

CONTENTS

Foreword	iii
Committee Roster	v
1 General	1
1.1 Scope	1
1.2 Units of Measurement	1
1.3 References	1
1.4 Definitions	1
2 Materials and Finishes	1
3 Requirements	1
3.1 General	1
3.2 Strength and Deflection	2
3.3 Waste Fittings	2
3.4 Special Fixtures	2
3.5 Faceplates	2
3.6 Foot Supports	3
3.7 Installation Instructions	3
4 Test Requirements	3
4.1 Waste Fittings	3
4.2 Load Test	3
5 Marking	3
Figures	
1 Framing-Affixed Support With Concealed Tank	2
2 Load Test on Wall-Hung Water Closet	3



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FRAMING-AFFIXED SUPPORTS FOR OFF-THE-FLOOR WATER CLOSETS WITH CONCEALED TANKS

1 GENERAL

1.1 Scope

This Standard establishes minimum performance requirements for framing-affixed supports for off-the-floor water closets with concealed tanks. It is not intended to limit the use of other materials, finishes, and designs that equal or exceed the requirements of this Standard.

1.2 Units of Measurement

Values are stated in U.S. Customary units and the International System of Units (SI). The U.S. Customary units shall be considered as the standard.

1.3 References

The following documents form a part of this Standard to the extent specified herein. The latest issue shall apply.

ASME A112.6.1M, Floor-Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use

ASME A112.19.2M, Vitreous China Plumbing Fixtures

Publisher: The American Society of Mechanical Engineers (ASME), Three Park Avenue, New York, NY 10016-5990

ANSI/ASSE 1002, Water Closet Flush Tank Fill Valve

Publisher: American Society of Sanitary Engineering (ASSE), 28901 Clemens Road, Westlake, OH 44145

1.4 Definitions

A number of special terms, which are specific to the supports described by this Standard, are defined herein. For additional terms pertinent to support and carrier nomenclature, see ASME A112.6.1M.

carrier: a concealed support for an off-the-floor fixture.

combination water closet support and fitting: an assembly for supporting off-the-floor water closets, which

includes both support- and waste-fitting components and a concealed flush tank. See Fig. 1.

fitting(s): the sanitary waste-fitting component(s) of a combination water closet support and fitting.

fixture bolts: the bolts on which the fixture is mounted, and which connect directly to the carrier.

foot: a member of a carrier, designed to rest on the floor in a concealed location to anchor and support the assembly.

gasket, fixture: the scaling element between fixture and fittings.

integral tank: a flush tank that is provided as an option to the support assembly for the purpose of flushing the wall-hung fixture, which is usually concealed behind the finished wall.

off-the-floor fixture: any sanitary plumbing fixture, located adjacent to a wall (partition), which has no visible contact with the floor in front of the wall.

2 MATERIALS AND FINISHES

Materials and finishes used in supports and carrier assemblies shall conform to the material requirements as cited in ASME A112.6.1M. Waste fittings shall be of cast iron, bronze, plastic, or other materials capable of withstanding the pressure testing in section 4.

3 REQUIREMENTS

3.1 General

Off-the-floor framing-affixed supports for water closets shall consist of an integral tank, a supply pipe to the water closet, a waste fitting from the water closet, and support assembly. The support assembly shall incorporate as a minimum a support structure complete with fasteners to mount and connect the fixture, fitting, and piping to carry the waste from the fixture into the waste line, means to affix the assembly to the structural floor or wall, and any necessary gaskets to connect

