



NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

## 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 310-03-M Vol. 2

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

**Trade Name(s):** 5/8" SHEETROCK® Brand FIRECODE® Core Gypsum Panels ( UL Type SCX),  
5/8 " SHEETROCK® Brand HUMITEK™ FIRECODE® Core Gypsum Panels (UL Type SCX),  
5/8" SHEETROCK® Mold Tough™ Firecode® Core Gypsum Panel (UL Type SCX), 1/2" SHEET ROCK® brand FIRECODE® Type "C" (UL Type SCX),  
1/2" SHEETROCK® Mold Tough™ Firecode® C Code Gypsum Panel (UL Type C)

**Product:** Fire-rated gypsum panels

**Pertinent Code Section(s):** 27-131, Article 12 and RS 12-2

**Prescribed Test(s):** Article 12 and RS 12-2 and RS 5-2(ASTM E119)

**Laboratory:** Underwriters Laboratories, Inc. (UL)  
Sound Geiger & Hamme (Acoustical Testing)  
Shinner & Associates (Witnessed Sound Testing)

**Test Report(s):** UL U-419 1-Hour assembly with 5/8" FC, Humitek™ 1-Hour assembly with 1/2" FC "C"  
As listed under MEA 81-98-M Acceptance, Geiger & Hamme Test No. USG-241 ST  
Shinner & Assocs. Test No. 800504

**Description:** One hour fire-rated non-bearing wall partition system with STC rating of 50.

- 1) 2 1/2" metal studs spaced 24" o.c. with single layer of 1/2" SHEETROCK® Brand FIRECODE™ "C" Core Type "C" or SHEETROCK® Mold Tough™ Firecode® C Core Gypsum Panel Type C on one side and two layers of 1/2" SHEETROCK® Brand FIRECODE® C Core Type "C" or SHEETROCK® Mold Tough™ Firecode® C Core Gypsum Panel Type C on the opposite side with 1 1/2" mineral fiber sound attenuation blanket in stud cavity stapled on the single side.
- 2) 3 5/8" metal studs spaced 24" o.c. with single layer of 5/8" SHEETROCK® Brand FIRECODE® Core Type "SCX", SHEETROCK® Brand FIRECODE® Core HUMITEK Type "SCX" or SHEETROCK® Mold Tough™ Firecode® Core Gypsum Panel Type "SCX" on the one face side and two layers of 5/8" SHEETROCK® Brand FIRECODE® Core Type "SCX", SHEETROCK® Brand FIRECODE® Core HUMITEK™ Type "SCX" or SHEETROCK® Mold Tough™ Firecode® Core Gypsum Panel Type "SCX" on the opposite side with 2" thick mineral fiber sound attenuation blanket in the stud cavity stapled to the single layer side.

**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 Sun Derkhams