## 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

<table>
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<tr>
<th>Type</th>
<th>Structural Composite Lumber Core (SCL) (Interior use).</th>
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| **In conformity with Industry standards** | ARCHITECTURAL WOODWORK STANDARDS-ED.2  
WDMA SERIES I.S.1-A-2013  
ASTM D5456-09 |
| **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 108 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/m³) 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 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’ ASEQTI: Antimicrobial coated surface in option. |
| **Environmental Benefits** | Recycled content. All Series.  
FSC Certified Wood. Specify 5-FSSCL45 / 5-FSLSL45.  
Low Emitting Materials, NAF. 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. |

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