



Standard Specification for Doors, Furniture, Marine¹

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This standard has been approved for use by agencies of the Department of Defense. Consult the DoD Index of Specifications and Standards for the specific year of issue which has been adopted by the Department of Defense.

1. Scope

1.1 This specification covers the construction of furniture doors for use where invoked by other marine furniture specifications.

1.2 This specification applies to all furniture doors for marine furniture, in items requiring hinged doors.

1.3 Values stated in inch-pound units are to be regarded as the standard. The metric equivalents, given in parentheses, are for information only.

2. Referenced Documents

2.1 ASTM Standards:

A 240 Specification for Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels²

A 366/A 366M Specification for Steel, Sheet, Carbon, Cold-Rolled, Commercial Quality²

A 582 Specification for Free-Machining Stainless and Heat-Resisting Steel Bars, Hot-Rolled or Cold-Finished³

B 209 Specification for Aluminum and Aluminum-Alloy Sheet and Plate⁴

B 221 Specification for Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Shapes, and Tubes⁴

C 1036 Specification for Flat Glass⁵

D 907 Terminology of Adhesives⁶

2.2 American Institute of Steel Construction Manual:⁷

AISC Wire and Sheet Metal Gages—Equivalent Thickness in Decimals of an Inch, U.S. Standard Gage (USSG) for Uncoated Hot and Cold-Rolled Sheets

2.3 Federal Specifications:⁸

DD-G-1403 Glass, Plate (Float), Sheet Figured, and Spandrel (Heat Strengthened and Fully Tempered)

¹ This specification is under the jurisdiction of ASTM Committee F-25 on Shipbuilding and is the direct responsibility of Subcommittee F25.03 on Outfitting. Current edition approved Feb. 15, 1995. Published April 1995. Originally published as F 782 – 82. Last previous revision F 782 – 94.

² Annual Book of ASTM Standards, Vol 01.03.

³ Annual Book of ASTM Standards, Vol 01.05.

⁴ Annual Book of ASTM Standards, Vol 02.02.

⁵ Annual Book of ASTM Standards, Vol 15.02.

⁶ Annual Book of ASTM Standards, Vol 15.06.

⁷ Available from the American Institute of Steel Construction, 400 N. Michigan Ave., Chicago, IL 60611.

⁸ Available from Standardization Documents Order Desk, Bldg. 4 Section D, 700 Robbins Ave., Philadelphia, PA 19111-5094, Attn: NPODS.

LP-391 Plastic Sheets, Rods and Tubing, Rigid Cast, Methacrylate (Multiapplication)

QQ-C-320 Chromium Plating (Electrodeposited)

QQ-Z-325 Zinc Coating, Electrodeposited

2.4 American National Standard Institute Standards:⁹

ANSI Z97.1-1975 Safety Performance Specifications and Methods of Test for Safety Glazing Material Used in Buildings

3. Terminology

3.1 Descriptions of Terms Specific to This Standard:

3.1.1 *flush doors*—metal doors with a smooth surface on the exterior face.

3.1.2 *hinged door*—door equipped with hinges that permit it to swing about the vertical hinge axis, either right hand or left hand.

3.1.2.1 *right-hand door*—door with hinges on the right side when viewed from the exterior of the furniture item containing the door.

3.1.2.2 *left-hand door*—door with hinges on the left side when viewed from the exterior of the furniture item containing the door.

3.1.3 *panel doors*—doors with metal stiles and rails that support a panel insert of transparent safety glazing or expanded aluminum.

3.1.3.1 *stiles*—the vertical members in the frame of a panel door that support the central panel.

3.1.3.2 *rails*—the horizontal members in the frame of a panel door that support the central panel.

4. Classification

4.1 Doors shall be of the following types as required by the specifications for the item of furniture in which they are installed and as indicated in ordering documents. See Fig. 1 for details.

4.1.1 *Type I*—Flush hinged door.

4.1.2 *Type II*—Panel hinged door.

5. Ordering Information

5.1 Doors are included as part of the orders for items of furniture requiring doors. To describe adequately the door or

⁹ Available from American National Standards Institute, 11 W. 42nd St., 13th Floor, New York, NY 10036.