



1. Product Name

Prefinished Steel Knocked Down Door Frames for Interior and Exterior Doors

2. Manufacturer

IDP Inc.
21300 W. 8 Mile Rd.
Southfield, MI 48075
248-352-0101
www.idpincorporated.com
info@idpincorporated.com

3. Product Description

BASIC USE

IDP Entry-Fit™ is a factory prefinished steel door frame delivered to the project in boxes for field assembly. Factory standard die-cut mitered metal casing is provided with the frames.

IDP Entry-Fit™ Frames can be ordered so that wood trim (supplied by others) can be installed. 18 gage frame profiles are formed with press brakes to standard IDP Entry-Fit™ and custom profiles.

They are available in standard or kerf profiles and are suitable for interior and exterior openings. IDP Entry-Fit™ frames are designed for commercial door openings, such as hotels, offices, assisted living and public housing, as well as light commercial and residential door openings in multi-family 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). Thicker wall sizes are available special order.

IDP Entry-Fit™ Frames are installed by sleeving the frame over the finished wall 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 galvanized steel to ASTM A653/A653M.

- Trim members – Formed from galvanized steel to ASTM A653/A653M
- 18 gage frames – Prepared for 1 3/8" or 1 3/4" (35 or 44 mm) doors
- Hinge reinforcements – 4 1/2" hinge 10 gage, 3 1/2" and 4" 11 gage
- Lock strike reinforcement – 11 gage

Conventional IDP Entry-Fit™ types:

- Single swing
- Pair door
- Cased opening
- Communicating
- Dutch
- Pocket

Specialty IDP Entry-Fit™ Frames:

- Borrowed lites
- Sidelites
- Transom
- Combined Transom Sidelite

IDP Entry-Fit™ Frame Profiles:

- F-Series Entry-Fit™ Fixed Throat Frames-Double Rabbet
- KF- Entry-Fit™ Kerf Fixed Throat Frames-Double Rabbet
- NK2A- Series Entry-Fit™ Adjustable Throat Frames-Double Rabbet
- K2A-Series Entry-Fit™ Kerf Adjustable Frames-Single Rabbet

HARDWARE PREPARATION

Hardware locations are per IDP Entry-Fit™ standard locations with custom locations available.

- Frames for 1 3/4" (44 mm) door frames are machined and reinforced for standard butt hinges from 4" x 4" (102 x 102 mm) to 4 1/2" x 4 1/2" (114 x 114 mm). 1 3/4" (44 mm) frames are machined and reinforced for 4 7/8" (124 mm) ASA universal strike 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 machined and reinforced 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 hinge is available for insulated steel entry doors with non-template hole patterns

FINISHES

Finish paint or prime paint is electro statically applied powder coat over chemically treated, galvanized steel. Dry film thickness is 3.0 + mil . Finish painted surface is suitable base for field

painting. With proper prep or can be used as finish coat.

Standard colors:

- IDP Brown
- White
- Black

Premium colors:

- Sky White
- Light Grey
- Alumasteel
- Mesa Tan

LIMITATIONS

IDP Inc. responsibility does not include glass, glazing, installation of frames or protection of items furnished. Doors, accessories and builder's 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)

- 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

- Finish paint conforms to criteria set forth by ANSI A225.1, 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. A physical mylar 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

IDP Entry-Fit™ must be installed following per IDP, Inc. instructions as posted on its website.

6. Availability & Cost

AVAILABILITY

Conventional and specialty frames are manufactured In Southfield, MI. They can be quickly fabricated and shipped throughout the U.S. from the factory.

7. Warranty

IDP Inc warrants to the original consumer that its IDP Entry-Fit™ Pre-finished 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 IDP Entry-Fit™ Door Frames with established building practices. At the option of IDP Inc., 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 IDP Inc, at its

headquarters in Southfield, MI.

10. Filing Systems

Additional supporting data is on file and available from the manufacturer