



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 81-98-M Vol. 3

Manufacturer: United States Gypsum Company, 125 S. Franklin St.,
Chicago, IL 60606

Trade Name(s): SHEETROCK® Brand FIRECODE® Core Gypsum
Panels (UL Type SCX), SHEETROCK® Brand
HUMITEK™ FIRECODE® Core Gypsum Panels (UL
Type SCX), SHEETROCK® Mold Tough™
Firecode® Core Gypsum Panel (UL Type SCX),
SHEETROCK® Mold Tough™ Firecode® C Core
Gypsum Panel Type “C”, SHEETROCK® Mold
Tough™ Ultracode® Core Gypsum Panel Type
Ultracode

Product: Fire rated non-load bearing wall assembly.

Pertinent Code Section(s): 27-131, 27-323

Prescribed Test(s): RS 5-2 (ASTM E119).

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL Design U419 and File R1319, Project 96NK11081

Description: Nonbearing wall rating – 1, 2, 3 and 4 hour.

1. Floor and Ceiling Runners – Channel shaped, fabricated from min. 25 ga. Steel.
2. Steel Studs – Channel shaped, fabricated from min. 25 ga. Steel. Min. width as indicated under Item 4.
3. Batts and Blankets – Required as indicated under Item 4) – Mineral wool batts, friction fitted between studs and runners.

4. Wall board, Gypsum – SHEETROCK® Brand panels applied vertically or horizontally. ½ in. SHEETROCK® FIRECODE® C Core, ½ SHEETROCK® Mold Tough™ Firecode® C Core Gypsum Panel Type “C”, 5/8 in. SHEETROCK® FIRECODE® Core, 5/8 thick SHEETROCK® Brand, Firecode® Humitek™, 5/8 in SHEETROCK® Mold Tough™ Firecode® Core Gypsum Panel and ¾ in. SHEETROCK® Ultracode® Core, ¾ SHEETROCK® Mold Tough™ Ultracode® Core Gypsum Panel Type Ultracode applied as required under Item 4. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Horizontal edge joints and horizontal butt joints on opposite sides of studs staggered in a min. of 12 in. Horizontal edge joints and horizontal butt joints (multi-layer system) staggered a min. of 12 in. The thickness and number of layers for the 1-, 2-, 3-, and 4- hr. rating are as follows:

Wallboard Protection on Each Side of Wall

<u>Rating</u>	<u>Minimum Stud Depth</u>	<u>Number of Layers and Thickness of Panel</u>	<u>Min Thickness of Insulation (Item 3)</u>
1 hr.	3 5/8	1 Layer, 5/8 in. thick	Optional
1 hr.	2 1/2	1 Layer, 1/2 in. thick	1 ½ in.
2 hr.	1 5/8	2 layers, ½	Optional
2 hr.	1 5/8	2 layer, 5/8 in. thick	Optional
2 hr.	3 5/8	1 layers 3/4 in. thick	3 in.
3 hr.	1 5/8	3 layers ½ in. thick	Optional
3 hr.	1 5/8.	2 layers ¾ in. thick	Optional
4 hr.	1 5/8	4 layers ½ in. thick	Optional
4 hr.	2 ½	2 layers ¾ in. thick	2 in.

5. Fasteners – Type S or S-12 self drilling, self tapping steel screws used to attach panels to studs. Screws length and spacing as described in UL Design.
6. Joint Tape and Compound – Dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape embedded in first layer of compound over all joints of outer panels.

Terms and Conditions: The above-described non-load-bearing fire-rated wall assembly is accepted under the following conditions:

1. Structural requirements shall comply with Subchapter 10, Reference Standard RS 10-3 and other applicable provisions of the New York City Building Code.
2. The acceptance of this assembly is limited to fire resistance only. Structural and other requirements shall be in accordance with pertinent Building Code, Laboratories’ listing and manufacturer’s requirements.

3. All shipments and deliveries of such equipment shall be provided with print marking on the equipment, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the New York City Building Code.

NOTE: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance April 23, 2007

Examined By Sius Derkhudam