



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 283-07-M

Manufacturer: OEG Building Material, 391 Ferry Street, Newark, New Jersey 07105

Trade Name(s): OEG Metal Studs and Track

Product: 1 5/8" wide 25-gauge to 6" wide 16-gauge metal studs and tracks for use in fire-rated wall assemblies

Pertinent Code Section(s): 27-323

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

Laboratory: VTEC Laboratories Inc.

Test Report(s): VTEC File V100-2722-1 dated July 27, 2007;
VTEC File V100-2722-2 dated July 27, 2007

Description: The OEG metal studs and tracks were fabricated into two wall sections as identified by UL Design No. U419 and Gypsum Association, #WP 1340. The OEG wall section was fire tested and achieved 1-hour and 2-hour fire ratings, which is the same as those listed in the UL Design No. U419 and Gypsum Association, #WP 1340. In this wall section, the OEG 5/8" metal studs and tracks demonstrated the same-fire resistant properties as those used in the UL and Gypsum Association Designs.

UL Design No. U419:

1. Floor and Ceiling Runners – Channel shaped, fabricated from minimum 25 MSG corrosion-protected steel, min width to accommodate stud size, with minimum 1 inch long legs, attached to floor ceiling with fasteners 24 in. OC max.
2. Steel Studs – Channel shaped, fabricated from minimum 25 MSG corrosion-protected steel, minimum width as indicated under Item 4, minimum 1-1/4 inches return, spaced a maximum of 24 inches OC. Studs to be cut 3/8 to 3/4 inch less than assembly height.
3. Batts and Blankets – Mineral wool batts, friction fitted between studs and runners.
4. Gypsum Board – Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally.
- 4A. Gypsum Board (As an alternate to Item 4) – 5/8 in. thick, 24 to 54 inches wide, applied horizontally as the outer layer to one side of the assembly. Secured as described in Item 5.
5. Fasteners – Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 6).
6. Furring Channels (optional) – Resilient furring channels fabricated from minimum 25 MSG corrosion-protected steel spaced vertically a maximum of 24 inches OC.,
- 6A/B. Steel Framing Members – As an alternate to Item 4.
7. Joint Tape and Compound – Vinyl or casein, dry or pre-mixed joint compound applied in two coats to joints and screw heads of outer layers. Paper type, nominal 2 inches wide, embedded in first layer of compound over all joints of outer layer panels.
8. Siding, Brick or Stucco (optional) – Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.
9. Caulking and Sealants (optional) – A bead of acoustical sealant applied around the partition perimeter for sound control.

Terms and Conditions: The above-described fire-rated wall assembly using OEG metal studs and track 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 August 22, 2007

Examined By Simon Derkheidam