**Particleboard Core Door (PC)**

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<thead>
<tr>
<th>Type</th>
<th>Description</th>
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<td><strong>Type</strong></td>
<td>Particleboard core (interior use).</td>
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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” (44 mm): LD-1= 5.2 lbs/ft²  
                  LD-2= 5.6 lbs/ft² |