HARDWOOD PLYWOOD MANUFACTURERS ASSOCIATION
P.O. BOX 2789
Reston, Virginia 22090

# Report On
# Surface Burning Characteristics
# Determined By
# ASTM E-84 Twenty-Five Foot
# Tunnel Furnace Test Method

**Prepared For**

AIR-KRETE INC.

WEEDSPORT, NEW YORK
(CITY, STATE)

T-3832
(TEST NO.)

AIR-KRETE ULTRALIGHT
CEMENTITIOUS INSULATION MATERIAL
(MATERIAL)

JANUARY 6, 1983
(DATE)

TEST NO. T-3832 DATE OF TEST December 27, 1982

IX. TEST RESULTS

Test results calculated on the basis of the areas under the curves of flamespread distance-time, furnace temperature, and smoke density are provided in the Table below.

| Test Specimen | Flamespread Value | Fuel Contributed Factor | Smoke Density Factor |
|---|---|---|---|
| Asbestos-Cement Board | 0 | 0 | 0 |
| Red Oak Flooring | 100 | 100 | 100 |
| AIR-KRETE Ultralight Cementitious Insulation Material | 0 | 0 | 0 |

CONCLUSION: Based on one test , the flamespread, calculated according to ASTM E-84-81a, meets Class A - 25 or under flamespread.

Test extended to 30 minutes with no further flame progression.

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