



NYC Department of Buildings
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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 335-06-M

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

Trade Name(s): THERMAX Polyisocyanurate Insulation

Product: Steel Stud Wall Assemblies Using THERMAX Polyisocyanurate Rigid Brand Insulation

Pertinent Code Section(s): 27-335.1

Prescribed Test(s): RS 5-5 (ASTM E 84), RS 5-2 (ASTM E119) (hourly rated assemblies), Toxicity

Laboratory: Underwriter Laboratories Inc., Southwest Research Institute

Test Report(s): UL file 5622, UL: hourly rate assemblies V454, Southwest Research Institute Toxicity Test Report 01.11813.02.018b

Description – Steel stud 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 THERMAX Polyisocyanurate insulation is secured. The interior side shall have 5/8 in. type X gypsum wallboard 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 of 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-combustibility 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 27-137.

The construction of the wall system must be in accordance with all manufacturer's instructions and recommendations.

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.

All firestopping as specified in Section 27-345 of the Building Code must be adhered to.

All shipments and deliveries of THERMAX Polyisocyanurate insulation shall certify that the materials 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 Simon Derkshdam