

PART I – GENERAL**WORK SPECIFIED HEREIN**

- All labor, materials, equipment and services necessary to furnish and install all interior prefinished hollow metal door frames as indicated or specified. **This is a Required Vendor.**

SUBMITTAL

- Unless otherwise noted, the contractor shall prepare all shop drawings, product literature, etc. only as required to properly coordinate and construct the project.
- Review of submittals by the Professional of Record is limited to specific shop drawings as called for in the Project Manual.

QUALITY ASSURANCE

All frames are to be in compliance with ASTM A568 and ASTM A366.

PRODUCT DELIVERY, STORAGE AND HANDLING

Upon delivery to the job, store frames in manufacturer prepared packaging and in a vertical position - covered to prevent moisture damage and damage from ongoing construction activities.

SUPPLIER

Per a Required Vendor Agreement, all material in this section shall be purchased by the General Contractor from National Vendor, see drawing A0.1.

PART II – PRODUCTS

- Provide (KD) knock down frames.
- Frames to be roll-form or break frames to standard profiles as shown or indicated and shall be constructed from 1.2 mm (18 gauge) cold rolled steel for all door installation conditions.
- Frames shall be provided at all gypsum board door openings and at window openings as indicated on documents or otherwise shown.
- Frames shall be prefinished factory applied polyester paint - color to be black.
- Prepare frames for die formed, heat treated clips to assure tight casing fit. Clips to be mechanically fastened to assure a secure and proper aligned installation.
- Provide oval alignment slots to allow visual alignment of the frame in the rough opening. Slots to allow for insertion of tool to move frame on the wall to avoid damage to wall finish.
- All frames to have 1.9 mm (14 gauge) hinge reinforcement plates applied to the frame and strikes for 70 mm (2-3/4") 'T' strike, or as required, see hardware schedule section 08700. Provide standard field applied reinforcement (i.e. TA-10 and/or TA-12 as applicable reinforcement bracket for door closers) for all surface mounted hardware as required. Verify locations where reinforcement must be applied prior to installation of frame over the wall.

- Provide frames with UL labels as required or as indicated.
- Provide 0.72 mm (22 gauge) prefinished steel at all window installation conditions. Frames shall be full bound and sized to match as indicated on documents or otherwise shown.
- Provide three door silencers per door.

PART III – EXECUTION**INSTALLATION**

- Prior to installation, examine all openings to verify proper rough opening dimensions, **wall thickness**, blocking or other requirements to assure proper performance. Frames to be installed **over finished walls** and anchored through the faces into the structure in compliance with manufacturer's requirements.
- Use a pre-fit template door or actual door for the opening to assure alignment and clearance. Doors and glass is to be pre-fit according to frame manufacturer's requirements.
- Anchor with drywall screws for frames at all locations. The recommended fastener is 32 mm (1-1/4") bugle head drywall screws.
- Verify all hardware requirements for each opening to provide proper reinforcement, preparation and anchorage for adequate performance and long life.
- Align all parts with proper clearance to assure proper fit, tight miters and desired performance.

INSPECTION

- Installer must examine substrates and conditions under which prefinished steel frames are to be installed and notify the contractor in writing of any conditions detrimental to proper and timely completion of work.
- Do not proceed with work until unsatisfactory conditions have been corrected in a manner acceptable to installer.
- Inspect each opening for proper operation, correct hardware, general appearance upon completion.

WARRANTY

Provide a minimum of one-year warranty from date of installation.

END OF SECTION

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