



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 121-99-M Vol. II

Manufacturer: Benchmark Architectural Systems Inc., 720 Marion Road, Columbus, Ohio 43207.

Trade Name(s): Design Wall 2000.

Product: Exterior wall insulation and finish panel system.

Pertinent Code Section(s): 27-232 and 27-335.1.

Prescribed Test(s): RS 5-5 (ASTM E84); Toxicity.

Laboratory: Omega Point Laboratories and Southwest Research Laboratories.

Test Report(s): Omega Point Report No. 3082380-503 dated August 25, 2005 and SWRI Project No. 01.10935.02.048a dated September 2005.

Description: Design Wall exterior wall insulation panel system consists of 2 inch thick polyisocyanurate foam core bonded to 22/24 gauge steel facings and coated with Kynar 500 PVF finish. These panels are to be fastened to noncombustible substrates and must be separated from interior spaces by a thermal barrier having at least a one-hour fire resistance rating, utilizing the methods of attachment as prescribed by the manufacturer.

Flame Spread Rating – 0
Smoke Developed Rating – 35

Terms and Conditions: The above described exterior wall insulation and finish system, comprising a thermal insulation which is not noncombustible and does not meet with requirements of Code Section 27-335.1, for use where noncombustible construction is required, be accepted for use in either new or existing noncombustible construction group I buildings. Installation shall be in accordance with Section 27-335.1 following manufacturer supplied instructions. All shipments and deliveries of such materials shall be provided with a label or tag 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 Building Code.

Final Acceptance October 20, 2005
Examined By Siem Dorckhedam