Lumber (SCL). |
| Lite and Louver Openings | Wood louvers not permitted in 20 minutes labeled doors.  
Cut-out must not exceed 40% of door area (LD-1).  
All models: Minimum 5” (127 mm) from stiles or rails.  
Non-Rated: Minimum 1-1/2” (38 mm) from cut-out to cut-out.  
20 Minutes: Minimum 2-3/4” (70 mm) from cut-out to cut-out. |
| Notes                 | Stile and rail dimensions shown are rough sizes, before trimming. |
| Warranty              | Life of original installation. |
| Factory Finish        | UV Finishing System 9 by AWI. Stain, clearcoat, opaque and primed finish available. Custom color matching available.  
Sealed top and bottom standard.  
Lambton Doors’ ASEPTI: Antimicrobial coated surface in option. |
| Environmental Benefits | Recycled content. All Series.  
Regional Materials. According to job site location.  
FSC Certified Wood. Specify 5-FSPC.  
Low Emitting Materials, NAF/ULEF. Specify 5-UFPC.  
EPD - Environmental Product Declaration available.  
HPD - Health Product Declaration available. |
| Door weight           | Thickness 1-3/4” (44mm): LD-1= 5.2 lbs/ft²  
LD-2= 5.6 lbs/ft² |

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*The FSC logo identifies products which contain wood from well-managed forests certified in accordance with the rules of the Forest Stewardship Council.*