



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 132-07-M

Manufacturer: iFortress, Inc., 228 Lackawanna Avenue, West Paterson, N.J. 07427

Trade Name(s): iGuard Armor Panel

Product: Multi-layered, panelized wall system

Pertinent Code Section(s): 27-323 and 27-133

Prescribed Test(s): RS 5-2 (ASTM E-119)

Laboratory: Intertek ETL Semko

Test Report(s): Intertek Project No. 3080249, dated July 26, 2005

Description: A modular iGuard Armor panel system is made using two 16-gauge steel skins (one inside skin and one outside skin) and a 14-gauge frame incorporating structural, hydro-dynamic, fire resistant and thermal resistant core components including fiber, standard construction and insulating boards. Panels are 4" thick by 2' wide and varying lengths. Panels are assembled utilizing a cam-lock mechanism and gaskets to form a fire resistant, thermal resistant, self-contained, airtight, watertight, hermetically sealed enclosure. The system withstood the fire exposure and water hose tests, as required, for 90-minute fire-endurance rating under the condition of ASTM E-119.

This assembly consists of an iFortress Modular panel with a 90-minute fire rating, using the following iFortress components:

iFortress iGuard Armor Panels™ (TM)

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

1. The wall panel system shall be assembled by an approved and trained iFortress installer.
2. Structural requirements shall comply with Subchapter 10, Reference Standard RS 10-3 and other applicable provisions of the New York City Building Code.
3. 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.
4. All shipments and deliveries of such material shall be accompanied by a certificate or label certifying that the materials shipped or delivered are equivalent to those tested and acceptable for use as provided for in Section 27-131 of the New York 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 June 4, 2007

Examined By Siam Derkhdan