



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 633-06-M

Manufacturer: Phil-Insul Corporation, 735 Arlington Park Place, Unit 11U, Kingston, Ontario, Canada K7M 8M8

Trade Name(s): IntegraSpec Insulating Concrete Forms

Product: Fire-rated, insulated concrete form wall assembly for combustible construction

Pertinent Code Section(s): 27-297, 27-107, 27-133

Prescribed Test(s): RS 5-5 (ASTM E84), Toxicity, RS 5-2 (ASTM E119)

Laboratory: Intertek Testing Services Ltd. (ITS)

Test Report(s): ITS Reports: #3060838 dated July 5, 2004, #3084101 dated October 25, 2005, and #3113082COQ-001B dated June 25, 2007.

Description: IntegraSpec Insulated Concrete Forms are stay-in-place, multi-directional, reversible, concrete forms for reinforced concrete wall systems. The wall system shall be constructed using a minimum 1/2 inch thick gypsum drywall to achieve the required resistance rating.

Form Size (Wall Thickness)	Fire Rating
4"	2 hours
6"	3 hours
8" and larger	4 hours

Notes:

1. Insulated Concrete Forms – Standard form units are comprised of two 48"x12.25"x2.5" thick expanded polystyrene (EPS) panels linked by high impact polystyrene webs spaced at 8" on center. The widths of the wall cavity are 4", 5",

6", 8", 10" and 12", or any combination of 2 or more webs to obtain the required width. Corner panels, 45 degree panels, taper panels, brickledge panels, bucks, headers are all part of the system.

2. Steel reinforcement – Steel reinforcement shall be placed as per IntegraSpec Engineering Guide, as per Building Code requirements or specified by a certified engineer or architect.
3. Normal Weight Concrete – 3000 psi compressive strength.
4. Gypsum Board – Classified or unclassified ½" thick, standard gypsum wallboard fastened to flanges of high impact polystyrene inserts with 1 5/8" coarse threaded standard drywall screws spaced on center 12" vertically and 16" horizontally. Joints and screws covered with standard drywall compound.

Terms and Conditions: The above-described wall assembly consisting of exterior concrete form and other components is accepted as having fire resistance classification listed above for combustible construction only with the following conditions:

1. Installation shall comply with applicable New York City codes, rules and regulations and in particular with Section 27-297A, Tables 3-4, and 4-2 of the New York City Building Code, for 1-, 2- or 3-family.
2. Interior and above grade exterior of the concrete form must be covered with MEA-accepted one-hour fire-rated material.
3. This acceptance does not include structural adequacy of wall design, which must be certified by a P.E. or R.A. for particular structures for compliance with the Building Code prior to plan examination by department engineers.
4. All shipments and deliveries of such materials shall be accompanied by a certificate or label certifying that the materials shipped or delivered are equivalent to those 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 October 11, 2007

Examined By Simon Derflinger