



HERITAGE FIBERGLASS DOOR SPECIFICATIONS

General:

Doors shall be pre-finished, pre-hung, new construction fiberglass entry doors as manufactured by ProVia Door, Inc. and complete with wood frames, wood brickmold, and adjustable, thermally broken threshold.

Door Construction:

Door slab shall be 1 3/4" thick and fabricated using two fiberglass reinforced engineered sheets (0.093" thick) structurally laminated over a solid oak perimeter frame providing a square edge design. The core of the door is foamed in place polyurethane chemically bonded to all interior surfaces. The door skins can be flush or embossed, with stainable, woodgrain texture. The lock face preparation shall be a 2 1/8" bore at a backset of 2 3/8" or 2 3/4" as ordered. Lock edge preparation shall be 1" x 2 1/4" mortise with rounded corners. Special composite reinforcements at lockset and dead bolt locations are required to prevent over tightening and deforming door slabs. The inner core of the door shall be foamed in place, with self-hardening polyurethane, chemically bonded to all inner surfaces of steel skins.

Finish:

The finish coat is a custom formulated, 2 part (1.2 mil thick) urethane paint oven cured to create a durable, smooth finish. Optional one or two color finish (one color inside and a different color outside) can be selected from 16 standard designer colors offered by ProVia Door. Optional stained wood grain in 7 stain colors is available.

Frame Construction:

Frame and brick mold to be primed, finger-jointed, high-grade radiata pine which is sealed against moisture utilizing PineGuard® Rot Resistant Finish, to fit standard 4 5/16" jamb depth. Optional jamb depth is available upon request.

Cladding:

Textured vinyl coated (0.019 thick) formed aluminum cladding for frame and brick mold available in 12 colors to create maintenance free exterior.

Weatherstripping:

Bottom sweep of high-quality thermal plastic rubber and a perimeter seal of foam filled compression weather-strip (Q-Lon).

Threshold:

Custom designed, heavy-duty extruded aluminum threshold with a 1 1/4" high, oak-look, adjustable, thermal barrier riser.

Glass:

Insulating glass comes standard at 1" thick. Glass with high performance Low-E argon or Krypton gas fill, with dust free internal grids, internal blinds, and decorative glass in various designs and sizes are available.

Hardware:

To be selected from a variety of top quality locking hardware, deadbolts, door knockers/viewers, peep-sites, pet doors, mail/magazine slots, closers, push/pull plates, etc.

Testing:

Doors have been tested and certified to NFRC(National Fenestration Rating Council) 100 and NFRC 200 guidelines enabling the ENERGY STAR Thermal Performance Qualification.

Heritage Fiberglass Door	Test Performed	Result
Impact Test	ASTM F476 Security Test	Maximum Security Level of 40
Wind Load Rating	ASTM E330-97 Transverse Wind Load Resistance	DP (Design Pressure) = 60 psf - Equivalent of 155 mph Wind Speed