

TM 10-14

Screw Holding Capacity

Test Method for Determining the Screw Holding Capacity of Wood Doors



**WINDOW & DOOR
MANUFACTURERS ASSOCIATION**

WDMA

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1. SCOPE

This test method determines the ability of a wood door (vertical edge, horizontal edge and face) to resist the withdrawal of a screw perpendicular to the surface.

2. APPLICABLE DOCUMENTS

- 2.1. ASTM D1761-12, Standard Test Methods for Mechanical Fasteners in Wood
- 2.2. ANSI B18.6.4-1998(R2005), Thread Forming and Thread Cutting Tapping Screws and Metallic Drive Screws.

3. SIGNIFICANCE AND USE

This test method will provide useful data for designers, specifiers, and manufacturers in making judgments on the ability of the door assembly to maintain serviceability under operating conditions.