



1. Product Name

Prefinished Steel Door Frames

2. Manufacturer

Timely Industries, Inc.
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3. Product Description

Timely Industries manufactures prefinished steel door frames for interior and exterior openings on commercial, residential and institutional projects.

Engineered for 1 3/8" (35 mm) and 1 3/4" (44 mm) thick doors, Timely frames are 18 or 20 gauge steel construction, anchored 11" (279 mm) o.c., offering fixed, adjustable and kerfed frame options. Unequal rabbet, equal rabbet, single rabbet and cased opening frames are available. The frames slip over a finished wall and are anchored around the full perimeter of the frame. Fasteners are covered by a snap-on casing held securely by heat treated spring clips.

Timely Industries offers a selection of standard and custom colors and a choice of 6 casings; optional wood casings can be supplied by other trades.

BASIC USE

Timely Prefinished Frames combine with doors supplied from major manufacturers, pre-machined to Timely Industries' specifications for hinges, hardware, clearances and beveling. The frame, door and finish hardware form a prefinished opening system that arrives at the jobsite ready for installation.

In addition to prefinished door opening systems, configurations include sidelights, transoms, borrowed lights, access door frames and pocket door trim.

TYPES

- Single Swing
- Pair Door

- Cased Opening
- Double Acting
- Communicating
- Dutch
- Pocket Trim
- Sidelights
- Borrowed Lights
- Transom

COMPOSITION & MATERIALS

Frame sections

- Standard exterior - Commercial quality cold-rolled steel conforming to A366; 1.2 mm (18 gauge); 0.9 mm (20 gauge) thick
- Standard interior - Commercial quality cold-rolled steel conforming to A366; 1.2 mm (18 gauge); 0.9 mm (20 gauge) thick
- Optional interior and exterior - Electro-Galvanized steel to ASTM A879

Casings

- Prefinished standard steel - Commercial quality cold-rolled steel conforming to ASTM A366; 0.8 mm (22 gauge) with 1/4" (6 mm) reveal; steel, stainless steel or brass frame; with corner alignment clips
- Prefinished colonial steel - Commercial quality cold-rolled steel conforming to ASTM A366; 0.8 mm (22 gauge) with 1/4" (6 mm) reveal; steel, stainless steel or brass frame; with corner alignment clips
- Electro-Galvanized steel to ASTM A871
- Aluminum extrusions, Type 6063T3, prefinished or clear anodized with a 1/4" (6 mm) reveal or full face with corner alignment screws

- Cellular PVC is available in one profile only; with corner alignment screws
- Hinge reinforcements - 14 gauge galvanized steel with extruded screw bosses for thread capture equivalent to or greater than 7 gauge steel

SIZES

Timely frames accommodate 1 3/8" (25 mm) or 1 3/4" (44 mm) thick doors and doors to 500 lb (227 kg). The frame throat accommodates walls from 2 1/4" - 13" (57 - 330 mm) thick.

COLORS & FINISHES

Standard Colors:

- Alumatone
- Autumn Brown
- Black
- Browntone
- Primer Electro-Galvanized
- Stone Grey
- Western White

Custom Colors:

- 29 prematched designer finishes
- Color matching to almost all colors
- Polished stainless steel
- Brushed stainless steel
- Polished brass

Finishes

- Standard frames are factory-finished using coil steel, prepainted with a baked-on polyester paint system, assuring superior performance and appearance. Durability of paint allows frames to be roll formed with paint applied.



- Electrostatically-applied paint is available for small quantities of non-standard colors
- Adjustable frames finished with powder coat paint system for added durability
- Primed frames for field painting available with 2-coat polyurethane or optional applied primer over galvanized steel base

BENEFITS

- Factory finished to eliminate jobsite frame painting costs
- Frames are machined for hardware and ready to install with door and associated hardware
- Durable and impact resistant
- Frame is securely attached on 11" centers at both sides of the wall for superior door holding capability
- Versatile and flexible to fit a wide range of wall sizes and conditions
- Includes punched holes and snap-on casing for easy installation
- Patented sustained clip system secures trim to wall for true and tight miters
- Standard and custom colors, as well as color matching, for design flexibility
- Fire-rated up to 90 minutes

LIMITATIONS

For warranty purposes, exterior frames and frames used in bathrooms, coastal locations or any other exposure to unusual moisture or corrosion must be specified galvanized.

4. Technical Data

APPLICABLE STANDARDS

ASTM International

- ASTM A366 Standard Specification for Commercial Steel (CS) Sheet, Carbon (0.15

Maximum Percent) Cold-Rolled

- ASTM A871 Standard Specification for High-Strength Low-Alloy Structural Steel Plate With Atmospheric Corrosion Resistance
- ASTM A879 Standard Specification for Steel Sheet, Zinc Coated by the Electrolytic Process for Applications Requiring Designation of the Coating Mass on Each Surface
- ASTM A1008M Standard Specification for Steel, Sheet, Cold-Rolled, Carbon, Structural, High-Strength Low-Alloy, High-Strength Low-Alloy with Improved Formability, Solution Hardened, and Bake Hardenable
- ASTM B117 Standard Practice for Operating Salt Spray (Fog) Apparatus
- ASTM B455 Standard Specification for Copper-Zinc-Lead Alloy (Leaded-Brass) Extruded Shapes
- ASTM D523 Standard Test Method for Specular Gloss
- ASTM D659 Method of Evaluating Degree of Chalking of Exterior Paints
- ASTM D714 Standard Test Method for Evaluating Degree of Blistering of Paints
- ASTM D822 Standard Practice for Filtered Open-Flame Carbon-Arc Exposures of Paint and Related Coatings
- ASTM D1654 Standard Test Method for Evaluation of Painted or Coated Specimens Subjected to Corrosive Environments
- ASTM D2197 Standard Test Method for Adhesion of Organic Coatings by Scrape Adhesion
- ASTM D2244 Standard Practice for Calculation of Color Tolerances and Color Differences from Instrumentally Measured Color Coordinates
- ASTM D2247 Standard Practice for Testing Water Resistance of Coatings in 100% Relative Humidity

National Fire Protection Association (NFPA)

- NFPA 80 Standard for Fire Doors and Other Opening Protectives
- NFPA 101 Life Safety Code

Underwriters Laboratories

- UL 10B Fire Tests of Door Assemblies
- UL 10C Positive Pressure Fire Tests of Door Assemblies

PHYSICAL/TECHNICAL PROPERTIES

Steel Surfaces

- Cold-rolled steel - Treated prior to prefinishing
- Stainless Steel - Type 304
- Stainless Steel - Type 430, polished



Brass Sheet

- To ASTM B455

Prefinishing

- Specular gloss, ASTM D523 - 60 degrees
- Chalking, ASTM D659 - None
- Color change, ASTM D2244 - None
- Blistering, ASTM D714 - None
- Humidity less than 5%, ASTM D2247 - #8 size blisters
- Salt spray, ASTM D1654 - No opening or rusting
- Weatherometer, ASTM D822 - Non-deterioration of film
- Flexibility, ASTM D2197 - No cracking

PERFORMANCE

Warnock Hersey labeled fire door frames are of a type tested in accordance with NFPA 80, NFPA 101, UL 10B and UL 10C for up to 90 minute rated assemblies. A physical label is affixed to prefinished frames as evidence. Primed frames are available with an embossed label, if desired.

5. INSTALLATION

PREPARATORY WORK

Timely Frames arrive in individual cartons for field assembly. All packaging material is recyclable.

Store in dry, well-ventilated space until openings are completed and ready for frame installation. Verify rough opening dimension, as provided on submittals furnished by frame suppliers. Confirm wall surface flatness tolerances, wall thickness and readiness for frame anchoring to wall.





METHODS

Timely Prefinished Frames are to be installed by craftsmen familiar with the installation of prefinished opening systems. Whenever possible, install frame using the prefinished door as the template to ensure proper alignment, margins and operating performance. Door, frame and hardware installed together require only one material delivery to each opening.

BUILDING CODES

Installation must comply with requirements of all applicable local, state and federal code jurisdictions.

6. Availability & Cost

AVAILABILITY

Timely Prefinished Frames are manufactured in Pacoima, CA and are distributed through a nationwide group of distributors. Many distributors also have tools to fabricate special sizes and configurations.

Frames are available for international distribution to Mexico, Canada, Central America, Europe and Asia.

COST

Consult the manufacturer at (800) 247-6242 for pricing information.

7. Warranty

Timely Prefinished Steel door frames are warranted for a period of one year from date of installation. See detailed warranty information in the technical manual. Warranty is limited to refund of purchase price or replacement of defective material and does not include

labor for removal of defective material or installation of replacement material. Consult the manufacturer or visit the www.timelyframes.com website for warranty details.

8. Maintenance

Other than routine cleaning and touch-up painting after normal wear and tear, Timely Prefinished Frames require very little maintenance.

9. Technical Services

Detailed product information, including technical assistance, detailed information, product literature, test results, as well as door frame and hardware specification, application and installation, is available from staff in the Timely factory in Pacoima, CA: (800) 247-6242.

10. Filing Systems

- SmartBuilding Index (SBI)
- MANU-SPEC®
- Additional product information is available from the manufacturer upon request.