



TESTING SERVICES, INC.
 817 SHOWALTER AVE. • P.O. BOX 2041
 DALTON, GEORGIA 30722-2041
 PHONE: (706) 226-1400 • FAX: (706) 226-6118



TEST REPORT

CLIENT:	TotTurf by Robertson Industries	REPORT NUMBER:	43704AR
	16031 E. Arrow Way, Suite J	LAB TEST NUMBER:	2015-6214
	Irwindale, CA 91706	DATE:	January 28, 2009

TURF ID:

Identification
1/2" Top Cap of TotTurf Thermal Supreme Pour-In-Place

Test Scope: This test method determines rainfall drainage capacity (permeability) of submitted material.

Test Method: ASTM F1551-03: Standard Test Methods for Comprehensive Characterization of Synthetic Turf Playing Surfaces and Materials: Suffix-DIN 18-035, Part 6: Water Permeability of Synthetic Turf Systems and Permeable Bases

Test Equipment:

Tube:	10.75" OD 10.00" ID 8" Length (Beveled)
Tube Weight:	39 lbs
Tube Flow Head:	2 Gallons
Tube Index Mark:	6"
Flange:	9.375" Diameter

Test Sampling:

# of Specimens:	(1) 1/2" Top Cap + PIP (5.5" total thickness)
Pre-Conditioning:	70°F 65% RH for 24 Hours Minimum

Test Procedure: An 18"x18"x5.5" Pour-In-Place was selected to perform drainage. The top cap was sealed using wax so that the water would drain thru the cap into the Pour-In-Place and out the bottom. Water was pumped into the tube faster than could drain, until the water level was above the timing mark of 6". A stopwatch was activated when the water level reached 6" and terminated when the water level reached the highest areas of the surface of the top cap. The flow time was recorded in seconds. This procedure was repeated four passes, with the first pass for system conditioning, and not included for calculation. Test data values represent drainage rates for the top cap and pour in place, and do not take into account the percolation properties of an underlying sub base.

(1)



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Attachment to Report # 43704A

TotTurf by Robertson Industries
 16031 E. Arrow Way, Suite J
 Irwindale, CA 91706

Test Data:

Pass #	Water Flow Thru 6" Zone	Gallons/minute/yd ²	Rainfall Capacity
1	110.9 Seconds	18.2	55.9 inches/hour
2	116.7 Seconds	17.3	53.1 inches/hour
3	121.9 Seconds	16.6	50.8 inches/hour

Test Summary:

Average Rainfall Capacity
53.2 inches/hour

Approved By:

Erle Miles, Jr. VP
 Testing Services, Inc