

ASTM TESTS CONDUCTED ON THE PERMALATT LATTICE PRODUCTS

TEST STANDARD: 1 **ASTM E 84-95**
Surface Burning Characteristics of Building Materials .
(ANSI 2.5, NFPA 255, UBC 8-1, UL 723)

DATE TESTED: April 15, 1997
TEST SPECIMEN: 1/7/8" Opening Foam PVC Lattice
TEST RESULTS: Flame Spread Index = 10
 Smoke Development Index = 240
 (Passed with highest possible rating) Class A-1

TEST STANDARD: 2 **ASTM D 635-91**
Rate of Burning and/or Extent and Time of Burning of
Self - Supporting Plastics in a Horizontal Position.

DATE TESTED: April 15, 1997
TEST SPECIMEN: 1/7/8" Opening Foam PVC Lattice
TEST RESULTS: Specimens #1-10 Tested, None of the samples reached the
 25 mm mark. All ten samples passed.

TEST STANDARD: 3 **ASTM D 1929-91a**
Ignition Properties of Plastic.

DATE TESTED: April 15, 1997
TEST SPECIMEN: 1/7/8" Opening Foam PVC Lattice
TEST RESULTS: Flash Ignition Temperature (400°C) (752°F)
 Self Ignition Temperature (352°C) (665.6°F)
 The material was tested using Procedure B, with an air flow
 of 5 feet/minute.

TEST STANDARD: 4 **ASTM D 2843**
Smoke Density of PVC Lattice.

DATE TESTED: April 15, 1997
TEST SPECIMEN: 1/7/8" Opening Foam PVC Lattice
METRO DADE: Notification Number ETC 97003
TEST RESULTS: The maximum average smoke density for the material is
 80.2 percent and the smoke density rating for the material is
 63.1 percent when tested per ASTM D 2843.