



TEST REPORT

**ROBERTSON INDUSTRIES
4145 W. MERCURY WAY
CHANDLER, AZ 85226**

DTL REPORT NO 7028006-2
REPORT DATE 5/23/07
RECEIVE DATE 5/8/07

ATTN: Richard Hawley

SAMPLE DESCRIPTION

Robertson Industries submitted eight (8) 9 inch x 9 inch samples identified as TotTurf Unitary Rubber Samples

WORK REQUESTED/TEST SPECIFICATIONS

Flammability per ASTM D2859-04

SAMPLE CONDITIONING

Prior to testing, the samples were conditioned at $23 \pm 2^{\circ}\text{C}$ and $50 \pm 5\%$ relative humidity, as applicable.

TEST RESULTS

FLAMMABILITY PER ASTM D2859-04

Results:



Sample ID	Distance from charred region of specimen to steel frame (mm)	Burn Time (sec)
1	90 mm (ignition flame burned out)	162
2	90 mm (ignition flame burned out)	153
3	90 mm (ignition flame burned out)	150
4	90 mm (ignition flame burned out)	180
5	90 mm (ignition flame burned out)	142
6	90 mm (ignition flame burned out)	132
7	90 mm (ignition flame burned out)	169
8	90 mm (ignition flame burned out)	169

Requirements: The charred portion of the tested specimen shall not extend to within 25 ± 0.5 mm [1.0 inch] of the edge of the hole in the steel frame at any point.

Conclusion: The specimens meet the stated requirements.

TEST EQUIPMENT

Detroit Testing Laboratory, Inc.'s calibration system meets the requirements of ISO 17025:2005.

Mitutoyo; 12" Stainless Steel Ruler, M/N 182-255, ID: 09955, calibrated to: 5/2007.

Sportline; Stop Watch, ID 11987, calibrated to: 8/2007.

Fluke Hydra; Data Logger, S/N 5624653, ID: 10890, calibrated to: 1/2008.

Blue M Electric Co.; Stabil-Therm Constant Temperature Cabinet (Oven #12), M/N OV-500C-2, ID: 08629, no calibration required.

SAMPLE DISPOSITION

The test samples were returned to the originating department.

Reported by:

DETROIT TESTING LABORATORY, INC.


David Smith, Laboratory Supervisor
Materials Testing


Timothy R. Geiger, Group Manager
Materials Testing

DS/TRG/etj