



Standard Specification for Application of Gypsum Base to Receive Gypsum Veneer Plaster¹

This standard is issued under the fixed designation C844; 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.

This standard has been approved for use by agencies of the U.S. Department of Defense.

1. Scope

1.1 This specification covers the minimum requirements for, and methods of, application of gypsum veneer base for gypsum veneer plasters.

1.2 Gypsum veneer base shall not be used as a base for direct adhesive application of ceramic, metal, or plastic tile in areas exposed to abnormal moisture or humidity or temperature.

1.3 Details of construction for a specific assembly to achieve the required fire resistance shall be obtained from reports of fire-resistance tests, engineering evaluations, or listings from recognized fire testing laboratories.

1.4 Where a specific degree of sound control is required for veneer plaster assemblies and constructions, details of construction shall be in accordance with official reports of tests conducted in recognized sound testing laboratories in accordance with the applicable sound tests, Test Methods [C423](#), [E90](#), or [E492](#).

1.5 Where this specification is more stringent (size or thickness of framing; spacing of fasteners) than the fire-rated construction, this specification shall govern; otherwise, the construction described in the fire test report shall govern.

1.6 Unheated spaces above gypsum veneer base ceilings shall be properly ventilated (see [Appendix X3](#)).

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

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

2. Referenced Documents

2.1 ASTM Standards:²

- [C11 Terminology Relating to Gypsum and Related Building Materials and Systems](#)
- [C423 Test Method for Sound Absorption and Sound Absorption Coefficients by the Reverberation Room Method](#)
- [C514 Specification for Nails for the Application of Gypsum Board](#)
- [C587 Specification for Gypsum Veneer Plaster](#)
- [C754 Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products](#)
- [C954 Specification for Steel Drill Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Steel Studs from 0.033 in. \(0.84 mm\) to 0.112 in. \(2.84 mm\) in Thickness](#)
- [C955 Specification for Load-Bearing \(Transverse and Axial\) Steel Studs, Runners \(Tracks\), and Bracing or Bridging for Screw Application of Gypsum Panel Products and Metal Plaster Bases](#)
- [C1002 Specification for Steel Self-Piercing Tapping Screws for Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs](#)
- [C1007 Specification for Installation of Load Bearing \(Transverse and Axial\) Steel Studs and Related Accessories](#)
- [C1047 Specification for Accessories for Gypsum Wallboard and Gypsum Veneer Base](#)
- [C1396/C1396M Specification for Gypsum Board](#)
- [C1546 Guide for Installation of Gypsum Products in Concealed Radiant Ceiling Heating Systems](#)
- [E90 Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements](#)
- [E492 Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine](#)

¹ This specification is under the jurisdiction of ASTM Committee [C11](#) on Gypsum and Related Building Materials and Systems and is the direct responsibility of Subcommittee [C11.03](#) on Specifications for the Application of Gypsum and Other Products in Assemblies.

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² For referenced ASTM standards, visit the ASTM website, www.astm.org, or contact ASTM Customer Service at service@astm.org. For *Annual Book of ASTM Standards* volume information, refer to the standard's Document Summary page on the ASTM website.