## COMMERCIAL AND ARCHITECTURAL DOORS

### Fire Door System

**Structural Composite Lumber Core Doors (SCL)**

45 minute

**Standard Series**

- 5-SCL45-CE/ME/BE

**EnviroDesign™ Series**

- 5-UFSCL45-ECE/EME/EBE
- 5-FSSCL45-ECE/EME/EBE

### Specifications

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<td>Type A - AWI</td>
<td>Structural Composite Lumber Core (SCL) (Interior use).</td>
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<td>Type B - AWI</td>
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<td>Type C - AWI</td>
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### In conformity with Industry standards

- ARCHITECTURAL WOODWORK STANDARDS-ED.2
- WDMA SERIES I.S.1-A-2013
- ASTM D6456-09

### 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

- Single door: 48” x 96” (1,219 mm x 2,438 mm).
- Pair doors: 96” x 96” (2,438 mm x 2,438 mm). Specify 5-LSL45.

### 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

- Structural Composite Lumber (SCL) core with a density of 38 PCF (609 kg/m²) bonded to the stiles and rails.

### Adhesive

- Type I (waterproof); PVA (UF-Free).

### Face

- Wood veneer, MDO or HPDL laminated to a HDF.

### Lite and louver openings

- Cut-out for lites and louvers available with size limitations.
- Cut-out for glass openings must not exceed 1296 sq. in.
- Minimum 5" (127 mm) from stiles, rails or from cut-out to cut-out.

### Notes

- Stile and rail dimensions shown are rough sizes, before trimming.

### Warranty

- Life of original installation.

### Factory finishes

- Lambton Doors' **ASEPTI**: Antimicrobial coated surface in option.

### Environmental benefits

- Recycled content. All Series.
- FSC Certified Wood. Specify 5-FSSCL45 / 5-FSLSL45.
- Low Emitting Materials, NA. Specify 5-UFSCL45 / 5-UFLSL45.
- EPD - Environmental Product Declaration available.
- HPD - Health Product Declaration available.

### Door weight

- Thickness 1-3/4" (44mm) = 6,1 lbs/ft².