# Commercial and Architectural Doors

## Fire Door System

**Mineral core door 45 minute**

<table>
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<tr>
<th>Specifications</th>
<th>Descriptions</th>
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<tbody>
<tr>
<td><strong>Type</strong></td>
<td>Mineral core (Interior use).</td>
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<tr>
<td><strong>In conformity with industry standards</strong></td>
<td>ARCHITECTURAL WOODWORK STANDARDS-ED.2 W.O.M.A. SERIES I.S.1-A-2013</td>
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</tbody>
</table>
| **Fire rating details** | 45 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** | 1-3/4” (44 mm) to 2-1/4” (57 mm). |
| **Maximum sizes** | Positive pressure: 48” x 108” (1 219 mm x 2 743 mm).  
  Neutral pressure: 48” x 120” (1 219 mm x 3 048 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 1-1/2” (38 mm) proprietary material (FPCM)*.  
  PE (Plastic Edge): HPDL edges.  
  FE (Lambton Doors’ EDGEFENDER): High impact resistant edges. |
| **Rails** | 2” (51 mm) proprietary material (FPCM)*. |
| **Core** | Non-combustible mineral core bonded to the stiles and rails. |
| **Adhesive** | Type I (waterproof); PVA (UF-Free). |
| **Face** | Wood veneer, MDO or HPDL laminated to a HDF. |
| **Options** | Blocking for hardware. |
| **Lite and louver openings** | Cut-out for lite and louver with size limitations. |
| **Notes** | Stile and rail dimensions shown are rough sizes, before trimming.  
  Dimensions will vary due to prefilt requirements. |
| **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.  
  FSC Certified Wood. Specify FSC.  
  Low Emitting Materials NAF. Specify NAF. |
| **Door weight** | Thickness 1-3/4” (44 mm) = 5.6 lb/ft².  
  * FPCM: Fire Proof Composite Material |

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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.