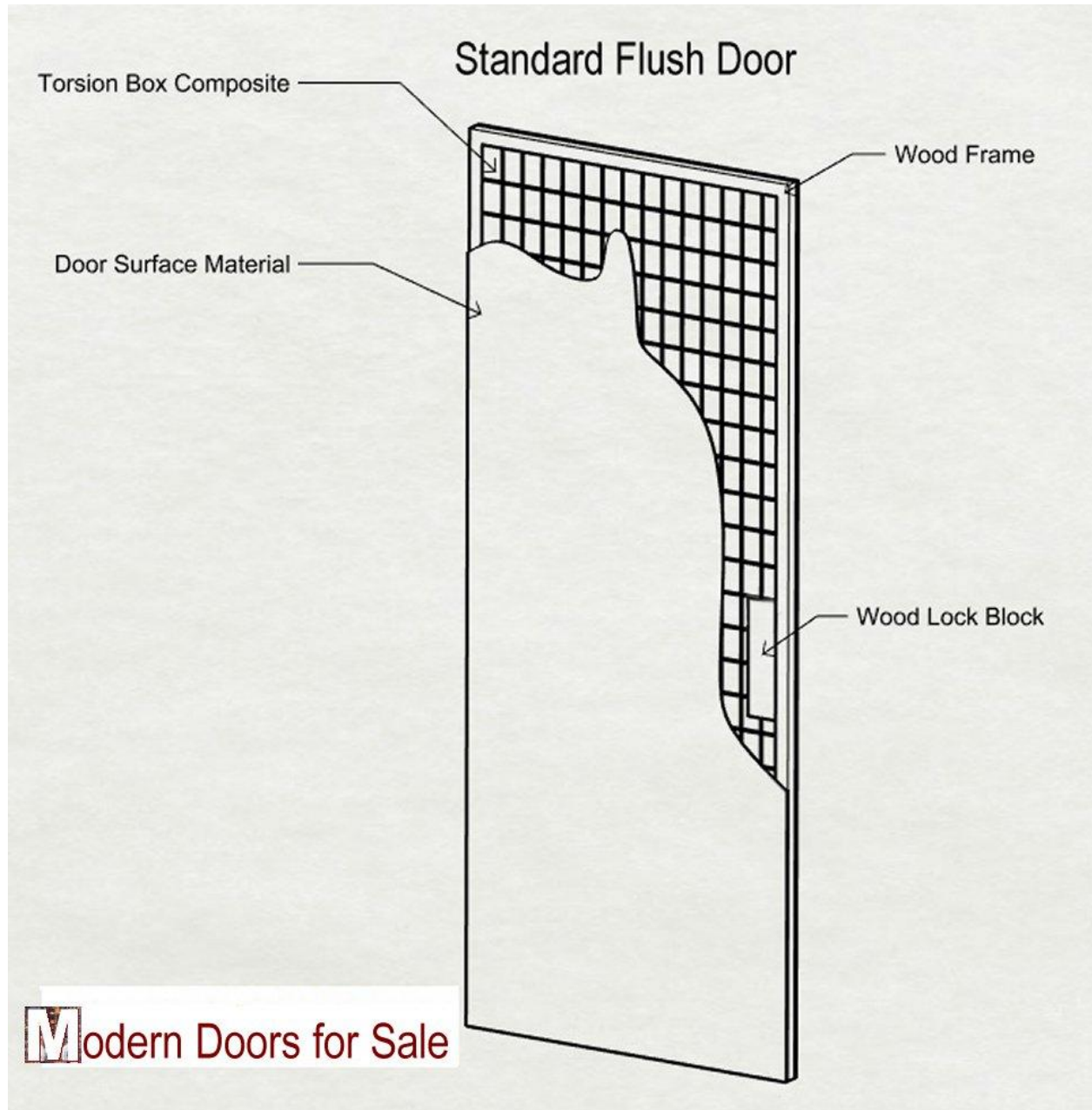


Standard Pre-hung Flush Door

General Specifications



Standard Modern pre-hung doors are manufactured with patented Sing Core material as the base interior substrate of the door. The Sing Core substrate material is created using a vertical grain natural wood torsion box design while the traditionally empty voids are filled wall to wall with recycled foam. The standard foam material is recycled rigid EPS foam. A 10 inch natural wood lock block is positioned centered at 37 inches for door knob and locking mechanism placement. The core material is wood framed by 1.5 inch natural wood for finishing strength and attaching hardware. The torsion box is completed by adhering an exterior surface

material (skin) in your choice of marine grade plywood, fiberglass (FRP) or aluminum. Bonding agent used in adhesion of the entire composite material is formaldehyde-free.

Standard Modern Pre-hung Doors include frame perfectly suited for the door of your choice and ready to hang. Specify either 2×4 or 2×6 wall thickness to determine frame size for door installation.

Every Sing Core manufactured door is finished to specifications and guaranteed for 10 years for structural integrity.

Detailed Specifications:

Scope: Subject to local building codes, the standard Sing Core door is intended for use in:

- Single family dwelling interior applications
- Multifamily dwelling, low-rise professional office, library and low-rise motel interior applications
- Lighter use industrial building and factory, hotel and retail sales building interior applications

Product Description: 1.5" or 2.25" side-hinged door panel manufactured by Sing Core with frame, pre-hung.

- Door component includes paint-grade door panel and frame for 2×4 or 2×6 wall installation

Door Panel Materials: Modern doors are manufactured using Eco-friendly cold-press process. Composite materials include:

- Sing Core vertical wood-grain torsion substrate filled with recycled EPS foam
- Core material is framed with wood stiles and rails
- Facings are your choice of marine grade plywood (1/4 inch), 0.09 fiberglass (FRP) or aluminum (.62).
- Formaldehyde-free bonding agent is used for adhesion of all components

Interior Blocking: Solid wood implant is inserted for door knob and/lock block hard points.

Pre-hung Includes:

- Preassembling of jamb and threshold
- Mortised and attached hinges
- 3° bevel on lock side
- Door is fit and installed into the jamb

Delivery: Reasonable care is taken to ensure safe transportation of your Modern door from factory to door shop for finishing and pick-up or deliver to your location.

Storage and Protection: Store your Modern door in an upright position and allow to acclimate to room temperature following shipment receipt or prior to finishing or installation.

Preparation: Per manufacturer's specifications, ensure that door frame openings are constructed plumb, true and level prior to installation. Select fasteners of adequate type, number and quality to assure proper function.

Installation: Installer shall be specialized in the installation of the type of work that is associated with the project and will comply with manufacturer's installation policies and procedures to ensure proper end use.

- Verify that hinging and latching assemblies operate freely and correctly

Finishing: The standard finishing and sealing of the Sing Core pre-hung standard door includes Marine grade plywood is paint grade, fiberglass in pre-primed, and aluminum is untreated. Additional finishing options include your specifications at additional charge.

Machining: Modern Core doors are easy to work with in the millwork shop for CNC machining or on-site for finishing, sawing, sanding, cutting and fastening. No specialized skills or equipment is necessary, other than standard woodworking tools. Treat Sing Core doors just like you would any other standard door blank.

Strength Performance: Patented Sing Core has an unsurpassed strength as compared to other lightweight substrate materials tested at 660 PSI (based on 2" x 2" grids and 3/4" thick) for superior structural integrity and is resistant to warp, twist and crack when **compared to other materials**.

Light Weight Performance: Sing Core weighs much less than other traditional building materials, as much as 50% less; or more, as little as 4 lbs. per sq. ft. yet sustainable and true green technology.

Insulation Performance: Standard Sing Core doors feature built-in insulation value with an R3 rating per inch.

Acoustical Performance: Sing Core standard doors have a natural sound-deadening quality for noise control. Standard sound transmission class (STC) is 30.

Eco-friendly: Sing Core is manufactured using natural wood fibers, no formaldehyde, or toxic chemicals, is created using less energy than any other core material with little or no waste. The structure of Sing Core is 100% renewable (nature-grown) clean fiber and/or recycled material.

Warranty: Sing Core manufactured doors are structurally guaranteed for 10 years under normal conditions.

Door Specifications		
Door Size	Actual Unit Size	Rough Opening Size
32" x 80"	33-3/4" x 81-1/2"	34-1/4" x 82"
34" x 80"	35-3/4" x 81-1/2"	36-1/4" x 82"
36" x 80"	37-3/4" x 81-1/2"	38-1/4" x 82"

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