

# LD Architectural Series

**Division 08 14 23.13**  
**High Pressure Decorative**  
**Laminate Doors**

**LD3500LL HPDL SCLC-5**

Structural Composite Lumber  
 Lead Lined Core  
 Non-Rated or 20-Minute Rated

<b>FACES:</b>	High Pressure Decorative Laminate (HPDL) faces to meet minimum requirements of National Electrical Manufacturers Association (NEMA) Standard LD3 HPDL.		
<b>SUBSTRATE:</b>	Engineered wood composites		
<b>CORE:</b>	Structural Composite Lumber WDMA I.S. 1-A C-3		
<b>STILES:</b>	(ME) Matching edges, fire-rated composite with decorative laminate face, AWS Type C HPDL <b>Option:</b> Wood edges painted or stained to complement decorative laminate face		
<b>RAILS:</b>	Integrated as part of the core		
<b>ASSEMBLY:</b>	Stiles are securely bonded to the core and the assembled unit is sanded prior to application of faces.		
<b>ADHESIVES:</b>	Type 1		
<b>MAXIMUM SIZE:</b>	Non-Rated	5'0" x 12'0" (1524mm x 3657mm)	
	20-Minute Rated	5'0" x 10'0" (1524mm x 3048mm)	
<b>THICKNESS:</b>	Non-Rated	1-3/4" (45mm) up to 1/4" (6mm) thick lead	<b>Option:</b> Up to 2-1/4" (57mm)
		1-3/8" (46mm) over 1/4" (6mm) up to 3/8" (10mm) thick lead	
	20-Minute Rated	1-3/4" (45mm)	<b>Option:</b> Up to 2-1/4" (57mm)
<b>WARRANTY:</b>	Life of original installation; for interior use only. SEE WARRANTY TERMS AND CONDITIONS.		
<b>STANDARDS:</b>	WDMA IS-1A and AWS Premium Grade		
<b>FIRE-RATING:</b>	Positive Pressure Category B or Neutral Pressure Positive Pressure tested in accordance with UBC 7-2 1997, UL 10C, and NFPA 252. Neutral Pressure with hose stream tested in accordance with UBC 7 1994 and UL 10B. For additional information on fire doors, please refer to the Lynden Door Fire Door Technical Sheets.		
<b>LEAD SHIELDING:</b>	Standard 4 lb with 1/32" (0.8mm) shielding layered between the core/frame assembly and the face on each side of the door, thereby eliminating the requirement for most shielding of hardware. Heavier shielding up to 3/8" (10mm) available upon request. 1/8" (3mm) thick maximum lead with 20-Minute rating.		
<b>ACOUSTICAL RATING:</b>	Information presently not available		
<b>ENVIRONMENTAL ATTRIBUTES:</b>	This product is TSCA Title VI compliant. This product is manufactured with pre-consumer recycled material. For additional information on product contribution, please refer to the GreenDor™ Contribution Sheets.		



## Manufacturing Options

<b>BLOCKING:</b>	No additional blocking required. Core material complies with screw holding WDMA TM-10 extra heavy duty.
<b>MACHINING:</b>	Machining for hardware, open cutouts, installation of lites, applied moldings, plant-ons, raceways, concealed vertical rods, decorative routing, dutch doors, doors and transoms. Hardware cutouts shall be factory machined from manufacturers' templates and shop drawings. <b>Note:</b> Louvers not available in rated door. <b>Note:</b> Lynden Door, Inc recommends the use of an appropriate continuous hinge for best performance of this door. When pivots are specified, it is recommended that intermediate pivot(s) be used in conjunction with top and bottom offset pivots. When hinges are specified, it is recommended that heavy weight hinges be used. <b>Note:</b> Fire rated doors must glazed under label service.