

LYNDEN DOOR, INC.
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CD450 MINERAL CORE

APPLICATIONS & BENEFITS

Recommended for Commercial applications that require a forty-five-minute fire-rated door. Available in a wide variety of hardwood and hardboard faces.

SPECIFICATIONS

MAXIMUM SIZE

Single doors 4'0" x 10'0"
Maximum size door/transom 4'0" x 10'0"
Paired doors: Dependent on blocking and hardware preps. 8'0" x 9'0"
Call Lynden Door, Inc. for further information.

DOOR THICKNESS

1³/₄" standard.

STILES

Untreated softwood stiles. Minimum 1¹/₁₆", maximum 7/8" (after trim). Solid hardwood outer edges matching (compatible with) the face veneer available upon request. Minimum dimensions are net after factory undersizing.

RAILS

Untreated softwood rails. Top rail: Minimum 5/8", maximum 7/8". Bottom rail: Minimum 3/4", maximum 1⁷/₈" (after trim). Matching (compatible) wood rails available upon request. Minimum dimensions are after factory undersizing.

LOOSE LAY CORE AND FRAME ASSEMBLY

Stiles, rails, and Georgia Pacific forty-five minute mineral core manufactured to fire label requirements.

FACES

Pregraded: Hardboard, Medium Density Overlay, or Premium 3-ply veneered skins (minimum 1/50" veneer before sanding). Veneers available in a wide variety of species and cuts.

ADHESIVES

Core and frame assembly and veneer application all with Type 1, waterproof adhesives.

BLOCKING

Special inner blocking options may be specified for reinforcing of hardware, including lockblocks.

FACTORY MACHINING/DETAILING

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

LIGHT OPENINGS

Cut-out area may not exceed 40% of the face or half of the door height to comply with the warranty. For forty-five-minute rated doors, the total visible area of single or multiple lights may not exceed 1296 sq. in. per leaf, with a maximum width of 36", or a maximum height of 54". All cut-outs must be 6" from the edge of the door or any other cutouts and/or hardware preps, with a minimum bottom rail of 10".

WARRANTY

Five years for interior use only. See warranty terms and conditions. Use of Lynden Door, Inc. CD450 doors in exterior applications is neither recommended nor warranted.

