

CERTIFICATION REPORT OF A

STANDARD FLAME SPREAD PROGRAM

CONDUCTED ON A

THERMAL INSULATING MATERIAL

CLIENT:

REFLECTIX, INC. #1 SCHOOL STREET MARKLEVILLE, IN 46056

REPORT PREPARED BY:

INTERTEK TESTING SERVICES NA LTD.
WARNOCK HERSEY
211 SCHOOLHOUSE STREET
COQUITLAM, B.C.
V3K 4X9

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of aluminium adhered to a layer of polyethylene, two inner layers of bubble, and a center layer of polyethylene. The material was described by the client as Reflectix Insulation, also sold under the private label name "TempShieldTM". All samples were approximately 24 ft. long by 20-1/2 in. wide

Reflectix, Inc.

by 3/16 in. thick.

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SAMPLE MOUNTING

The samples were placed on the upper ledge of the flame spread tunnel on 1/4 in. stainless steel rods, spaced at 24 in. on center, and chicken wire to help support the material during the test. A layer of 6mm reinforced cement board was placed over top of the samples, the lid lowered into place, and then tested in accordance with ASTM E84-01.

When the smoke from a burning sample obscures the light beam, the output from the photocell decreases. This decrease with time is recorded and compared to the results

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CALCULATIONS:

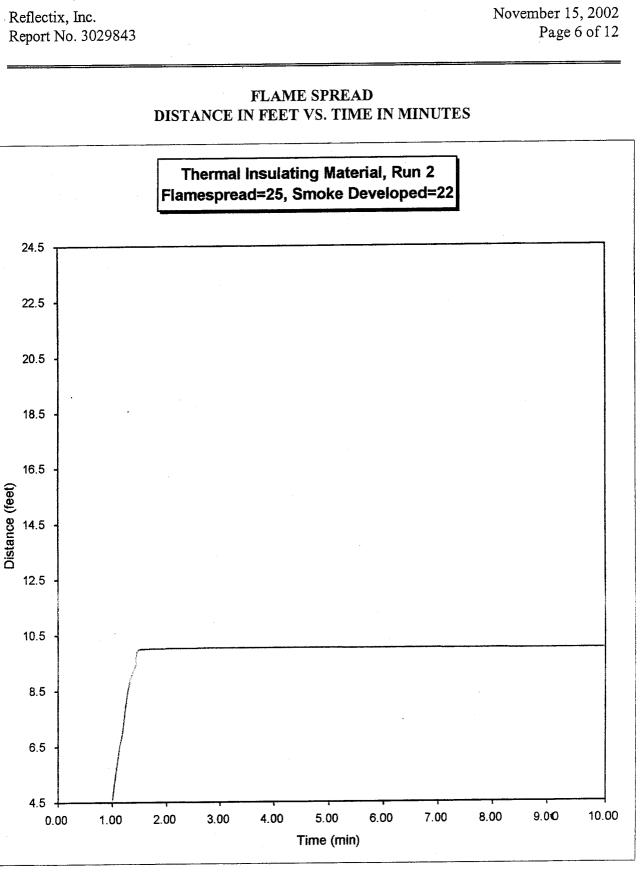
Reflectix, Inc.

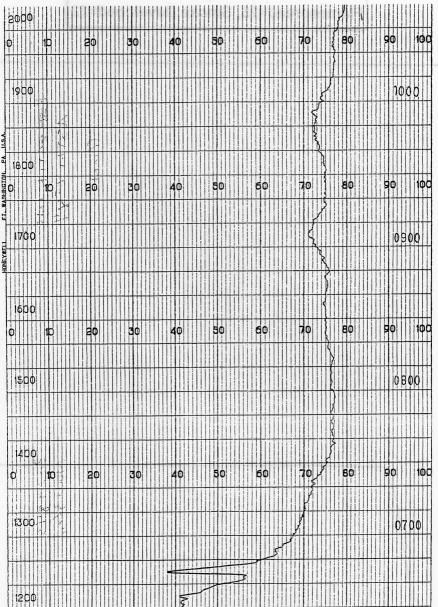
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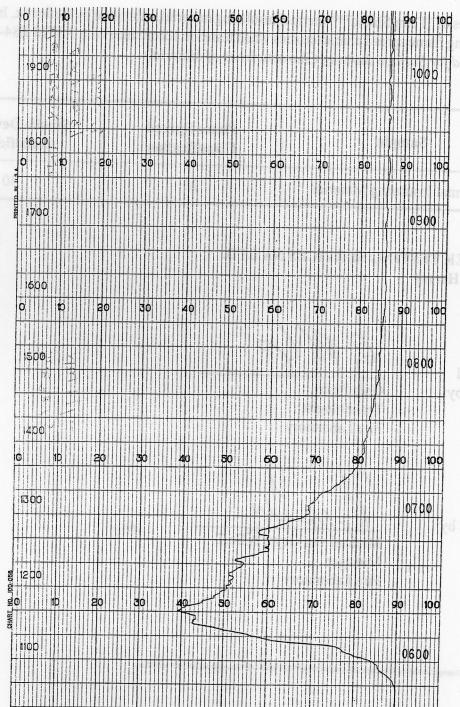
down the tunnel duct.

obtained for red oak, which is 100.

10,000 - (smoke integrator reading) x 100 = smoke developed 3356







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CONCLUSION

The samples of "TempShieldTM" thermal insulating material, submitted by Reflectix, Inc., exhibited the following flame spread characteristics when tested in accordance with ASTM E84-01, Standard Test Method for Surface Burning Characteristics of Materials.

Sample	Flame Spread Classification	Smoke Developed Classification
Thermal Insulating Material	25	30

INTERTEK TESTING SERVICES NA LTD. Warnock Hersey

Tested and

Reviewed by:

GP/bjm

Greg Philp Reported by: Technologist Fire Laboratory

Michael van Gevn. Manager

Fire Laboratory

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