



Report of Materials and Equipment Acceptance Division

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

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 560-06-M

Manufacturer: Composite Technologies
4062 Grumman Blvd., Bldg. 81
Calverton, N.Y. 11933

Trade Name(s): Blast Wall

Product: Fire-rated blast wall
MEA Index #310-190 – Wall Assembly

Pertinent Code Section(s): 27-339, 27-340, 27-341, 27-346

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

Laboratory: Intertek Testing Services (ITS)

Test Report(s): ITS Report 3092988 dated March 30, 2006.

Description: A fire-resistant energy absorbing blast wall with a deflection of 1 $\frac{3}{4}$ " resulting from a shock tube test of 23.9 psi, 127.3 psi-MSEC. Wall consists of 16-gauge studs welded to 3" high, top and bottom tracks. Exterior surface is 1 $\frac{1}{4}$ " ultra high strength reactive powder concrete and 4 x 4 6/6 WWM welded studs. Two (2) layers of 5/8" fire-rated gypsum board are screwed to interior side of studs and cavity is filled with mineral wool insulation. The wall system is 2-hours rated from the interior section of wall assembly.

Terms and Conditions: The above-described fire-rated wall assembly designs are accepted with the following conditions:

1. Wall assembly shall have the fire-resistance ratings indicated when used where combustible or non-combustible construction is required in accordance with the New York City Building Code
2. This acceptance does not include structural adequacy or wall design, which must be provided by a professional engineer or registered architect for particular structure for compliance with Building Code.
3. Installation shall comply with the New York City Building Code and Intertek Testing Services Project No. 30992988, as specified above.
4. All shipments and deliveries of such material shall be provided with a certificate or label certifying that the material shipped or delivered is equivalent to that tested and accepted for use, as provided for 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, 2008
Examined By Simon Perkhidan