# COMMERCIAL AND ARCHITECTURAL DOORS

## Fire Door System

### Structural Composite Lumber Core Doors (SCL)

**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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<th>Type</th>
<th>Description</th>
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<tr>
<td>Structural Composite Lumber Core (SCL)</td>
<td>(Interior use).</td>
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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 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) care 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 louveres 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. |

| Environnemental 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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