

Commercial Doors



LYNDEN DOOR, INC.
P.O. BOX 528
177 WEST MAIN ST.
LYNDEN, WA 98264
PHONE (360) 354-5676
FAX (360) 354-3738

CD100 HOLLOW CORE

APPLICATIONS & BENEFITS

Recommended for a small range of Commercial applications. The hollow core offers light weight and reduced costs where a light-duty door or bifold is appropriate. Available in a wide variety of hardwood and hardboard faces.

SPECIFICATIONS

MAXIMUM SIZE

(Nonrated)
Single doors 4'0" x 10'0"
Regular and Double Egress Paired doors 8'0" x 10'0"

DOOR THICKNESS

1³/₈" and 1³/₄" standard.

STILES

Minimum 1¹/₄" (before trim) softwood edge. Solid hardwood outer edges matching (compatible with) the face veneer are available.

RAILS

Minimum 2" (before trim) mill option wood rails. Matching (compatible) wood rails available upon request.

LOOSE LAY CORE AND FRAME ASSEMBLY

Expanded honeycomb core with particle board lockblocks both stiles.

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 or light cutouts. Wooden lock blocks are available.

FACTORY MACHINING/DETAILING

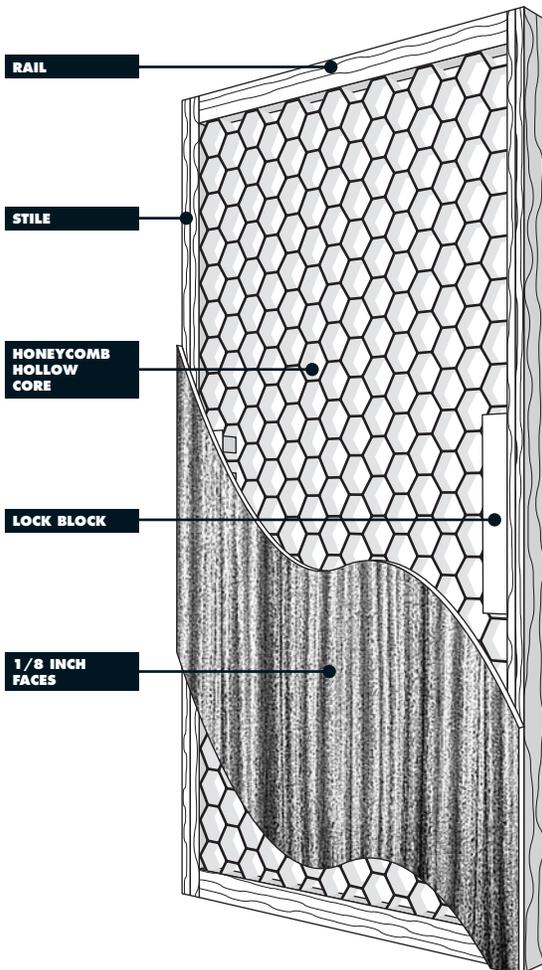
Complete range of machining capabilities and detailing available.

LIGHT OPENINGS

Cut-out area may not exceed 40% of the face or half of the door height to comply with the warranty. All cut-outs must be 6" from the edge of the door or any other cutouts and/or hardware preps.

WARRANTY

Five years for interior use only. See warranty terms and conditions. Use of Lynden Door, Inc. CD100 doors in exterior applications is neither recommended nor warranted.

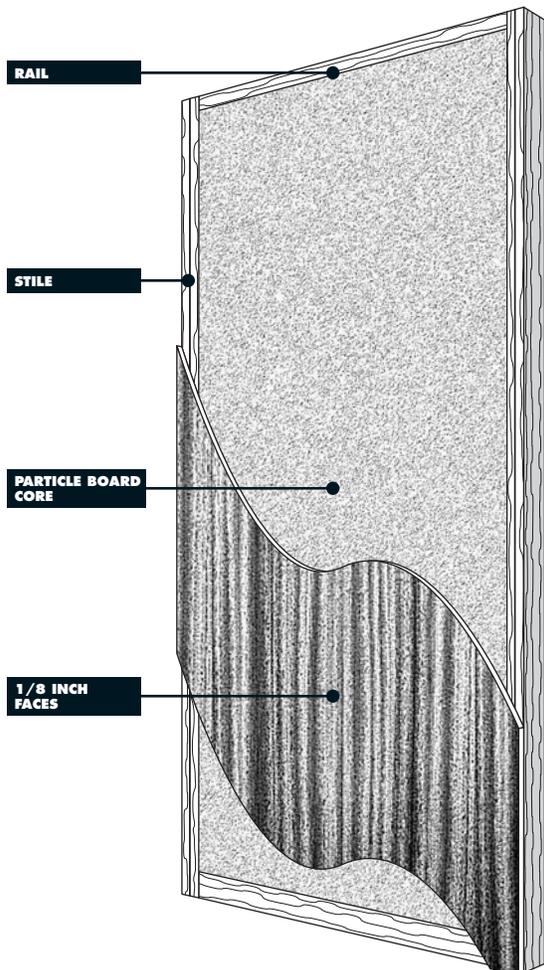


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CD200 PARTICLE BOARD CORE

APPLICATIONS & BENEFITS

Recommended for a wide range of Commercial applications. The particle board core offers good stability against warpage and telegraphing. Available as either non-rated or twenty-minute fire-rated in a wide variety of hardwood and hardboard faces.



SPECIFICATIONS

MAXIMUM SIZE

(Nonrated)	
Single doors	4'0" x 10'0"
Regular and Double Egress Paired doors	8'0" x 10'0"
(20 minute rated)	
Single doors	4'0" x 10'0"
Maximum size door/transom	4'0" x 10'0"
Paired doors: Dependent on hardware used, up to	8'0" x 10'0"
<i>Note: GP Firestop II meeting edges may be used for twenty-minute pairs in lieu of metal edges.</i>	

DOOR THICKNESS

1³/₈" (nonrated only) and 1³/₄" standard.

STILES

Minimum 1¹/₄" (before trim) softwood edge. Solid hardwood outer edges matching (compatible with) the face veneer are available.

RAILS

Minimum 2" (before trim) mill option wood rails. Matching (compatible) wood rails available upon request.

BONDED SANDED CORE AND FRAME ASSEMBLY

Particle Board Core with an average density of 28 to 32 lbs. Stiles and rails are glued to the core and the assembled unit is then sanded prior to lay-up and pressing.

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. Wooden lock blocks are available.

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 20 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. Louvres are not allowed in 20 minute doors.

WARRANTY

Five years for interior use only. See warranty terms and conditions. Use of Lynden Door, Inc. CD200 doors in exterior applications is neither recommended nor warranted.

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CD300 STAVE LUMBER CORE

APPLICATIONS & BENEFITS

Recommended for a wide range of Commercial applications. The stave lumber core offers good stability against warpage. Available as either nonrated or twenty-minute fire-rated in a wide variety of hardwood and hardboard faces.

SPECIFICATIONS

MAXIMUM SIZE

(Nonrated)	
Single doors	4'0" x 10'0"
Regular and Double Egress Paired doors	8'0" x 10'0"
(20 minute rated)	
Single doors	4'0" x 10'0"
Maximum size door/transom	4'0" x 10'0"
Paired Doors: Dependent on hardware used, up to	8'0" x 10'0"

Note: GP Firestop II meeting edges may be used for twenty-minute pairs in lieu of metal edges.

DOOR THICKNESS

1³/₈" (nonrated only) and 1³/₄" standard.

STILES

Minimum 1¹/₄" (before trim) softwood edge. Solid hardwood outer edges matching (compatible with) the face veneer are available.

RAILS

Minimum 2" (before trim) mill option wood rails. Matching (compatible) wood rails available upon request.

BONDED SANDED CORE AND FRAME ASSEMBLY

A pre-glued, pre-assembled, sanded core made up of softwood strips not more than 2¹/₂" wide, of one species of wood at a 6% to 9% moisture content. The end joints are to be tight and staggered in adjacent columns. Stiles and rails are glued to the core, and the assembled unit is then sanded prior to lay-up and pressing.

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.

FACTORY MACHINING/DETAILING

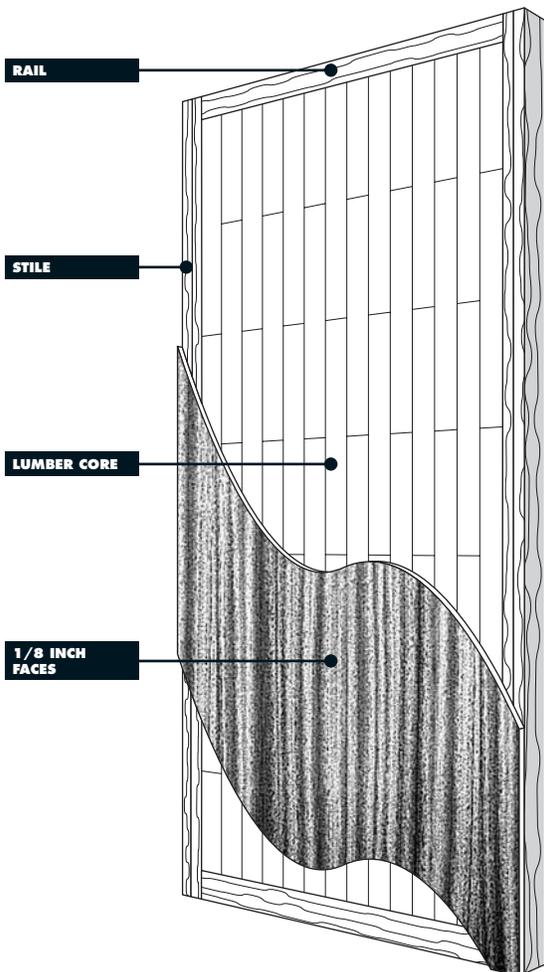
Complete range of machining capabilities and detailing available. Rated doors must be in accordance with Warnock Hersey International, Inc. and National Fire Protection Association Standards (NFPA 80, latest edition). Lynden Door, Inc. recommends factory prefitting on all fire doors.

LIGHT OPENINGS

Cut-out area may not exceed 40% of the face or half of the door height to comply with the warranty. For 20 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. Louvres are not allowed in 20 minute doors.

WARRANTY

Five years for interior use only. See warranty terms and conditions. Use of Lynden Door, Inc. CD300 doors in exterior applications is neither recommended nor warranted (except for MDO exterior doors available in this core only).



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COMMERCIAL SMOOTH COLONIST SOLID CORE

APPLICATIONS & BENEFITS

Recommended for a wide range of commercial applications. The unique dimensions of the face frame allows for installation of most commercial hardware on a molded panel door. Available as a standard solid core, or as fire rated particle or mineral core.

SPECIFICATIONS

MAXIMUM SIZE (Single swing only)

2'6" x 6'8"	2'6" x 7'0"
2'8" x 6'8"	2'8" x 7'0"
3'0" x 6'8"	3'0" x 7'0"
3'6" x 6'8"	3'6" x 7'0"

DOOR THICKNESS

1³/₈" (nonrated) and 1³/₄" (nonrated and rated).

FIRE RATINGS

1³/₄" thick doors: 20 minute rated (60 minute rated available upon request).

STILES

1³/₈" doors: Minimum 1¹/₄" (before trim) mill option fingerjointed softwood stiles.
1³/₄" doors 6'8" high: Minimum 1¹/₄" (before trim) mill option fingerjointed softwood stiles.
1³/₄" doors 7'0" high: Minimum 1³/₄" (before trim) mill option fingerjointed softwood stiles.

RAILS

1³/₈" doors: Minimum 2¹/₄" (before trim) mill option fiberboard or softwood rails.
1³/₄" doors: Minimum 2⁵/₈" (before trim) mill option softwood rails.

LOOSE LAY CORE AND FRAME ASSEMBLY

Particle board core routed to accept molded skins, with an average core density of 28 to 34 lbs.

FACES

Pregraded 1¹/₈" molded hardboard skins.

ADHESIVES

Core and frame assembly and veneer application all with Type II water resistant adhesives. Type I waterproof adhesives available upon request.

BLOCKING

Special inner blocking options may be specified for hardware reinforcement.

FACTORY MACHINING

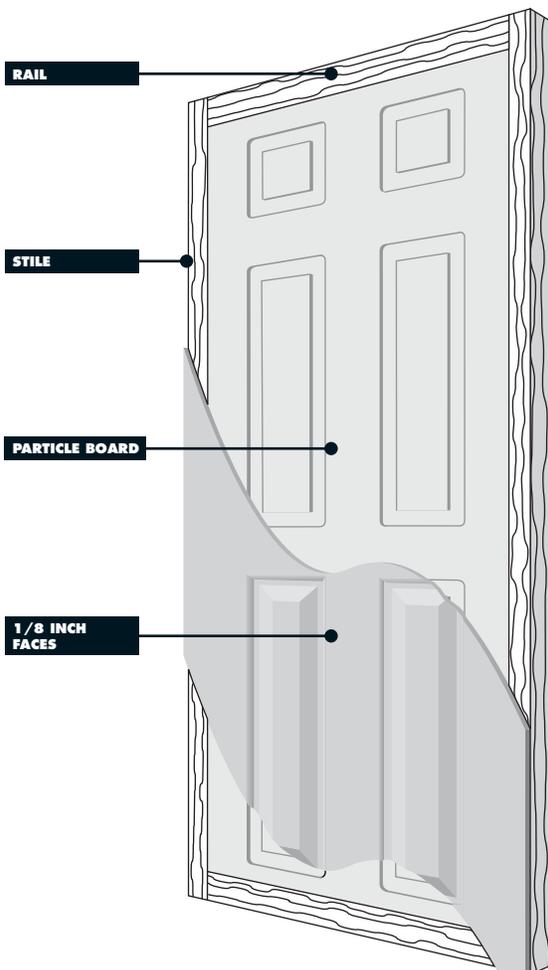
Complete range of machining capabilities and detailing available. Rated doors must be in accordance with Warnock Hersey International, Inc. and National Fire Protection Agency Standards (NFPA 80, or latest edition). Lynden Door, Inc. recommends factory prefitting on all fire doors.

WARRANTY

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

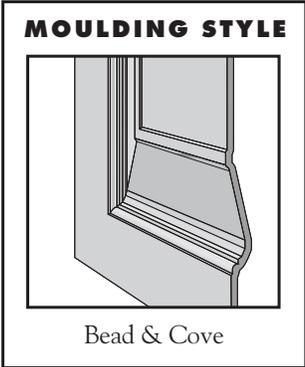
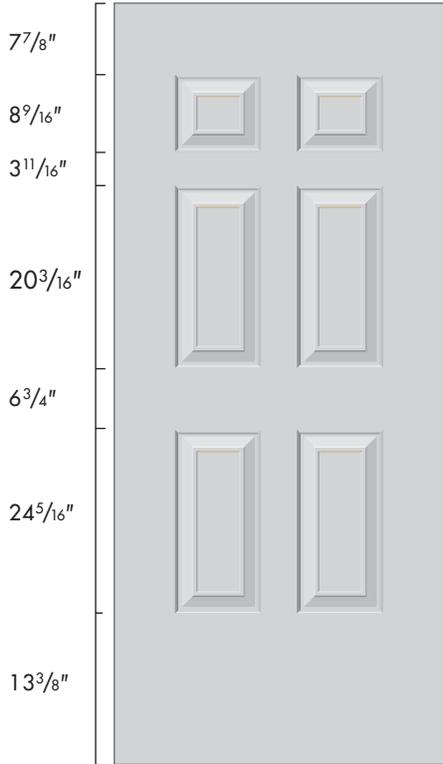
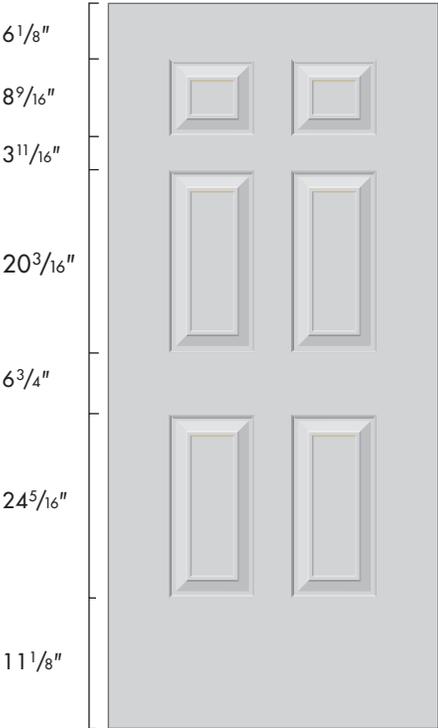
NOTE

All Lynden Door, Inc. doors meet or exceed N.W.W.D.A., I.S.1 and C.S.A. standards.



6'8"

7'0"



DOOR FACING DIMENSIONS

FACING SIZE (nominal)	FACING OVERALL	PANEL WIDTH	CENTER STILE	OUTER STILE
30"	30.375"	7.563"	3.875"	5.688"
32"	32.375"	7.563"	3.875"	6.688"
36"	36.375"	9.563"	3.875"	6.688"
42"	42.375"	12.963"	3.875"	6.688"

SIZES AVAILABLE

OPENING WIDTH	2'6"	2'8"	2'10"	3'0"	3'2"	3'4"	3'6"
Colonist® Commercial 7'0"	•	•	NA	•	NA	NA	•
Colonist® Commercial 6'8"	•	•	NA	•	NA	NA	•

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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

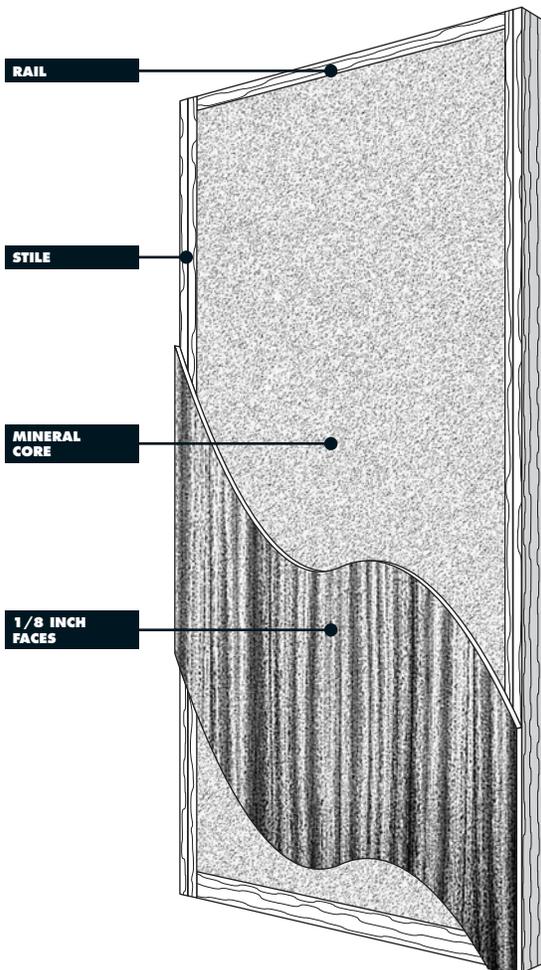
Complete range of machining capabilities and detailing available. Rated doors must be in accordance with Warnock Hersey International, Inc. and National Fire Protection Association Standards (NFPA 80, latest edition). Lynden Door, Inc. recommends factory prefitting on all fire doors.

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.



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CD600 MINERAL CORE

APPLICATIONS & BENEFITS

Recommended for Commercial applications that require a sixty-minute fire-rated door. They are 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

Firestop II with softwood edges. Maximum 1/2" wood (after trim), with minimum 3/4" composition inner stile. Matching stiles (compatible with) the face veneer available upon request.

RAILS

Firestop II composite rails with outer band of softwood. Top rail: Maximum 1/4" optional wood outerband, with a minimum 3/4" composition (after trim). Bottom rail: Minimum 1" composition (after trim), no wood allowed. Matching (compatible) top rail available upon request.

LOOSE LAY CORE AND FRAME ASSEMBLY

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

FACES

Pregraded: Hardboard, Medium Density Overlay, and 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

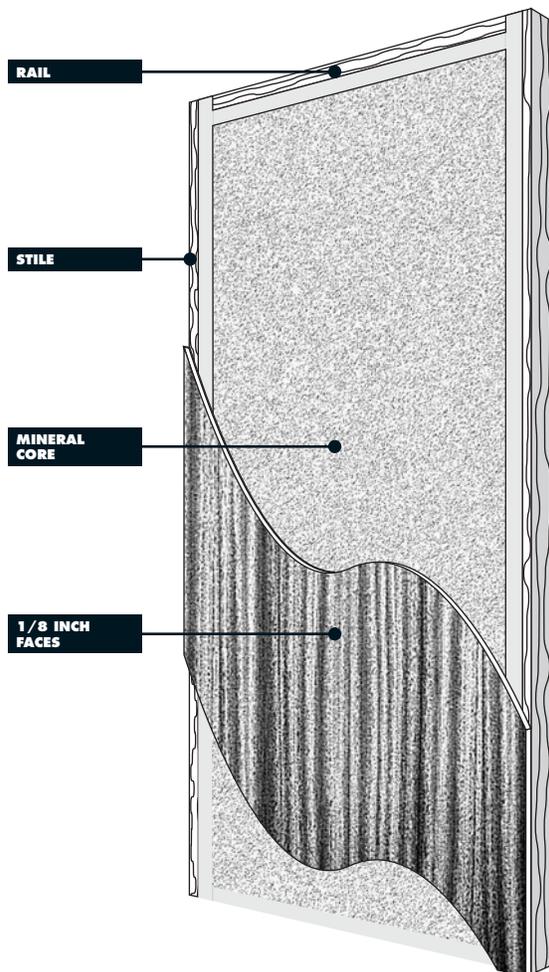
Complete range of machining capabilities and detailing available. Rated doors must be in accordance with Warnock Hersey International, Inc. and National Fire Protection Association Standards (NFPA 80, latest edition). Lynden Door, Inc. recommends factory prefitting on all fire doors.

LIGHT OPENINGS

For sixty-minute rated doors, the total visible area of single or multiple lights may not exceed 100 sq. in. per leaf, with a maximum width of 10", or a maximum height of 33". 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. CD600 doors in exterior applications is neither recommended nor warranted.



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CD900 MINERAL CORE

APPLICATIONS & BENEFITS

Recommended for Commercial applications that require a ninety-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

Firestop II with softwood edges. Maximum 1/4" wood, minimum 1" composition (after trim). Matching stiles (compatible with) the face veneer available upon request.

RAILS

Firestop II composite rails with outer band of softwood. Top rail: Maximum 1/4" optional wood outerband, minimum 1" composition (after trim). Bottom rail: Minimum 1" composition, no wood allowed. Matching (compatible) top rail available upon request.

LOOSE LAY CORE AND FRAME ASSEMBLY

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

FACES

Pregraded: Hardboard, Medium Density Overlay, and 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

For ninety-minute rated doors, the total visible area of single or multiple lights may not exceed 100 sq. in. per leaf, with a maximum width of 10", or a maximum height of 33". 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. CD900 doors in exterior applications is neither recommended nor warranted.

