



Designation: C 474 – 012

Standard Test Methods for Joint Treatment Materials for Gypsum Board Construction¹

This standard is issued under the fixed designation C 474; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (ε) indicates an editorial change since the last revision or reapproval.

1. Scope*

1.1 These test methods cover the physical testing of joint compound, paper joint tape, glass-mesh joint tape, and an assembly of joint compound and paper joint tape.

1.1.1 Joint treatment materials are specified in Specification C 475/C 475M.

1.1.2 The joint treatment material described in this standard are for use with gypsum board installed in accordance with Specification C 840.

1.2 The test methods appear in the following order:

	Section
Joint Compound Tests:	
Viscosity	5
Shrinkage	6
Check Cracking	7
Putrefaction	8
~~Paper Joint Tape Tests:~~	
~~Joint Tape Tests:~~	
Tensile Strength	9
~~Dimensional Stability~~	~~10~~
~~Width~~	~~10~~
~~Width~~	~~11~~
~~Thickness~~	~~11~~
~~Thickness~~	~~11~~
~~Paper Joint Tape Tests~~	
Dimensional Stability	12
Assemblages of Paper Joint Tape and Joint Compound:	
Bond of Paper Joint Tape to Joint Compound	13
Cracking of Joint Compound at Tape Edges	14
~~Glass-Mesh Joint Tape Test~~	
Skewness	15

1.3 The values stated in inch-pound units are to be regarded as the standard. The SI (metric) values given in ~~parentheses brackets~~ are approximate and are provided for information purposes only.

1.4 The text of this standard references notes and footnotes ~~which that~~ provide explanatory material. These notes and footnotes (excluding those in tables and figures) shall not be considered as requirements of the standard.

1.5 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.*

2. Referenced Documents

2.1 *ASTM Standards:*

¹ These test methods are under the jurisdiction of ASTM Committee C11 on Gypsum and Related Building Materials and Systems and are the direct responsibility of Subcommittee C11.02 on Specifications and Test Methods for Accessories and Related Products.

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