



Standard Specification for Predecorated Gypsum Board¹

This standard is issued under the fixed designation C 960/C 960M; 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 predecorated gypsum board which is designed to be used as the finished surface for walls or ceilings.

NOTE 1—Specification C 840 contains application procedures for predecorated gypsum board.

1.2 The values stated in inch-pound units are to be regarded separately as the standard. Within the text, the SI units are shown in brackets. The values stated in each system shall be used independent of the other. Values from the two systems shall not be combined.

1.3 The following safety hazards caveat pertains only to the test method portion, Section 10 of this specification: *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.*

1.4 The text of this specification references notes and footnotes that 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

C 11 Terminology Relating to Gypsum and Related Building Materials and Systems

C 36/C 36M Specification for Gypsum Wallboard

C 645 Specification for Nonstructural Steel Framing Members

C 840 Specification for Application and Finishing of Gypsum Board

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 C11.01 on Specifications and Test Methods for Gypsum Products.

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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.

C 1264 Specification for Sampling, Inspection, Rejection, Certification, Packaging, Marking, Shipping, Handling and Storage of Gypsum Board

E 84 Test Method for Surface Burning Characteristics of Building Materials

E 119 Test Methods for Fire Tests of Building Construction and Materials

3. Terminology

3.1 Definitions of terms shall be in accordance with Terminology C 11.

3.2 *Definitions of Terms Specific to This Standard:*

3.2.1 *face, n*—the surface of the predecorated gypsum wallboard that is called the finish side.

4. Classification

4.1 Predecorated gypsum board is furnished in two classes as follows:

4.1.1 Class I predecorated gypsum board shall have a decorative sheet or film laminated to the paper surface.

4.1.2 Class II predecorated gypsum board shall have a decorative coating applied to the paper surface.

5. Materials and Manufacture

5.1 Predecorated gypsum board shall consist of a noncombustible core, essentially gypsum, surfaced with paper bonded to the core with the face covered with a decorative sheet, film, or coating.

5.2 Predecorated gypsum board, type X (special fire resistant) designates predecorated gypsum board complying with this specification that provides not less than 1 h fire-resistance for boards $\frac{5}{8}$ in. [15.9 mm] thick or $\frac{3}{4}$ h fire-resistance for boards $\frac{1}{2}$ in. [12.7 mm] thick, applied parallel with and on each side of load bearing 2×4 wood studs spaced 16 in. [406 mm] on center with 6d coated nails, $1\frac{7}{8}$ in. [48 mm] long, 0.0915 in. [2.32 mm] diameter shank, $\frac{1}{4}$ in. [6.4 mm] diameter heads, spaced 7 in. [178 mm] on center with wallboard joints staggered 16 in. [406 mm] on each side of the partition and tested in accordance with the requirements of Test Methods E 119.

NOTE 2—Consult producers for independent test data on assembly details and fire-resistance classifications for other types of construction.

*A Summary of Changes section appears at the end of this standard.