



Standard Specification for Installation of Interior Lathing and Furring¹

This standard is issued under the fixed designation C 841; 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 Department of Defense.

1. Scope*

1.1 This specification covers the minimum requirements for, and the methods of application of, interior lathing and furring to receive gypsum plaster applied in accordance with Specification C 842. Other materials are not prohibited from being used provided that their physical characteristics and durability under conditions of usage are at least equal in performance to those described.

1.2 The values stated in inch-pound units are to be regarded as the standard. The metric values shown in parentheses are provided for information only.

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 plastered assemblies and constructions, details of construction shall be obtained from reports of sound tests of assemblies that have met the requirements of Test Method E 492.

2. Referenced Documents

2.1 ASTM Standards:

- A 641/A 641M Specification for Zinc-Coated (Galvanized) Carbon Steel Wire²
- C 11 Terminology Relating to Gypsum and Related Building Materials and Systems³
- C 37/C 37M Specification for Gypsum Lath³
- C 514 Specification for Nails for the Application of Gypsum Board³
- C 754 Specification for Installation of Steel Framing Members to Receive Screw-Attached Gypsum Panel Products³
- C 842 Specification for Application of Interior Gypsum Plaster³
- C 847 Specification for Metal Lath³

C 933 Specification for Welded Wire Lath³

C 954 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 Thickness³

C 1002 Specification for Steel Self-Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs³

C 1007 Specification for Installation of Load Bearing (Transverse and Axial) Steel Studs and Related Accessories³

C 1032 Specification for Woven Wire Plaster Base³

D 1784 Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds⁴

D 3678 Specification for Rigid Poly(Vinyl Chloride) (PVC) Interior-Profile Extrusions⁵

E 492 Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine⁶

2.2 *National Association of Architectural Metal Manufacturers Standard*

HMMA 840 Installation and Storage of Hollow Metal Doors and Frames⁷

3. Terminology

3.1 *Definitions*—For definitions relating to ceilings and walls see Terminology C 11.

3.2 *Definitions of Terms Specific to This Standard:*

3.2.1 *base coat, n*—the sum of the scratch and brown coats or the total coats in place prior to application of finish coats.

3.2.2 *contact ceiling, n*—a ceiling in which the lath is attached in direct contact with the construction above, without the use of main runners or cross furring.

3.2.3 *furred ceiling, n*—a ceiling in which the furring used for the support of the lath is attached directly to the structural members of the building.

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 Application of Gypsum and Other Products in Assemblies.

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² *Annual Book of ASTM Standards*, Vol 01.06.

³ *Annual Book of ASTM Standards*, Vol 04.01.

⁴ *Annual Book of ASTM Standards*, Vol 08.01.

⁵ *Annual Book of ASTM Standards*, Vol 08.04.

⁶ *Annual Book of ASTM Standards*, Vol 04.06.

⁷ Available from NAAMM, 8 South Michigan Avenue, Suite 1000, Chicago, IL 60603.