

SDI Technical Publications

Listed here, and on the following page, are the current Technical Publications available from the Steel Door Institute.

All documents in this list are part of the **SDI Fact File**.

Free downloads of these documents are available from SDI's Website:

<http://www.steeldoor.org/html/tech.html>

SDI 106-99

Recommended Standard Door Type Nomenclature

This document contains standard door type nomenclature ranging from flush (Type F) to Dutch doors (Type D). The use of the standard nomenclature contained in the document will greatly simplify architectural drawing takeoff process and will do much to avoid confusion and errors which result from misinterpretation of these details.

SDI 108-04

Recommended Selection and Usage Guide For Standard Steel Doors

This document was developed to establish guide criteria for the selection and usage of standard steel doors in such building types as apartment, dormitory, hotel/motel, hospital/nursing home, industrial, office and school.

SDI 109-04

Hardware For Standard Steel Doors And Frames

This document contains a listing of hardware from various hardware manufacturers that is compatible for use on standard steel doors and frames. It covers various types of locks, exit devices, closers, holders, hinges, roller latches, flush bolts, and electric strikes.

SDI 110-84 (R2000)

Standard Steel Doors And Frames For Modular Masonry Construction

This document contains information in respect to, as the title indicates, the installation of standard steel doors and frames in modular masonry construction. The basic module covered in the document as developed by the industry is 4".

SDI 111-00

Recommended Selection and Usage Guide for Standard Steel Doors, Frames and Accessories (A through H):

SDI 111-A

Recommended Standard Steel Door Frame Details

Covers recommended steel door frame details as they are affected by common wall conditions.

SDI 111-B

Recommended Standard Details For Dutch Doors

Standard dimensions for dutch doors.

SDI 111-C

Recommended Louver Details For Standard Steel Doors

This document discusses, explains and details a variety of louver designs and size available for standard steel doors.

SDI 111-D

Recommended Door, Frame And Hardware Schedule For Standard Steel Doors And Frames

Contains a suggested door, frame and hardware schedule form and defines "handing".

SDI 111-E

Recommended Guidelines For The Use Of Gasketing And Thresholds For Standard Steel Doors And Frames

Contains details which represent the recommendations of the SDI in respect to weather-stripping of standard steel doors and frames.

SDI 111-F

Recommended Existing Wall Anchors For Standard Steel Doors And Frames

A guide for architects to aid them in recognizing available options to the traditional sub buck detail which has been widely used in the past. It illustrates anchoring systems which are available in regular and labeled frames.

SDI 111-G

Recommended Standard Preparation For Double Type (Interconnected) Locks On Standard Steel Doors And Frames

Dimensions for standard door and frame preparation for double type (interconnected) locks.

SDI 111-H

High Frequency Hinge Preparations For Frames

Specifications for steel frames used in extremely high frequency or high use areas which need to be supplied with additional reinforcing to eliminate potential door sag.

SDI 112-97

Zinc-Coated (Galvanized/Galvannealed) Standard Steel Doors And Frames

This document provides information regarding the galvanized sheet used in standard steel door and frame construction when a requirement for galvanized doors and frames is specified.

SDI 113-01

Standard Practice For Determining The Steady State Thermal Transmittance Of Steel Door And Frame Assemblies

This document establishes a minimum standard and a method of test for thermal effectiveness of steel door and frame assemblies under circumstances that might reasonably be considered normal field applications and conditions.

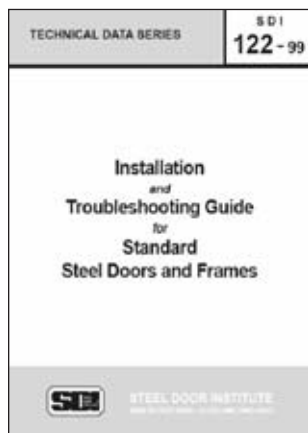
SDI 117-00

Manufacturing Tolerances Standard Steel Doors And Frames

This document is intended to furnish users and prospective users of standard steel doors and frames with practical information regarding mortise and manufacturing tolerances for both doors and frames.

SDI 118-02***Basic Fire Door Requirements***

This document contains rules and other information in a condensed simplified manner in respect to code requirements for the design and use of fire doors.

**SDI 122-99*****Installation And Troubleshooting Guide For Standard Steel Doors And Frames***

This document covers field installation problems most commonly experienced with standard steel door and frame installations. Most problems encountered are because of inappropriate application of the products and/or improper installation.

SDI 124-98***Maintenance Of Standard Steel Doors And Frames***

This document is intended to serve as a general outline of maintenance activities needed for hollow metal doors and frames.

SDI 127 Series – Industry Alerts (A through J):**SDI 127A-99*****End Closure Location***

Industry Alerts - End Closure

SDI 127B-99***Door Edge Cutouts***

Industry Alerts - Door Edge Cutouts

SDI 127C-99***Frame Cutout Limits***

Industry Alerts - Frame Cutout Limits

SDI 127D-99***Electric Strikes In Stud Walls***

Industry Alerts - Electric Strikes in Stud Walls

SDI 127E-01***Prime Painted Materials Alert***

Industry Alerts - Prime Painted Materials Alert

SDI 127F-02***Butted Frames Rough Opening Sizes***

Industry Alerts - Butted Frames Rough Opening Sizes

SDI 127G-02***Environmental Considerations Relating To Factory Painted Steel Doors And Frames***

Industry Alerts - Environmental Considerations Relating to Factory Painted Steel Doors and Frames

SDI 127H-02***Water Penetration***

Industry Alerts - Water Penetration

SDI 127I-04***Grouting Frames In Drywall***

Industry Alerts - Grouting Frames in Drywall

SDI 127J-04***Bituminous Back-Coating Of Frames***

Industry Alerts - Bituminous Back-Coating of Frames

SDI 128-97***Guidelines For Acoustical Performance Of Standard Steel Doors And Frames***

This document shall provide guidelines for the specifying, designing, installing, and adjusting of standard steel doors and frames in Sound Control applications.

SDI 129-04***Hinge And Strike Spacing***

A reference of standard locations used in the manufacture of steel door and frames by SDI member companies for a variety of door sizes.

SDI 130-05***Electronic Hinge Preparations***

Practical information regarding an acceptable method for preparing frames for 4-1/2" electric hinges. This document will allow frame manufacturers to provide frames prior to having knowledge of the specific electric hinge being used.

SDI 131-04***Accelerated Physical Endurance Test Procedure for Steel Doors, Frames and Frame Anchors***

This test procedure provides manufacturers with a method of quickly testing the performance of doors.

Drywall Slip-On Frames

This document illustrates step by step how to install drywall frames in less than 10 minutes. It also lists the many advantages of drywall slip-on frames.

HMMA Technical Publications

Listed here, and on the following page are the current Technical Publications available from the Hollow Metal Manufacturers Association, a Division of the National Association of Architectural Metal Manufacturers.

Free downloads of these documents are available from the HMMA/NAAMM Website:

<http://www.naamm.org/hmma/literature.php>

HMMA 800-96

Introduction To Custom Hollow Metal

It is the purpose of this manual to provide authoritative and unbiased technical information regarding the manufacture, design and use of custom hollow metal doors and frames.

ANSI/NAAMM HMMA 801-05

Glossary Of Terms For Hollow Metal Doors And Frames

Defines commonly used terms in connection with Hollow Metal Work as they specifically apply to hollow metal doors and frames. These terms may be defined differently by other industries.

HMMA 802-07

Manufacturing Of Hollow Metal Doors And Frames

This publication details the types of steel materials used and fabrication processes, including shearing, blanking, brake forming, limitations of break forming, welding and painting.

HMMA 803-97

Steel Tables

Values of minimum steel thicknesses taken from the Underwriters Laboratories, Inc. publication for gage number and equivalent thickness are shown. ASTM and ANSI do not list gage numbers in their standards which was the standard of referral prior to 1970.

HMMA 810-87

Hollow Metal Doors

This document reviews basic sizes, types, designs and construction of hollow metal doors.

HMMA 820-87

Hollow Metal Frames

This document details various elevation types, profiles, assembly and anchoring of Knock-Down (KD) and welded 3-sided and multiple opening hollow metal frames.

HMMA 830-02

Hardware Selection For Hollow Metal Doors And Frames

This publication is intended to acquaint the reader with commonly used door hardware that provides both aesthetic appeal and durable function.

HMMA 831-97

Hardware Locations For Hollow Metal Doors and Frames

Recommended locations for hardware on Custom Hollow Metal doors differ from those established for Standard Hollow Metal doors principally with respect to hinges, knobs and strikes.

HMMA 840-99

Guide Specifications For Installation And Storage of Hollow Metal Doors And Frames

A comprehensive review of the delivery, receiving, on-site storage and installation of Knock-Down (KD) and welded hollow metal frames and hanging of hollow metal doors .

HMMA 850-00

Fire Rated Hollow Metal Doors And Frames

Data on current practices within the industry are presented with emphasis on the requirements of the National Fire Protection Association (NFPA) and Model Codes. Fire testing, listing, labeling and certification services are thoroughly covered.



HMMA 860-92
Guide Specifications For Hollow Metal Doors And Frames

A CSI format specification intended as a guideline for the development of, and editing of job specifications for the application of specific job requirements related to Apartment Buildings, Dormitories, Military Barracks and Motels.

HMMA 861-06
Guide Specifications For Commercial Hollow Metal Doors And Frames

A CSI format specification intended as a guideline for the development of, and editing of job specifications for the application of specific job requirements related to Schools, Hospitals, Industrial Buildings, Office Buildings, Hotels, Nursing Homes, Airports and Convention Centers.

ANSI/NAAMM HMMA 862-03
Guide Specifications For Commercial Security Hollow Metal Doors And Frames

A CSI format specification intended as a guideline for the development of, and editing of job specifications for the application of specific job requirements related to Exterior Doors to Schools, Warehouses, Industrial Buildings or Strip Stores.

ANSI/NAAMM HMMA 863-04
Guide Specifications For Detention Security Hollow Metal Doors And Frames

A CSI format specification intended as a guideline for the development of, and editing of job specifications for the application of specific job requirements related to Jails, Prisons, Detention Centers and Secured Areas in Hospitals or Courthouses.

ANSI/NAAMM HMMA 865-03
Guide Specifications For Swinging Sound Control Hollow Metal Doors And Frames

A CSI format specification intended as a guideline for the development of, and editing of job specifications for the application of specific job requirements related to Television, Radio, Recording and Sound Studios, Theaters and Music Rooms.

ANSI/NAAMM HMMA 866-01
Guide Specifications For Stainless Steel Hollow Metal Doors And Frames

A CSI format specification intended as a guideline for the development of, and editing of job specifications for the application of specific job requirements related to the use of Type 304 or 316 Stainless Steel for highly corrosive, moderately corrosive or aesthetic applications.

ANSI/NAAMM HMMA 867-06
Guide Specifications For Commercial Laminated Core Hollow Metal Doors And Frames

This specification presents the 2004 CSI Format (for the new CSI location for hollow metal doors and frame products) Master Format 2004 Section 08 11 13 and is intended as a guideline for the development of, and editing of job specifications for the application of specific job requirements related to commercial, laminated core, steel doors, and appropriate frame products

A250.3-2007

Test Procedure And Acceptance Criteria For – Factory Applied Finish Coatings For Steel Doors And Frames

Prescribes the procedure to be followed in the selection of material, chemical preparation, painting, testing, and evaluation of factory applied finish painted steel surfaces for steel doors and frames.

A250.4-2001

Test Procedures And Accepted Criteria For – Physical Endurance For Steel Doors, Frames, Frame Anchors And Hardware Reinforcing

A standard method of testing the performance of a steel door mounted in a pressed steel or channel iron frame under condition that might be considered an accelerated field operating conditions.

A250.6-2003

Recommended Practice For Hardware Reinforcing On Standard Steel Doors And Frames

Provides users of standard steel doors and frames with practical information regarding accepted design methods for reinforcing, and recommended practices for proper field preparation and installation of builders hardware.

A250.7-1997 (R-2002)

Nomenclature For – Standard Steel Doors And Steel Frames

Detailed definitions of terms common to the Standard Steel Door and Steel Door Frame Industry.



A250.8-2003 (SDI-100)

Recommended Specifications For Standard Steel Doors And Frames

This specification for swinging steel doors and frames offers a number of choices in both regular and fire rated door and frame constructions. The user must select from the specification the specific grades of doors and frames that best apply to the project. This specification covers sizes, types, materials, general construction requirements and finishing of 1-3/4" extra heavy duty steel doors, 1-3/4" heavy duty steel doors, 1-3/4" and 1-3/8" standard duty steel doors, together with frames and accessories. They are intended to be standard items not subject to variations.

A250.10-1998 (R2004)

Test Procedure And Acceptance Criteria For – Prime Painted Steel Surfaces For Steel Doors And Frames

Procedures for the selection of material, chemical preparation, painting, testing and evaluation of prime painted steel surfaces for steel doors and frames.

A250.11-2001

Recommended Erection Instructions For Steel Frames

This document includes information in respect to storage of frames on the jobsite, grouting and back painting of frames and assembly of frames. It contains instructions in respect to bracing frames before wall construction and the installation of frames in masonry, steel stud wall construction, wood stud wall construction and drywall construction.

A250.13-2003

Testing And Rating Of Severe Windstorm Resistant Components For Swinging Door Assemblies

This standard provides procedures for testing and establishing load ratings (design load in pounds per square foot or pounds force) for components of exterior swinging door assemblies. It is the intent of this document to test the protection of openings during severe windstorm conditions, such as a hurricane, that produces sustained wind speeds or gusts in a range of 110 to 150 miles per hour as defined by ASCE 7-02. It is not intended to simulate wind forces generated by tornadoes.

ANSI Technical Publications

Listed on this page are the current Technical Publications available from the American National Standards Institute.

Free downloads of these documents are available from SDI's Website:

<http://www.steeldoor.org/html/ansi.html>