



**Building Quality Doors**  
Since 1866

# MOLDED PANEL INTERIOR DOORS HOLLOW CORE

## Part 1: GENERAL

**1.1 Scope:** Subject to local building codes, this product is intended for use in:

- 1.1.1 Single family dwelling interior applications.
- 1.1.2 Multifamily dwelling interior applications.
- 1.1.3 Light commercial interior applications.

**1.2 Product Description:** 1-3/4" or 1-3/8" side-hinged door systems manufactured by STEVES DOORS.

1.2.1 Door system components include: door panel(s), bifold panel(s), door frame, and hinges.

## Part 2: BASIC MATERIALS

**2.1 Door Panel:** STEVES DOORS molded panel doors shall be manufactured using an assembly process that includes molded wood fiber facings, fiberwood or finger joint wood stiles and rails and a corrugated or foam build-up core. A water-based latex primer is used on the door facings, stiles and rails. The door facings are to be bonded (Type 2 glue is standard) to the stiles, rails and corrugated or foam build-up core which forms a 3-ply structural attachment.

2.1.1 The mounting surface for hinge hardware shall be fiberwood stiles or finger joint wood. Hinge preparation is as follows: 1-3/8" thick doors are to be machined for 3-1/2" standard weight radius hinges and 1-3/4" thick doors are to be machined to accept 4" standard weight radius hinges. Reinforcement for the latch hardware shall be 3" x 7-1/2" particle board lock blocks. Face bore(s) for cylindrical lock and deadbolt are to be 2-1/8" diameter at 2-3/4" or 2-3/8" backset.

2.1.2 Edge preparation of the vertical stiles is to be specified at time of ordering: square or beveled both sides.

**2.2 Bifold Panel:** Steves Doors molded panel bifolds shall be manufactured using an assembly process that includes molded wood fiber facings on both sides, finger joint wood stiles and rails and a corrugated or foam build-up core. The door facings are to be bonded (Type 2 glue is standard) to the stiles, rails and corrugated or foam build-up core which forms a 3-ply structural attachment.

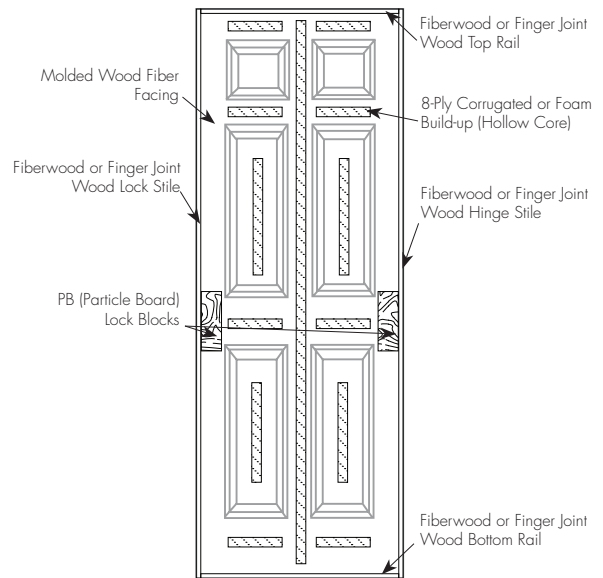
**2.3 Door Frame:** Wood jambs shall be either a flat jamb with the doorstop applied or a 2-piece split jamb. For 1-3/8" thick doors, the hinge jamb shall be mortised for 3-1/2" standard weight radius hinges and for 1-3/4" thick doors jambs are to be mortised to accept 4" standard weight radius hinges. Strike jamb preparations are to be machined for full lip cylindrical strike plate. Double door units shall include preparations for a ball catch located at the top of door on both door panels and is designed to latch into the head jamb.

**2.4 Hinges:** (3) standard weight radius hinges are required on doors 7'0" height or smaller. (4) standard weight radius hinges are required on doors greater than 7'6".

## Part 3: DELIVERY, STORAGE & HANDLING

**3.1 Delivery:** Care shall be exercised during shipping and handling of the product to prevent damage.

**3.2 Storage & Protection:** Once doors have left the factory, every possible effort should be made to hold moisture changes to a minimum during the process of shipping, storing and installation. Doors should either be stored flat on a level surface or vertically on the



bottom edge. Storage area should be clean, dry and well ventilated. After delivery to the building site, the doors must be protected from the weather. They should not be stored in freshly plastered or cemented areas. Doors should never be stored outdoors; but if outdoor storage is unavoidable, they should be protected with a waterproof cover and piled at least 12 inches from the ground with free ventilation all around.

## Part 4: EXECUTION

**4.1 Examination:** Verify that the site conditions are acceptable for the product to be installed per the manufacturer's specifications. Door frame openings are to be plumb, true and level; verify before beginning installation. Fasteners used are to be of the type, number and quality to meet the requirements of the application.

**4.2 Installation:** Protective packaging shall be removed prior to installation. Installer shall be experienced in the type of work required for proper door installation and follow manufacturer's product information, including product installation instructions and technical data sheets.

**4.3 Finishes:** See Steves Doors Finishing Instructions for complete finishing details. Immediately after fitting and before hanging any interior door on the job, the entire door, including the top and bottom edges, must receive an application of a primer and two coats of a good grade of paint, varnish or lacquer. Adequate drying time must be allowed between coats. For job-site finishing, do not use a water-thinned paint unless an oil base prime coat is first applied. All coated surfaces should have inspections at least once a year to ensure that door components are not exposed. Reseal as needed.

## Part 5: GENERAL PERFORMANCE

**5.1 Acoustical Performance:** 1-3/8" thick molded panel doors with corrugated cell core have a sound transmission class (STC) rating of 25. (See acoustical performance data sheet for other interior door units.)

## Part 6: WARRANTY

**6.1 Limited 5-Year -** Warranty terms and conditions are available at [www.stevesdoors.com](http://www.stevesdoors.com).