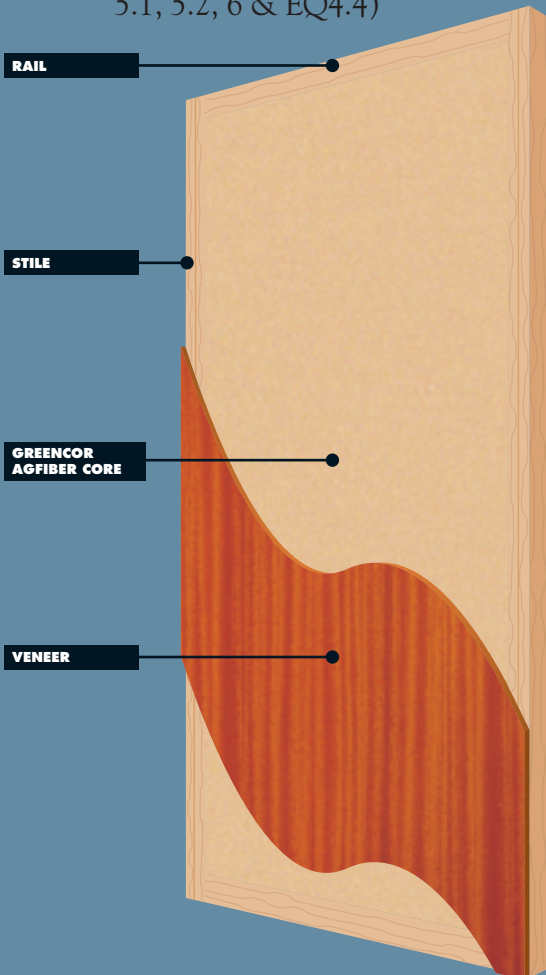


# Architectural Doors

**LD2500  
GRENCOR - AGFIBER  
BONDED SANDED CORE**

## APPLICATIONS & BENEFITS

Grencor™ is produced from rapidly renewable and 100% recovered agricultural fiber, reducing the impact on our timber resources. Grencor™ is environmentally responsible, designed for sustainable building and free of formaldehyde resins. The LD2500 Grencor contributes to the LEED Rating System 2.1 (MR4.1, 4.2, 5.1, 5.2, 6 & EQ4.4)



**LYNDEN DOOR, INC.**  
P.O. BOX 528  
177 WEST MAIN ST.  
LYNDEN, WA 98264  
PHONE (360) 354-5676  
FAX (360) 354-3738  
[www.lyndendoor.com](http://www.lyndendoor.com)

## SPECIFICATIONS

### MAXIMUM SIZE

(Nonrated) (PC3, PC5, & PC7)	
Single doors	4'0" x 10'0"
Regular and Double Egress Paired doors	8'0" x 10'0"
20-minute Positive Pressure or Neutral Pressure (PC3, PC5 & PC7)	
Single doors	4'0" x 8'0"
Paired Doors: Dependent on hardware used, up to	8'0" x 8'0"

*Note:* Positive pressure tested in accordance with UBC-7-97, UL-10B and UL-10C  
Neutral pressure tested in accordance with UBC-7-94. UL-10B

### DOOR THICKNESS

1<sup>3</sup>/<sub>8</sub>" (nonrated only) and 1<sup>3</sup>/<sub>4</sub>" (non-rated or rated). Thicker cores available, for more information please contact Lynden Door, Inc.

### STILES

Minimum 1<sup>1</sup>/<sub>4</sub>" (before trim) compatible hardwood edges (Matching vertical edges supplied when specified premium grade.)

### RAILS

Minimum 2" (before trim) mill option SCL (TimberStrand) (Matching or compatible hardwood rails available when specified.)

### BONDED SANDED CORE AND FRAME ASSEMBLY

Grencor™ Agfiber is formaldehyde free and meets or exceeds ANSI LD-1 physical properties. Stiles and rails are securely bonded to the core and sanded as a complete assembly prior to the application of the face veneers. (Optional ANSI LD-2 classification available upon request.)

### FACES

Architectural Hardwood Veneers (minimum 1/50" veneer before sanding), Plastic Laminate, Medium Density Overlay and Hardboard. Veneers available in a wide variety of species, cuts and assemblies. Customary veneer grading standards meet or exceed WDMA Custom Grade. *Note:* WDMA Premium, AWI / AWMAC Custom or Premium available upon request.

### ADHESIVES

Type 1 PVA waterproof adhesive.

### FACTORY MACHINING / DETAILING

Complete range of machining capabilities and detailing available. 20-minute rated doors must be machined in accordance with Warnock Hersey International, Inc. and National Fire Protection Association Standards, (NFPA 80, latest edition). Lynden Door, Inc. recommends factory prefitting of all fire doors.

### LIGHT OPENINGS

Cutout requires a 5" margin between cutout and top rail (or any mortise prep for concealed hardware in top rail), 5" margin between cutout and edge of door, 12" margin between cutout and bottom rail and minimum 3" margin between multiple lite cutouts. Concealed hardware may conflict with warranty. Call Lynden Door for more information. Expanded vision light cutouts available, call Lynden Door for more information. Maximum cutout size on 20-minute rated doors is predicated upon fire rated glazing assembly. Call Lynden Door for further information.

### WARRANTY

Life of original installation for interior use only. See warranty terms and conditions. Use of Lynden Door, Inc. LD2500 doors in exterior applications is not recommended or warranted.

### NOTE

LD2500 construction meets WDMA IS1A, AWI / AWMAC, and WI. standards.