



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 | |

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

<u>Test Method:</u> 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

<u>Test Equipment:</u> 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

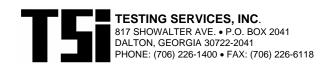
<u>Test Sampling:</u> # of Specimens: (1) 1/2" Top Cap + PIP (5.5" total thickness)

Pre-Conditioning: 70°F 65% RH for 24 Hours Minimum

<u>Test Procedure:</u> 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.





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 |