

FIBERGLASS ENTRY DOOR SLAB · PANEL · 20-MINUTE FIRE RATED

2 Panel Fire-Rated Fiberglass Door

36" x 80" nominal (3/0 x 6/8) · Actual slab 35-3/4" x 79" x 1-3/4"

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online: current options,
pricing and install guides



FIG. 1 ELEVATION AND EDGE VIEW

Exterior face shown. Drawn to scale; dimensions are actual, in inches.

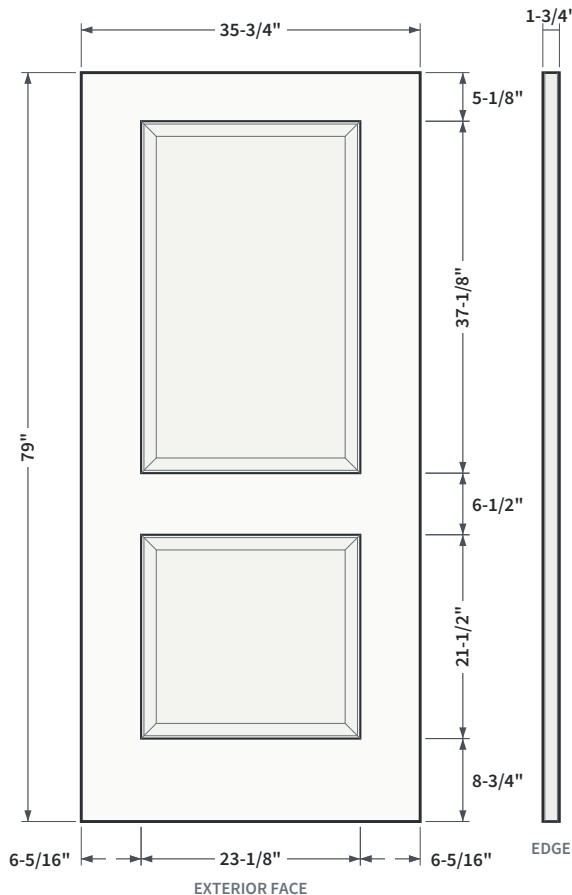
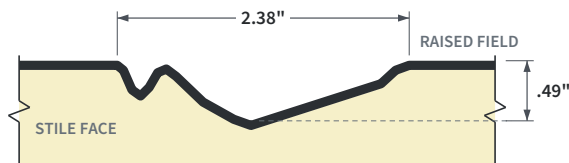


FIG. 2 RAISED PANEL PROFILE

A decorative bead at the stile, a cove down to the panel edge, then a long, shallow slope rises to the raised field. .49" deep, 2.38" wide.



PANEL LAYOUT

Design	Two raised panels, tall over short
Panels	Molded into the fiberglass skin; sizes on Fig. 1 are to the outer edge of each panel

DIMENSIONS

Nominal size	36" x 80" (3/0 x 6/8)
Actual slab	35-3/4" W x 79" H x 1-3/4" thick
Stiles	6-5/16" each side, to the panel field
Rails	Top 5-1/8" · bottom 8-3/4"
Panels	23-1/8" x 37-1/8", 23-1/8" x 21-1/2", top to bottom
Prehung unit	About 37-1/2" x 81-3/4" (inswing or saddle sill), 37-1/2" x 80-3/4" (bumper sill)

CONSTRUCTION

Build	20-minute fire-rated fiberglass
Stiles	4" LSL (laminated strand lumber) lock and hinge stiles with maple caps
Core	Fire-resistant polyurethane foam
Skins	Compression-molded fiberglass
Texture	White Satin Smooth (paint grade)
Label	20-minute fire label applied to the door
Panel profile	Raised panel: bead, cove and sloped bevel, .49" deep (Fig. 2)
Edges	Square edge; reversible for left- or right-hand swing

PERFORMANCE

Thermal	Not rated for fire-rated construction
Impact rating	Not impact rated
Fire rating	20-minute, Category B; UL 10C, UL 10B and NFPA 252, positive pressure with hose stream
Fire install	Per NFPA 80, single unit, max 3/0 x 8/0. Category G gasket for positive pressure; H gasket for smoke and draft. Listed cylindrical latch and deadbolt, max 2-3/4" backset

STANDARD HARDWARE PREPARATION

Ordered as Standard Prep. Blank (no prep) and custom prep to match an existing door are also available.

FIG. 3 LOCATIONS

From top of door, exterior view

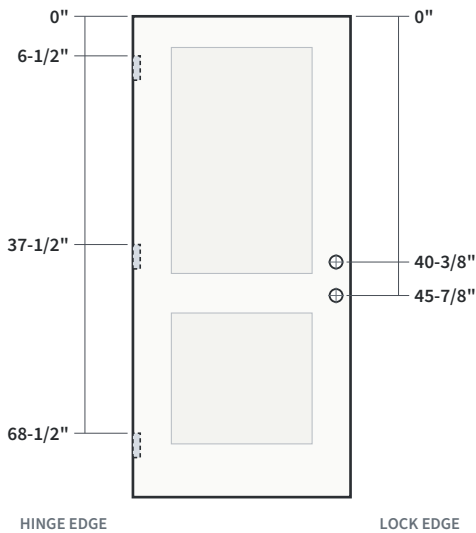


FIG. 4 LOCK EDGE DETAIL

Cutaway at the lock stile

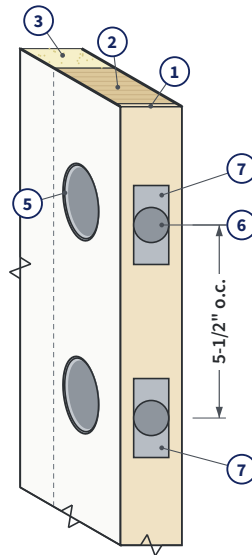
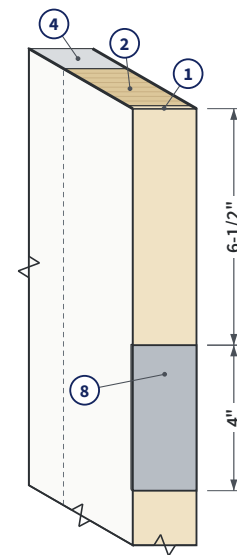


FIG. 5 HINGE EDGE DETAIL

Universal prep; top hinge shown, all three match



- ① Maple caps on both stiles
- ② 4" LSL (laminated strand lumber) lock and hinge stiles
- ③ Fire-resistant polyurethane foam core
- ④ Top and bottom rails
- ⑤ (2) 2-1/8" diameter face bores at 2-3/8" backset, 5-1/2" on center
- ⑥ (2) 1" edge bores for deadbolt and latch
- ⑦ Deadbolt and latch face prep: 1" x 2-1/4" x 5/32" deep, 1/4" radius corners
- ⑧ Hinge prep: 4" mortise, .100" deep, routed through the full edge with no screw holes; use listed hinges

HINGE PREP

Hinges	(3) 4" butt hinges, universal prep (no screw holes); 5/8" radius, 1/4" radius or square corners
Locations	6-1/2", 37-1/2", 68-1/2" from top of door to top of mortise

LOCK PREP

Bore centers	Deadbolt 40-3/8", latch 45-7/8" from top of door
Backset	2-3/8" standard; max 2-3/4" with listed hardware

FINISHING

Satin Smooth is paint grade. Clean and dry all surfaces, apply a bonding primer, then a premium exterior acrylic latex paint. **Finish all six sides**, including both edges, top and bottom, promptly after delivery. Very dark colors in direct sun are not recommended.

TRIMMING

Do not trim. Field cuts can void the 20-minute fire label as well as the warranty, and modified products cannot be returned. Order the correct size; the existing frame and clearances must suit a labeled fire door assembly. **Glass cutouts are not available** on fire-rated doors; a cutout voids the fire label.

PEASE DOORS 20-YEAR LIMITED WARRANTY

Covers the door slab against defects in material and workmanship that make the product unfit for normal use. Valid for products purchased and installed in the USA with original proof of purchase. Requires proper storage, finishing and installation. Not valid when installed behind a storm door.

Year	1	2-3	4-6	7	8	9	10	11-20
Coverage	100%	90%	80%	70%	60%	50%	40%	30%

Share of replacement cost covered, by year after purchase.
Full terms and claims: [peasedoors.com/pages/warranty](https://www.peasedoors.com/pages/warranty)