REPORT OF TEST

SGS U.S. Testing Company Inc.

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REPORT NUMBER: 740861-5
DATE April 1, 2015

CLIENT: ROSCO LABORATORIES, INC.
1120 N. Citrus Avenue
Hollywood, CA 90038

SUBJECT: CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS

REFERENCES:
1. Our confirmation to the Client dated August 13, 1997.
2. Testing conducted on August 20, 1997.
3. Testing authorized by Barn Brown
4. Test samples received on August 11, 1997
5. Client's Purchase Order No. 97111.

SAMPLE ID: The Client submitted and identified the sample as.

Performance Floor covering material

TEST PROCEDURE: The submitted sample was tested for flammability in accordance with the procedures outlined in ASTM E648-95a, "Standard Test Method for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source" The foregoing test procedure is comparable to NFPA No 253

PREPARED BY:
Brian Ortega
Test Technician/gb

SIGNED FOR COMPANY BY:
Michael S. Elliott
Manager/Fire Tech. Dept

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PREPARATION AND CONDITIONING:

The sample was cut into three sections 10" wide by 42" long and adhered to ¼" inorganic reinforced cement board with Rosco Adhesive No. 500

Prior to clamping the floor covering system in the mounting frame, the specimens were conditioned at 21 ± 3°C and a relative humidity of 50 ± 5% and allowed to reach moisture equilibrium.

TEST PROCEDURE:

The test chamber was pre-heated for one hour and the radiant panel black body temperature verified to be within 5°C of the temperature established during calibration. The pilot burner was ignited and the specimen inserted into the chamber. After a five minute pre-heat, the pilot burner flame was placed in contact with the specimen for five minutes, then removed. The test was continued until all flaming ceased. The distance burned was measured and converted to Critical Radiant Heat Flux at flame out

TEST RESULTS:

Sample: Performance floor covering material

Specimen Number	Burn Distance Centimeters	Critical Radiant Heat Flux, Watt/cm²
1	27.0	0.74
2	26.0	0.76
3	24.0	0.79
Average	25.7	0.76

OBSERVATIONS:

Moderate charring and smoke evolution was noted

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REQUIREMENTS:

The 1988 Edition of the NFPA "Life Safety Code" provides the following classification for regulating interior flooring materials in specified occupancies:

CLASS I - Includes materials which have a minimum Critical Radiant Flux of 0.45 watts/cm^2.

CLASS II - Includes materials which have a minimum Critical Radiant Flux of 0.22 watts/cm^2

Examples of the requirements for application of interior flooring material in exits and corridors for specified occupancies are listed below

Health Care Centers
Class I in new facilities and for newly installed flooring materials in existing facilities

Child Care Centers
Class I or II in both new and existing facilities

Hotels and Dormitories
Class I or II in both new and existing facilities

Apartments
Class I or II in both new and existing facilities

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End of Report