

Flush Doors

MINERAL CORE CONSTRUCTION

Flush Mineral Core Construction is a bonded and sanded gypsum core with either light commercial veneers, plastic laminate, or 2 ply wood veneers with laminated fire composite stiles and rails. Filling any fire rated requirements on any architectural or light commercial project.



Flush Mineral Core 45-60-90

- Specifications : 3,5 Ply construction. Meets or exceeds industry standards of WDMA I.S.1-A, WI Section 12, AWI Section 1300. 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 - 4/0 Length - Depends on faces (See faces below for available length)
- Thickness : 1-3/4" Only
- Stiles : Laminated Composite to wood (Georgia Pacific), Specific to rating* Edge banding veneer or plastic when matching edges required
- Rails : Laminated Composite to wood (Georgia Pacific), Specific to rating* Width = 1" Minimum
- Core : Gypsum Mineral
- Fire Rating : 45-60-90 Minute Rated*
- Faces Light Commercial : RN Birch 2 Ply, MDF Back, 1/64" Face Veneer, 8/0 Max length. PS Red Oak 2 Ply, MDF Back, 1/64" Face Veneer, 8/0 Max length. Raw MDF Single Ply, 10/0 Max length Primed MDF Single Ply, 10/0 Max length Embossed Primed MDF Single Ply, 8/0 Max length Embossed Prefinished MDF (Legacy) Single Ply, 8/0 Max length
- Faces Architectural : Primed MDO 2 Ply HDF Back, 10/0 Max length Select Species Raw & Prefinished 2 Ply, 1/42" Face, 10/0 Max length Plastic Laminate 2 Ply, 1/50" Face, 10/0 Max length. All laminates meet or exceed NEMA standards.
- Adhesive : Type-1 PVA, Interior installation only.
- Machining : To Specification
- Lites : To Specification
- Louvers : To Specification
- Temp Rise : 30 Minutes 250 Degrees maximum.
- Acoustical Rating : 30 STC Operable - See www.doormerica for seal information
- Warranty : Lifetime. See limited warranty for details.
- Description Abreviations : MC-45NP = Mineral Core 45 Minute, Neutral Pressure MC-45B = Mineral Core 45 Minute, Category B MC-45A = Mineral Core 45 Minute, Category A MC-60NP = Mineral Core 60 Minute, Neutral Pressure MC-60B = Mineral Core 60 Minute, Category B MC-60A = Mineral Core 60 Minute, Category A MC-90NP = Mineral Core 90 Minute, Neutral Pressure MC-90B = Mineral Core 90 Minute, Category B MC-90A = Mineral Core 90 Minute, Category A
- Recommended Use : Architectural, Light Commercial

Maximum Sizes	NP	PP Cat-B	PP Cat-A
Single Swing	4/0 X 10/0	4/0 X 9/0	4/0 X 9/0
2 Point Reg. Pair	8/0 X 9/0	8/0 X 9/0	8/0 X 9/0
3 Point Reg. Pair	8/0 X 9/0	8/0 X 9/0	8/0 X 9/0
4 Point Reg. Pair	8/0 X 9/0	8/0 X 9/0	8/0 X 9/0
2 & 4 Point Reg. CVR Pair	8/0 X 9/0	8/0 X 9/0	8/0 X 9/0
2 Point DE Pair	8/0 X 9/0	8/0 X 8/0	8/0 X 8/0
4 Point DE Pair	8/0 X 9/0	8/0 X 8/0	8/0 X 8/0
2 & 4 Point DE CVR Pair	N/A	8/0 X 8/0	8/0 X 8/0
Door & Transom Single	4/0 X 10/0	4/0 X 9/0	4/0 X 9/0
Transom Panel	4/0 X 3/4	4/0 X 3/4	4/0 X 3/4
Dutch Door Single	4/0 X 8/0	N/A	N/A
Dutch Door Pair	N/A	N/A	N/A

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