# COMMERCIAL AND ARCHITECTURAL DOORS

## Fire Door System

**Mineral core door 60 and 90 minute**

<table>
<thead>
<tr>
<th>Standard Series</th>
<th>5-FD60/90-CE/ME/BE</th>
</tr>
</thead>
<tbody>
<tr>
<td>EnviroDesign™ Series</td>
<td>5-FD60/90-ECE/EME/EBE</td>
</tr>
</tbody>
</table>

## Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type A (AWI)</td>
<td>CE: Compatible Edge; ME: Matching Edge; BE: Blind Edge.</td>
</tr>
<tr>
<td>Type B (AWI)</td>
<td>PE: Plastic Edge; FE: Lambton Doors’ EDGEFENDER.</td>
</tr>
<tr>
<td>Type C (AWI)</td>
<td>HPDL Edges (PE)</td>
</tr>
</tbody>
</table>

## Descriptions

**Type**
- Mineral core (interior use).

**In conformity with industry standards**
- ARCHITECTURAL WOODWORK STANDARDS-ED.2
- W.D.M.A SERIES I.S.1-A-2013

**Fire rating details**
- 60/90 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

**Thickneses**
- 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” (25 mm) (FPCM)*.
- PE (Plastic Edge): HPDL edges.
- FE: Lambton Doors’ EDGEFENDER: High impact resistant edges.

**Rails**
- 1-1/2” (38 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.
- 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 prefit requirements.

**Warranty**
- Life of original installation.

**Factory finish**
- 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.
- HPD - Health Product Declaration available.

**Door weight**
- Thickness 1-3/4” (44mm) = 5.8 lb/ft².

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* FPCM: Fire Proof Composite Material

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Printed in Canada 2017/06