

TEST REPORT



1325 North 108th E. Ave.
Tulsa, OK 74116
918.437.8333 ph. | 918.437.8487 fx.

CLIENT: Airfield Systems
8028 N. May Ave, Ste 201
Oklahoma City, OK 73120

Attn: Michael Bean

Test Report No:	TJ0963	Date:	November 21, 2012
------------------------	---------------	--------------	--------------------------

REFERENCE: QAI Laboratories Proposal Number FB110812-1

SUBJECT: Evaluation of the sample per ASTM C 518-10 Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus

SAMPLE ID: One sample identified by client as: Airdrain™ Sythetic Turf Rooftop Drainage, was received from client on 11/14/12 in good condition.

TEST REQUESTED: The material was tested and evaluated for Thermal Conductivity in accordance with the procedures outlined in ASTM C 518-10.

TEST DATE: 11/20/12

RESULTS: See test data on the following pages.

CERTIFICATION: The tests reported here were conducted under the continuous direct supervision of QAI Laboratories Inc., Tulsa, OK.

**SIGNED FOR AND ON BEHALF OF
QAI LABORATORIES, INC.**

Linda Lewis
Materials Department Technician

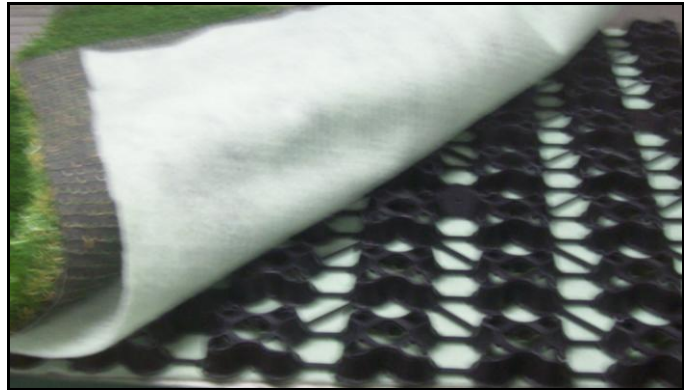
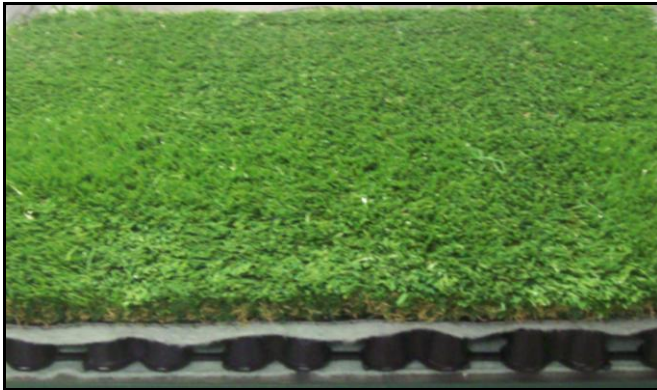
Randall P. Baker, PE
Tulsa Plumbing and Materials Manager

Test Procedure and Results

Sample ID: Airdrain™ Synthetic Turf Rooftop Drainage

Thermal Conductivity/Thermal Resistance
ASTM C 518-10

T_H = Hot Plate Temp (°F)	102.26
T_C = Cold Plate Temp (°F)	51.33
Q = Heat Flow (mV)	4.903
$\Delta\chi$ = Sample Thickness (in.)	1.743
ΔT = Hot Plate - Cold Plate (°F)	50.93
k = Thermal Conductivity, (BTU in) / (hr·ft ² ·°F)	0.6326
R = Thermal Resistance, (hr·ft ² ·°F) / BTU	2.7553



End of Report