

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.

Rudolph J. Rinaldi, R.A., Commissioner

MEA 68-91-M

Report of Material and Equipment Acceptance Division

Manufacturer - Palmer Industries Inc., 10611 Old Annapolis Road, Frederick, MD 21701-3347.

Trade Name - Air Krete.

Product - Thermal insulation material.

Pertinent Code Section - 27-232 (Noncombustibility), 27-348.

Prescribed Tests - RS 5-5 (ASTM E84); Toxicity.

Laboratories - Hardwood Plywood Manufacturers Association; Anderson Laboratories Inc.

Test Report - HPMA No. T-3832, dated January 6, 1983; Anderson 907, dated February 28, 1991.

Description - "Air Krete" inorganic cementitious foam thermal and acoustical insulation is composed of two components which, when expanded with compressed air, produce a foam for installation. The material is designed to be applied to any cavity; For example, ceilings, walls, floor joist areas and pipe chases; And, has an actual standard density of 2.07 pounds per cubic foot. Flame spread rating - 0; Smoke development rating - 0.

Recommendation - That the above material be accepted for use as thermal insulation material with a maximum allowable flame spread rating of 25 and maximum allowable smoke developed rating of 50, when assembled as indicated in the instructions supplied by the manufacturer. All coverings, vapor barriers and adhesives applied over the insulation shall have a flame spread rating no higher than 25 and a smoke developed rating no higher than 50. Upon exposure to fire the material did not produce products of decomposition or combustion that were more toxic than those given off by wood or paper when decomposing or burning under comparable conditions. 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 MAY 08 1992

Examined by

Perry