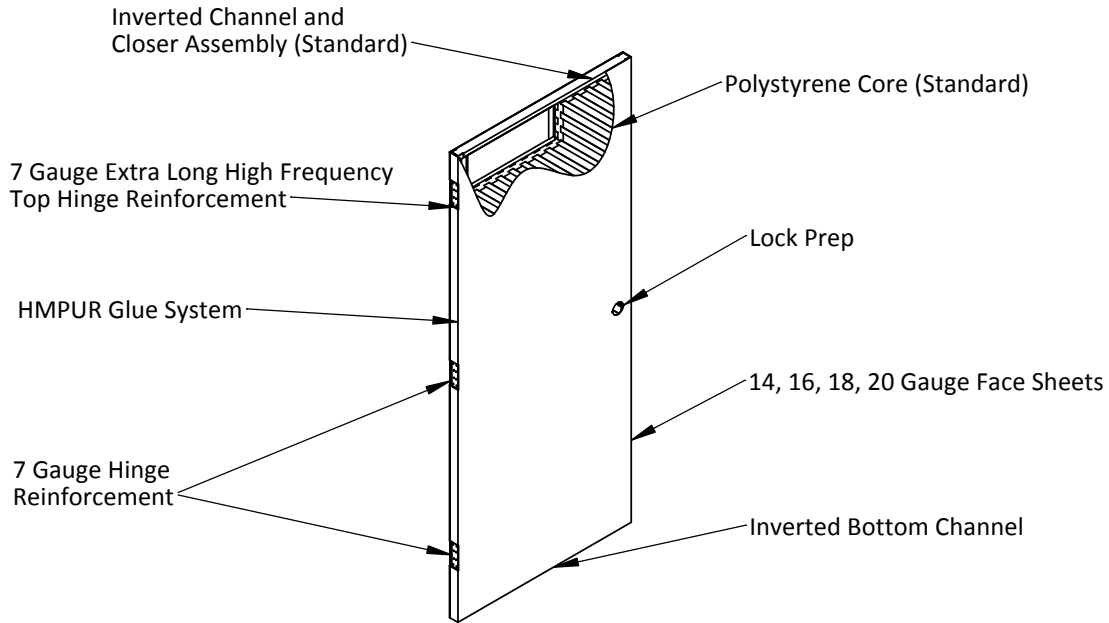


NP - STANDARD SERIES FLUSH DOOR



DOOR CONSTRUCTION

14, 16, 18, 20 gauge, cold-rolled, gavannealed, or galvanized G90 steel face sheets to be securely bonded to the core. Doors shall have hemmed vertical edge seams, mechanically interlocked for maximum structural integrity. Optional seamless (NVS) (Patented Technology) edge available upon request. Top and bottom of doors shall be closed and reinforced with an inverted continuous channel and welded to both faces. Optional flush top available upon request. Square edge standard. Optional beveled lock edge (BV-1) or beveled hinge and lock edge (BV-2). See beveled detail pages D-27 and D-28.

CORE CONSTRUCTION

Standard core material to be expanded polystyrene core. Optional cores: Honeycomb, Polyurethane, Fiberboard.

HARDWARE

All doors are furnished with 7 gauge steel hinge reinforcements with three projection welds on each end. Extra long high frequency top hinge reinforcement provides additional welds for added strength and extra protection against sagging. Doors have a factory installed 14 gauge box type closer reinforcement securely welded to top channel. Doors shall be mortised and adequately reinforced for all hardware. Required mortise hardware reinforcements shall be drilled and tapped at the factory. Surface applied hardware shall be field drilled by others. Lockset preparation shall provide for field installation of locksets manufactured in accordance with ANSI A156.115 mortise or cylindrical (bored) locks. Additional hardware preparations available.

FINISH

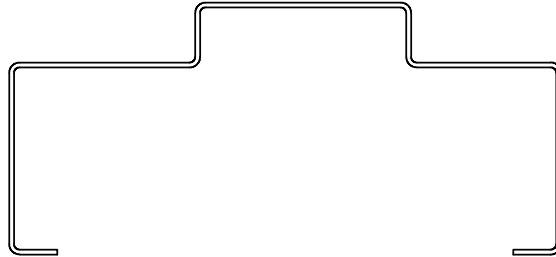
Exposed door surfaces to be cleaned, treated, and coated with rust inhibitive primer. Color painted doors receive a durable, electrostatic, baked on finish. Water- based primer and color paint finishes are free of Hazardous Air Pollutants (HAPS) and Volatile Organic Compounds (VOCS).

COMPLIANCE

As the oldest member of the Steel Door Institute, all Mesker Door units comply with ANSI A 250.8 (R2008). Hardware preparations comply with ANSI A 250.6. Primer and color compliant with ANSI A250.10 and ANSI A250.3. Fire labeling in accordance with NFPA-8015 FM (standard), WHI (Intertek), Underwriters Laboratories, and FM Global. For a complete list of product compliance per ANSI/ASTM test methods, please consult pages G-11 through G-14.



MESKER[™]
The newest innovations in hollow metal from the
oldest hollow metal door company in America

F SERIES**Frame Construction**

12, 14, or 16 gauge, cold-rolled, galvanized, or galvanized G90 steel to be break-formed to the design specifications required. (See pages F-3 TO F-9 for sizes and profiles available). Frames shall be furnished knocked-down or welded, ground smooth upon request. Mitered corners shall have a strong, secure, four tab interlocking system to maintain neat mitered joints and corners. Standard frame to have 1/2" returns; standard stop heights to be 5/8" high. Soffit dimensions can vary. Frames can be single or double rabbeted. Frames will be supplied with welded on sill anchors. (Note: Bending tabs in on the jamb rabbets will increase door opening dimension).

Installation & Applications

Frames to be installed in accordance with ANSI A250.11-2001. Standard series frames to be used in a number of applications including masonry, wood stud and steel stud construction.

Hardware Reinforcements

Frames to be furnished with 4-1/2" or 5" standard or heavy weight 7 gauge steel hinge reinforcements and shall be adequately reinforced for all hardware. Standard arm or parallel closer reinforcements available upon request.

Strike and hinge reinforcements shall be protected by mortar guards. Single frames shall be prepared to receive (3) rubber mutes.

Finish

Exposed frame surfaces to be cleaned and treated then coated with rust inhibitive primer. Color painted frames to receive a durable, flow coated, baked on finish. Water-based primer and color paint finishes to be free of Hazardous Air Pollutants (HAPS) and Volatile Organic Compounds (VOCs).

Compliance

All Mesker frame components comply with ANSI A250.8(R2008). Fire labeling in accordance NFPA and available in FM (standard), WHI (Intertek) and Underwriters Laboratories. For a complete list of product compliance per ANSI/ASTM test methods, consult the labeling section.



F SERIES
PROFILES - DOUBLE RABBET AND CASSED OPENING

