

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, A.I.A., Commissioner
MEA 18-03-M

Report of Material and Equipment Acceptance Division

Manufacturer – Advantage Building & Exterior, Inc., 8636 West 21st Street, Sand Springs, Oklahoma 74063.

Trade Name- Advantage.

Product – Exterior curtain wall panel system.

Pertinent Code Section(s) - 27-232, 27-335.1.

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

Laboratory – SGS U.S. Testing Company Inc., and Southwest Research Institute.

Test Report(s) – SwRI Project No. 01.06062. 01.034d dated March 2003, and SGS Report No. 136041-2 dated May 31, 2000.

Description – Steel framed, exterior curtain wall panels with a base substrate of 5/16” mineral fiber reinforced cement board (MFB) mechanically attached to frames with plated or stainless screws spaced 16” oc in field & 12” oc at perimeter. Fiberglass tape & resin reinforced all board joints. Entire substrate surface is covered with epoxy resin meeting Mil Spec Mil-R-9300A & Mil-R-21931 and is bonding matrix for severe weather grade 1/2” clay fired thin brick. Exposed epoxy then sanded giving raked mortar joints. Steel frames are galvanized per ASTM A653/653M and all joints are welded. Welds are treated with anti corrosive paint.

Panel construction, sizes, and installation to be sealed by a New York State registered structural engineer.

Flame Spread rating – 0.

Smoke Developed Rating – 40.

Recommendation - That the above exterior curtain wall panel system under Section 27-335.1 be accepted on condition that all uses, locations and installations for exterior use shall be limited to:

1. To insure proper anchorage and prevent water seepage penetration specifically at joints. All exterior installation shall be subject to controlled inspection provisions of the Code as per Section 27-132.
2. The design of the above described exterior curtain wall shall be prepared by New York licensed professional engineer and shall meet the applicable of New York City Building Code.

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 July/25/03

Examined by S. Deshpande