

**ENGINEERING DETAILS for STANDARD
SERIES F-12 FRAMES
For 1- 3/4” Doors**

Specifications

1. Frames shall be manufactured of 12 gage Hot Rolled Steel per ASTM A 1008, 568 & 569.
2. Corners shall be arc-welded and ground smooth, and frames shall be provided with steel bottom spreader.
3. Heads shall be reinforced for surface applied closers, holders, or brackets when required.
4. Dual purpose hinge reinforcements shall be 3/16” thick. It comes equipped with galvanneal back-up filler plate for standard weight hinges. Conversion from standard weight to heavy weight hinges is done by removing the filler plate. All reinforcements for hinges and strikes shall have steel-plaster guards.
5. All frames shall be prepared to receive G.J.64 type door silencers; three for single frame and two for pair frame. (Silencers by others)
6. Frames are available with appropriate anchors as required to suit wall conditions. Frames shall have floor clips at bottom of all jambs for attachment to finished floor.
7. Heads of pair frames shall be prepared to receive mortised flush bolt strike as required.
8. Frames shall be prime painted by Pioneer’s exclusive “DURA-BOND” process, consisting of a wash, phosphate treatment, “flo-coat” painting and oven baking in compliance with ANSI A250.10-2004
9. Frames shall be furnished with WHI or UL Positive and Negative Pressure rated listing mark (label) as required. Frames must be installed per NFPA 80 and Pioneer’s Installation Instruction.
10. Frame construction complies with ANSI A 250.8-2003 (SDI -100)
11. Hardware preparations and reinforcements comply with ANSI A250.6-2003. Locations are in accordance with ANSI/BHMA A156.115-2006

