

Suggested Specifications Door Opening Assemblies

Part 1 General

A. Work Included

1. Furnish prefinished, extruded aluminum door frames, including sidelight and borrowed light configurations for interior use.

B. Related Items Specified Elsewhere

1. Glass and Glazing
Section _____
2. Finish Hardware
Section _____
3. Painting
Section _____

C. Quality Assurance

1. Frames shall be manufactured by a company regularly engaged in the manufacture of aluminum door frames and shall meet AAMA 603.7-1976 standards.

D. Submittals

1. Provide complete shop drawings of all door opening assemblies, indicating size, swing, finish, fire rating and construction.
2. Provide details of all accessories to be provided by manufacturer.
3. Provide elevation and section details of all door frames.
4. Provide manufacturer's standard samples for frame finish selection.

E. Handling

1. Handle all frames with care to prevent damage.
2. Keep frames in original packaging until installation.
3. Store all materials flat on a level surface, protected from moisture and extremes of temperature.

F. Guarantee

1. Guarantee interior aluminum frames to be free of defect for period of one year from the date of the initial delivery, if properly protected, installed and maintained within the terms and

exclusions of the manufacturer's warranty.

Part 2 - Products Frame Systems

A. Acceptable Manufacturer

Versatrac; Houston, TX
1(800) 395-2014

B. Materials

1. All frames shall be extruded aluminum, of alloy 6063-T5, and of 0.062" minimum thickness.
2. Frames shall accommodate 3 3/4" or 4 7/8" walls (specify one).
3. Frames shall be quick-mount type, with extruded attached stud segments (for unfinished walls); or basic type, including separate, full-length aluminum studs (for prefinished walls), as specified
4. Frames shall be removable or relocatable.
5. Frames shall have all installation fasteners concealed when installed.

C. Finish

1. All frames shall be prefinished in Satin Metallic Bronze, Satin Black, or White thermosetting polymer acrylic, or Natural Clear Anodized finish, unless custom color or anodized finish is specified.

D. Construction

1. Frames shall have hinge and strike reinforcements of 0.125" extruded aluminum of alloy 6063-T5.

E. Hardware Preparation

1. Frames shall be prepared for 4 7/8" ASA strike plate, or 2 3/4" ASA strike plate, dead bolt strike or jamb-mounted electrical strike if specified.
2. Frames up to nine feet in height

shall be prepared for three 4 1/2" x 4" ASA hinges. Preparations for fourth hinge optional.

3. Frames over nine feet in height shall be prepared for four 4 1/2" x 4" ASA hinges.
4. Frames shall be prepared for jamb-mounted closer reinforcement, if specified.

F. Door Stops

1. Frames shall be furnished with snap-on stops, with continuous mohair sound seal around entire frame perimeter. Vinyl sound seal optional, at additional cost.

G. Fire-Rated Frame Labels

1. 20 minute Warnock-Hersey labels shall be provided for all scheduled fire-rated frames.
2. Frames with 90 minute labels also available.

Part 3 - Execution

A. Preparation

1. Provide enough wall openings to accommodate door opening assemblies as per manufacturer's instructions.

B. Installation

1. Door opening assemblies shall be plumb, square and installed in the proper rough openings.
2. Manufacturer's recommended installation instructions shall be followed.
3. Provide 1/8" clearance at hinge stile, 1/8" at lock stile, plus top and bottom clearance as specified. Bottom clearance on fire-rated doors shall not exceed NFPA 80 standard of 3/4".
4. Ensure that doors open and swing properly.

C. Cleaning

1. Door opening assemblies shall be cleaned with general, non abrasive cleaners suitable for painted surfaces. Wipe the surfaces with a soft, dry cloth.

Materials and Resources

LEED CREDIT	LEED CRITERIA	ALUMINUM FRAMES
3.1	Use salvaged, refurbished or reused materials such that the sum of these materials constitutes at least 5%, based on cost, of the total value of materials on the project.	Yes. Versatrac frames are knockdown and are 100% reuseable.
3.2	Use salvaged, refurbished or reused materials for an additional 5% beyond MR Credit 3.1 (10%) total, based on cost).	Yes. Versatrac frames are knockdown and are 100% reuseable.
4.1	Recycled Content: 10% (post-consumer + 1/2 pre-consumer)	Yes. Composed of 30% post-consumer, 48% post-industrial, 22% primary
4.2	Recycled Content: 20% (post-consumer + 1/2 pre-consumer)	Yes. Composed of 30% post-consumer, 48% post-industrial, 22% primary
5.1	Regional Materials: 10% extracted, processed and manufactured regionally	Yes. If project is within 500 miles of Wylie, Texas or Houston, Texas
5.2	Regional Materials: 20% extracted, processed and manufactured regionally	Yes. If project is within 500 miles of Wylie, Texas or Houston, Texas