REDIFRAME
Door Frames

1. Product Name
Prefinished Steel Frames for Interior and Exterior Doors

2. Manufacturer
Rediframe Door Frames
a Division of Dunbarton Door & Entry Systems
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3. Product Description

BASIC USE

Rediframe is a factory prefinished steel door frame delivered to the project in boxes for field assembly. Factory standard die-cut mitered steel casing is provided with the frames. Optional 2 1/4" (57 mm) aluminum casings or S56 Colonial steel is available. Frames can be ordered so that wood (supplied by others) trim can be installed. 18 and 20 gage frame profiles are roll formed or press broken to standard Rediframe and custom profiles. They are available in standard or kerf profiles and are suitable for interior and exterior openings. Rediframe is designed for commercial door frame openings, such as hotels, offices, assisted living and public housing, as well as light commercial and residential frame openings in multifamily housing and single family dwellings.

Double rabbet, single rabbet and cased opening jamb profiles are standard; frames can be manufactured to fit specified wall thicknesses from 2 5/8" - 13" (67 - 330 mm).

Rediframes are installed by sleeving the frame over the finish and placing screws through the face of the frame; then the casing is snapped in place to conceal the fasteners.

COMPOSITION & MATERIALS

- Frame members - Formed from commercial quality cold rolled steel to ASTM A366 or galvanized (A40) steel to ASTM A653

Harris McHaney Realtors, Rogers, AR

- Trim members - Formed from commercial quality cold rolled steel to ASTM A366 or galvanized (A40) steel to ASTM A653
- 18 and 20 gage frames - Prepared for 1 3/8" or 1 3/4" (35 or 44 mm) doors
- Hinge reinforcements - 10 gage or equivalent number of threads
- Lock strike - 14 gage or equivalent number of threads per SDI-107

TYPES

Conventional Rediframe types:
- Single swing
- Pair door
- Cased opening
- Communicating
- Dutch

Specialty Rediframes:
- Borrowed lites
- Sidelites
- Pocket
- Transom

HARDWARE PREPARATION

Hardware locations are per Rediframe standard locations with custom locations available.
- Frames for 1 3/4" (44 mm) door frames are embossed for standard template butt hinges from 4 "x 4" (102 x 102 mm) to 4" x 5" (102 x 127 mm). 1 3/4" (44 mm) frames are embossed for adjustable 4 7/8" (124 mm) ASA universal strike (patented) or for 2 3/4" (70 mm) adjustable T strike. Deadbolt and other special hardware preps are available
- Frames for 1 3/8" (35 mm) doors are embossed for 3 1/2" x 1/4" (89 x 6.4 mm) or 3 1/2" x 5/8" (89 x 15.9 mm) radius standard weight template hinges and 2 3/4" (70 mm) cylindrical lock strike
- 4" x 5/8" (102 x 15.9 mm) radius universal hinge is available for insulated steel entry doors with non-template or template hole patterns

COLORS, FINISHES

Finish paint or prime paint is baked-on enamel electrostatically applied over chemically treated, cold rolled or galvanized steel. Dry film thickness is ± 1.0 mil (0.025 mm). Prime finish is a suitable base for field painting.

Standard colors:
- Rediframe Brown
- Bright White
- Ivory
- Prime Grey

Premium colors:
- Mojave Brown
- Light Grey
- Tan
- Black
- Alusteel

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LIMITATIONS

Rediframe's responsibility does not include glass, glazing, installation of frames or protection of items furnished. Doors, accessories and builders' hardware are provided by others.

4. Technical Data

APPLICABLE STANDARDS

American National Standards Institute (ANSI)

- ANSI 115.1 Specifications for Steel Door and Frame Preparation for Hardware
- ANSI A224.1 Accelerated Physical Endurance Test Procedure for Steel Doors, Frames and Frame Anchors
- ANSI A250.5 Accelerated Physical Endurance Test Procedure for Steel Doors, Frames and Frame Anchors

ASTM International

- ASTM A366 Standard Specification for Commercial Steel (CS) Sheet, Carbon (0.15 Maximum Percent) Cold-Rolled
- ASTM A653/A653M Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process
- ASTM B117 Standard Practice for Operating Salt Spray (Fog) Apparatus
- ASTM D1735 Standard Practice for Testing Water Resistance of Coatings Using Water Fog Apparatus
- ASTM D3363 Standard Test Method for Film Hardness by Pencil Test

National Fire Protection Association (NFPA)

- NFPA 80 Fire Doors and Windows

Steel Door Institute (SDI) - SDI-107 Hardware on Steel Doors (Reinforcement - Application)

Underwriters Laboratories, Inc. (UL)

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

Underwriters' Laboratories of Canada Ltd. (ULC) - CAN 4-S104 Fire Tests of Door Assemblies

PERFORMANCE

- 18 and 20 gage Rediframes are of a type that has been tested for physical endurance in accordance with ANSI A250.5 for a Level A duration of 1,000,000 cycles
- Finish paint conforms to criteria set forth by ANSI A224.1, which includes conformance to ASTM humidity, impact, film adhesion and salt spray tests

FIRE RATINGS

All Warnock Hersey labeled fire door frames are of a type that has been tested in accordance with CAN 4-S104, CSFM 43.7, UL 10B and UL 10C for up to 90 minute rated assemblies. An embossed or physical label is affixed to the frame as evidence the frame assembly was manufactured in accordance with specific Warnock Hersey procedures.

5. Installation

PREPARATORY WORK

Store in a dry, well-ventilated shelter or building at a habitable constant temperature prior to installation.

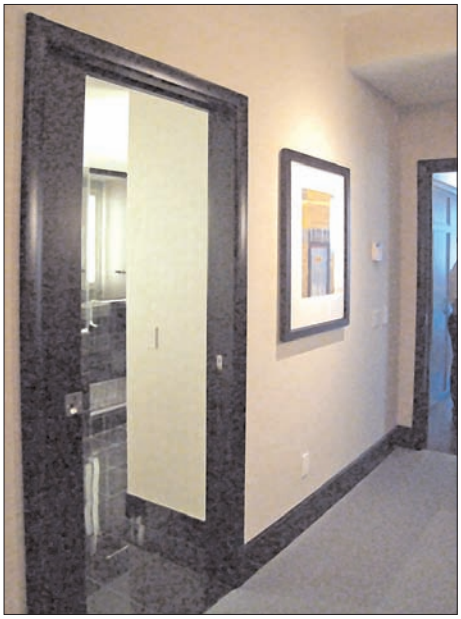
METHODS

Rediframes must be installed by installers that have passed the Rediframe online certified installer course. Trained installers' names shall be listed on the Rediframe website.

6. Availability & Cost

AVAILABILITY

Conventional and specialty frames are manufactured in Dothan, AL. They are marketed through a nationwide network of distributors, and can be quickly fabricated and shipped throughout the U.S. from the factory or by a local Rediframe distributor. A network of factory approved MOD shops is available throughout the United States.



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7. Warranty

Rediframe Door Frames warrants to the original consumer that its Rediframe Prefinished Steel Door Frame will be free from defects in material and workmanship for a period of 1 year from the date of purchase. Product must be installed in accordance with the recommended written installation instructions of Rediframe Door Frames with established building practices. At the option of Rediframe Door Frames, the defective product will be repaired, or replaced, or the purchase price refunded. Liability is limited to repair, replacement or refund and does not include labor, installation costs or indirect damages of any nature. See actual warranty for complete details of coverage.

8. Maintenance

Little or no maintenance is required beyond simple, routine cleaning. All coatings are designed for long wear and chip resistance.

9. Technical Services

Technical services are managed by Dunbarton Door and Entry Systems, Rediframe Door Frames, at its headquarters in Dothan, AL.

10. Filing Systems

- Reed First Source®
- MANU-SPEC®
- Additional product information is available from the manufacturer.

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