



NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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## 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 334-06-M**

**Manufacturer:** Dow Chemical Company, 200 Larkin Center, 1605 Joseph Drive, Midland, MI 48674

**Trade Name(s):** Styrofoam Brand Insulation

**Product:** Steel Stud Wall Assemblies Using Extruded Polystyrene Rigid Styrofoam Brand Insulation

**Pertinent Code Section(s):** 27-335.1

**Prescribed Test(s):** RS 5-5 (ASTM E 84) ASTM E119 (hourly rated assemblies, Toxicity)

**Laboratory:** Underwriters Laboratories Inc.

**Test Report(s):** Flame Spread/ Smoked Developed UL Certificate D 369 (FS/DD), UL hourly rated assemblies V454 Southwest Research Institute U Pitt Toxicity Test Report 01.11813.0200018a

**Description** –Steel stud and wall construction: Channel shaped studs nominal 6 inches (5 ¾” actual) or nominal 4 inches (3 5/8” actual). The studs are placed 16 inches to 24 inches on center. Attached to the exterior side is 5/8 in. exterior grade Type X gypsum sheathing to which ½ in. to 4 in. thick STYROFOAM Brand Insulation is secured. The interior side shall have 5/8 in. type X gypsum wall board secured. Interior and/or exterior air and/or vapor barriers are optional. All openings shall be flashed in accordance with the manufacturer’s instructions or accepted building science practice. This wall assembly shall be constructed in a “Composite method construction” which shall mean a method of construction in which diverse materials are combined to form an assembly, whether the assembly is prefabricated or fabricated at the site of installation per UL design V454.

**Terms and Conditions:** The above described wall assembly shall be constructed by the composite method. This wall assembly shall be accepted as having a one-hour fire resistance classification when used where noncombustible construction is required in accordance with the Building Code. Although this material does not meet with the non-combustible requirements of the Building Code, it does satisfy the intent of the Building Code for non-combustibility as provided for in Section 27-107 and 27-133.

1. The construction of the wall system must be in accordance with all manufacturer's instructions and recommendations.
2. 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.
3. All fire stopping as specified in Section 27-345 of the Building Code must be adhered to.
4. All shipments and deliveries of STYROFOAM Brand Insulation shall certify that the material shipped or delivered are equivalent to those tested and acceptable for use as provided for in Section 27-131 of the Building Code.

Final Acceptance July 28, 2006  
Examined by Sian Derkheadam