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 Materials and Equipment Acceptance (MEA) Division.

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

MEA 359-02-M
Report of Material and Equipment Acceptance Division

Manufacturer- Pioneer Building Products of Taishan Ltd., No. 8 Dragon Hill Industrial District, Danfun, Taishan, Guangdong, Peoples Republic of China.
Trade Name- DragonBoard.
Product – Solid sheet material for sheathing, sub-flooring, wall panels.
Pertinent Code Section – 27-348.
Prescribed Tests – ASTM E-84 (flame spread, smoke), Toxicity.
Laboratory – New York Product Testing & Services Inc. and Southwest Research Institute.
Test Reports– New York Testing Report No. 02-107473, 02-107473A, 02-107473B, 02-107499. SwRI Report No. 01.06062.01.034a dated February 2003.
Description – Solid composite sheet material suitable for use in horizontal or vertical applications for sheathing, sub-flooring and wall panels. The material is a homogeneous mineral material containing a mixture of magnesium oxide, magnesium chloride, water, talcum powder, wood bran and glass fiber cloth. The panels are produced in several thicknesses (4 mm, 8 mm, 10 mm, 14 mm, 18 mm and 22 mm) with other thicknesses available on special order. All panels are composed of the same materials.

Flame spread rating 0 (no flame spread)
Smoke developed 0 (no smoke)

Recommendation – That the above described composite panels be accepted as have a Class A rating, with no flame spread and no smoke developed as indicated above. On exposure to flame, the material did not produce any toxic combustion products. All shipments of the above materials shall be accompanied by a label certifying that the materials shipped are equivalent to those tested and are acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance March/28/2003

Examined by Siu Derk Kedan

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 85-05-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, 2 hours.
Pertinent Code Section(s)- 27-323.
Prescribed Test(s)- RS 5-2 (ASTM E119).
Laboratory- Omega Point Laboratories.
Test Report- Omega Point Report 16866-120568A.
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 a 2-hour fire endurance rating under the conditions of ASTM E-119-00a.

Construction – Steel wall studs, made of 22 Ga. Galvanized steel, 3-5/8 inches deep with 1-5/8 inch legs, spaced 16 inches on center, were covered with 1 layer of 14mm thick DragonBoard (MEA 359-02-M), as manufactured by Forerunner Building Products if Taishan (formerly Pioneer Building Products) on each side. Each stud was covered with a 2"-3" wide piece of DragonBoard prior to installation of the outer layer. All panel edges were supported by additional studs or short sections of 20 Ga. Track. The stud cavities were insulated with nominal 4 pcf mineral wool insulation, friction fit in the cavities, and the panel joints were treated with 3M IC 15 WB fire rated caulk. Layers of the 14-mm material were oriented parallel to the studs and fastened with #6x1-5/8 drywall screws spaced 12" o.c. on edges and 18" o.c. in the field. Screw heads were covered with 3M caulk. Panel joints were staggered.

Recommendation – That the above described non-load bearing wall assembly be accepted as having 2 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 Dorfman

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 Derbyshire