

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, F.A.I.A., Commissioner

**MEA 84-05-M
Report of Material and Equipment Acceptance Division**

Manufacturer- Fairmount Distributors Inc., 202-210 Fairmount Avenue, Jersey City N.J. 07306.

Trade Name-Fairmount Distributors.

Product- Non load bearing wall system, 4 hours.

Pertinent Code Section(s)- 27-323.

Prescribed Test(s)- RS 5-2 (ASTM E119).

Laboratory- Omega Point Laboratories.

Test Report- Omega Point Report 16866-123075.

Description- A non load bearing restrained wall system designed to resist exposure to fire conditions as specified by the Fire Tests of Building Construction and Materials in Specification ASTM E-119-00a.

The wall system, as described below, withstood the fire exposure and water hose tests, as required, for 4-hour fire endurance rating under the conditions of ASTM E-119-00a.

Construction – Steel wall studs, made of 20 Ga. Galvanized steel, 4 inches deep with 2 inch legs, spaced 16 inches on center, were covered with 2 layers of 14mm thick DragonBoard (MEA 359-02-M), as manufactured by Forerunner Building Products of Taishan (formerly Pioneer Building Products) on each side. The stud cavities were insulated with nominal 8pcf mineral wool insulation, friction fit in the cavities, and the outer layer panel joints were treated with 3M 25+WB fire rated caulk. Outer surfaces were painted with nominal 12 mils (dft) of intumescent fire resistive paint. Base layers of the 14mm material were oriented parallel to the studs, and fastened with #6x1-1/4 drywall screws spaced 12” o.c. Face layers were oriented at right angles to the base layer, and fastened with #6x1-7/8 drywall screws spaced 16” o.c. Panel joints were offset. Screw heads were covered with 3M caulk.

Recommendation- That the above described non-load bearing wall assembly be accepted as having 4 hour fire resistance classification when installed in accordance with manufacturer's instructions and testing laboratory requirements. Furthermore installation must be in accordance with the New York City Building Code and used where allowed by the same. This acceptance does not include structural adequacy of wall design which must be checked for particular structures for compliance with the Building Code at the time of plan examination by department engineers. 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 acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance April/25/2005

Examined By S Dorshuber