# Particleboard Core Door (PC)

**Standard Series**

5-PC-CE/ME/BE

**EnviroDesign™ Series**

5-UFPCE/CE/ME/EBE

5-FSPC-CE/ME/EBE

## Specifications

<table>
<thead>
<tr>
<th>Type</th>
<th>Particleboard core (interior use).</th>
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<tbody>
<tr>
<td>In Conformity with Industry Standards</td>
<td>ARCHITECTURAL WOODWORK STANDARDS-ED.2</td>
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<tr>
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<td>WDMA Series I.S.1-A-2013</td>
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<td>ASTM D5456-09</td>
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<td>ANSI A208.1</td>
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## 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.
- 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.

## Environnemental 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-UFPCE.
- 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

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*Printed in Canada 2017/05*