

FIBERGLASS ENTRY DOOR SLAB · CONTEMPORARY · PREMIUM BUILD

# Contemporary 16 Fiberglass Door

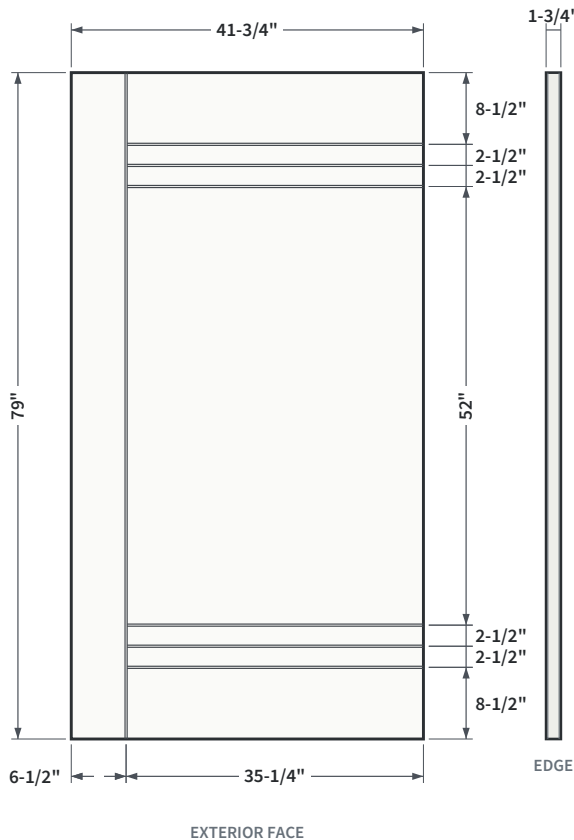
42" x 80" nominal (3/6 x 6/8) · Actual slab 41-3/4" x 79" x 1-3/4"

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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.



## FACE

|         |                                                                                                               |
|---------|---------------------------------------------------------------------------------------------------------------|
| Design  | One vertical groove 6-1/2" from the edge; triple horizontal grooves at 2-1/2" spacing near the top and bottom |
| Grooves | 1/4" wide in a flush skin; centerline dimensions on Fig. 1                                                    |

## DIMENSIONS

|              |                                                                                   |
|--------------|-----------------------------------------------------------------------------------|
| Nominal size | 42" x 80" (3/6 x 6/8)                                                             |
| Actual slab  | 41-3/4" W x 79" H x 1-3/4" thick                                                  |
| Grooves      | 1/4" wide; dimensions are to groove centerlines                                   |
| Prehung unit | About 43-1/2" x 81-3/4" (inswing or saddle sill), 43-1/2" x 80-3/4" (bumper sill) |

## CONSTRUCTION

|         |                                                                         |
|---------|-------------------------------------------------------------------------|
| Build   | Premium build                                                           |
| Stiles  | Full-length 4" LVL lock and hinge stiles, composite PVC edge cap        |
| Rails   | Composite top and bottom rails; bottom rail kerfed for a drive-in sweep |
| Core    | Foamed-in-place polyurethane, 2.2 lb/cu ft                              |
| Skins   | Compression-molded fiberglass                                           |
| Texture | White Satin Smooth (paint grade) or Tan Fine Grain woodgrain            |
| Edges   | Square edge; reversible for left- or right-hand swing                   |

## PERFORMANCE

|                 |                                         |
|-----------------|-----------------------------------------|
| U-factor / SHGC | 0.16 / 0.01 (NFRC 100 / 200)            |
| ENERGY STAR 7.0 | All U.S. climate zones                  |
| Design pressure | Inswing +65 / -70 psf; outswing ±65 psf |
| Impact rating   | Not impact rated                        |
| Fire rating     | Not fire rated                          |

Thermal: NFRC calculated ratings for an opaque premium-build fiberglass flush door. Design pressure per Florida Product Approval FL47925 (non-impact).

## STANDARD HARDWARE PREPARATION

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

**FIG. 2 LOCATIONS**

From top of door, exterior view

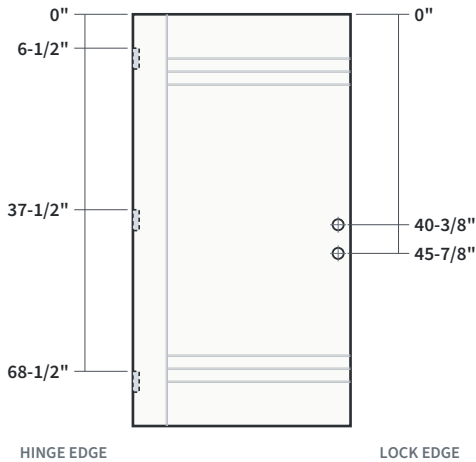


**FIG. 3 LOCK EDGE DETAIL**

Cutaway at the lock stile

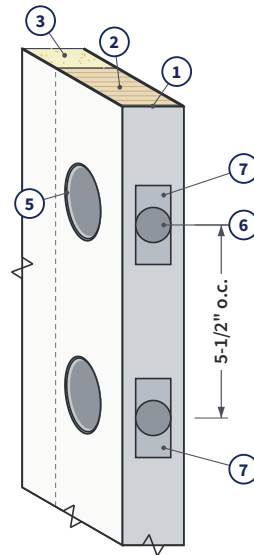


**FIG. 4 HINGE EDGE DETAIL**

Universal prep; top hinge shown, all three match



- ① Composite PVC edge cap on both stiles
- ② Full-length 4" LVL lock and hinge stiles; solid wood behind every bore, mortise and screw
- ③ Foamed-in-place polyurethane core, 2.2 lb/cu ft
- ④ Composite 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 Universal hinge prep: 4" mortise, .100" deep, routed through the full edge with no screw holes, so the slab hangs either hand

### 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; 2-3/4" on request               |

## FINISHING

**Satin Smooth:** bonding primer, then premium exterior acrylic latex paint. **Fine Grain woodgrain:** gel stain made for fiberglass, then a polyurethane topcoat with UV inhibitor (or paint over a bonding primer). **Finish all six sides** promptly after delivery. Avoid very dark colors in direct sun.

## TRIMMING

This door is not a trimmable model. If needed, it can be trimmed up to **1/2" off the bottom only**; seal the cut edge and, ideally, cover it with a U-style door sweep. **Do not trim the top or sides.** Trimming a door that is not sold as trimmable voids the warranty, and modified products cannot be returned.

## 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)