



# *Molded Panel Doors*



# Molded Panel Doors

## HOLLOW CORE CONSTRUCTION



### Molded Panel Hollow Core

- **Specifications:** 3 Ply construction. Meets or exceeds industry standards of WDMA I.S.1.
- **Lay Up Method:** Loose
- **Maximum Sizes:** Width - 3/0; Length - 8/0 \*Certain styles only\*
- **Thickness:** 1-3/8" and 1-3/4" ONLY
- **Stiles:** MDF on only 1-3/8" Thickness & 6/8 Length; FJ Softwood option on 1-3/8" and 1-3/4" Thickness, to 8/0 length; Width = 1" Nominal, 13/16" Minimum after prefit size.
- **Rails:** 1-3/8" Thickness = MDF, 1-5/8" Nominal, 1" Minimum after undercut  
1-3/4" Thickness = MDF, 2-1/4" Nominal, 1" Minimum after undercut  
2" Nominal Bottom rail available on 1-3/8 Thickness (DBR)
- **Core:** Cellular Honeycomb build up pads.
- **Lock Blocks:** Double 3" x 10" Particleboard (28lb) as standard.
- **Faces:** Primed MDF Molded Panel, Single ply
- **Adhesive:** Type-1 PVA, Interior installation only.
- **Machining:** To Specification
- **Lites:** N/A
- **Louvers:** N/A
- **Acoustical Rating:** N/A
- **Warranty:** Standard two year. See limited warranty for details.  
\*No warranty for Telegraphing\*
- **Description Abbreviations:** (FP-1-3/8) = 1-3/8" Thick, MDF Stiles; (FJ-1-3/8) = 1-3/8" Thick, FJ Softwood Stiles; (FJ-1-3/4) = 1-3/4" Thick, FJ Softwood Stiles
- **Recommended Use:** Residential and Light Commercial

*\*See molded skin selection guide for all panel elevation designs.*

## PARTICLEBOARD CORE CONSTRUCTION



### Molded Panel "Economy" Particleboard Core

- **Specifications:** 3 Ply construction. Meets or exceeds industry standards of WDMA I.S.1.
- **Lay Up Method:** Loose
- **Maximum Sizes:** Width - 3/0  
Length - 8/0 \*Certain styles only\*
- **Thickness:** 1-3/8" and 1-3/4" ONLY
- **Stiles:** FJ Softwood; Width = 1" Nominal, 13/16" Minimum after prefit size.
- **Rails:** 1-3/8" Thickness = MDF, 1-5/8" Nominal, 1" Minimum after undercut  
1-3/4" Thickness = MDF, 2-1/4" Nominal, 1" Minimum after undercut
- **Core:** 28-30lb Particleboard, ANSI A208.1 Grade LD-1, Profiled
- **Fire Rating:** 1-3/4" Thickness 20 Minute Rated\*\*
- **Faces:** Primed MDF Molded Panel, Single ply
- **Adhesive:** Type-1 PVA, Interior installation only.
- **Machining:** To Specification
- **Lites:** N/A
- **Louvers:** N/A
- **Acoustical Rating:** 33 STC Inoperable
- **Warranty:** Standard two year. See limited warranty for details.
- **Description Abbreviations:** E-1-3/8 = 1-3/8" Thick PBC Molded Panel  
E-20NL = 1-3/4" Thick PBC Molded Panel ( Non-rated)  
E-20B = 1-3/4" Thick PBC Molded Panel, 20 Minute Category B  
E-20A = 1-3/4" Thick PBC Molded Panel, 20 Minute Category A
- **Recommended Use:** Residential and Light Commercial

*\* See molded skin selection guide for all panel elevation designs.*

*\*\*See fire door specifications section in catalogue for details on sizes, hardware and construction limitations.*

# Molded Panel Doors

## MINERAL CORE CONSTRUCTION

### Molded Panel Mineral Core

- **Specifications:** 3 Ply construction. Meets or exceeds industry standards of WDMA I.S.1 Testing Standards ASTM-E-152, CSFM 43.7, CAN4-S104, NFPA-252, UBC-7-2-97, UL10C
- **Lay Up Method:** Bond and Sand
- **Maximum Sizes:** Width - 3/0  
Length - 7/0
- **Thickness:** 1-3/4" ONLY
- **Stiles:** Laminated Composite to wood (Georgia Pacific), Specific to rating\*
- **Rails:** Laminated Composite to wood (Georgia Pacific), Specific to rating\*  
Width = 1" Minimum
- **Core:** Gypsum Mineral
- **Fire Rating:** 45-60 Minute Rated\*
- **Faces:** Primed Molded Panel Single Ply
- **Adhesive:** Type-1 PVA, Interior installation only.
- **Machining:** To Specification
- **Lites:** N/A
- **Louvers:** N/A
- **Temp Rise:** 30 Minutes 250 Degrees maximum.
- **Acoustical Rating:** 29 STC Operable See [www.dooramerica.com](http://www.dooramerica.com) for seal information
- **Warranty:** Standard Two year. See limited warranty for details.
- **Description Abbreviations:** MC-45B = Mineral Core 45 Minute, Category B  
MC-45A = Mineral Core 45 Minute, Category A  
MC-60B = Mineral Core 60 Minute, Category B  
MC-60A = Mineral Core 60 Minute, Category A
- **Recommended Use:** Light Commercial

\*See fire door specifications section in catalogue for details on sizes, hardware and construction limitations.

Maximum Sizes	PP Cat-B	PP Cat-A
Single Swing	3/0 X 7/0	3/0 X 7/0
3 Point Reg. Pair	6/0 X 7/0	6/0 X 7/0
4 Point Reg. Pair	6/0 X 7/0	6/0 X 7/0



# Molded Panel Designs

## SMOOTH SURFACE PANEL DESIGNS



Ovolo Sticking Profile



Cove & Bead Sticking Profile



Patented INP Sticking

*\*Consult factory for design availability.*



PRIN-22 • Princeton Smooth  
Cove & Bead Sticking



CBG-22 • Cambridge Smooth  
Ovolo Sticking



CON-22 • Continental Smooth  
Ovolo Sticking



ROCK-55 • Rockport Smooth  
Modified Cove & Bead Sticking



SF-22 • SanteFe Smooth  
Ovolo Sticking



COLSM-66 • Colonist Smooth  
Patented INP Sticking

# Molded Panel Doors

## SMOOTH SURFACE PANEL DESIGNS



CAIMAN-22 • Caiman Smooth  
Patented INP Sticking



CARR-22 • Carrara Smooth  
Patented INP Sticking



CONV-44 • Coventry Smooth  
Patented INP Sticking



Patented INP Sticking

## TEXTURED SURFACE PANEL DESIGN



AV-33 • Avalon Textured  
Cove & Bead Sticking



COLON-66 • Colonist Textured  
Cove & Bead Sticking



CAM-22 • Camden Textured  
Cove & Bead Sticking



Cove & Bead Sticking Profile

*\*Consult factory for design availability.*



# Bifolding Doors



## Bifolding Doors

- **Specifications:** Bifolding doors are available in the following door types. Hollow Core Flush, Hollow Core Molded Panel, Molded Panel Economy Particleboard Core, Flush Economy Particleboard Core, Flush Standard Particleboard Core
- **Maximum Sizes:** See Specific Door Type.
- **Thickness:** See Specific Door Type.
- **Stiles:** See Specific Door Type.
- **Rails:** 1-5/8" Wood on 1-3/8" Thickness; 2-1/4" Wood on 1-3/4" Thickness.
- **Core:** See Specific Door Type.
- **Lock Blocks:** See Specific Door Type.
- **Faces:** See Specific Door Type.
- **Adhesive:** Type-1 PVA, Interior installation only.
- **Machining:** N/A
- **Lites:** N/A
- **Louvers:** N/A
- **Acoustical Rating:** N/A
- **Warranty:** Standard two year. See limited warranty for details. ( See Specific Door Type)
- **Description Abbreviations:** See Specific Door Type.
- **Recommended Use:** Residential and Light Commercial
- **Standard Duty Hardware:** Hinges - Edge Mount window hinge; Standard Duty Track & Hardware.
- **Heavy Duty Hardware:** Hinges - Full mortise 3.5" radius corner; Heavy Duty Track & Hardware.