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TEST REPORT

TEST REPORT NUMBER: 30032B

LAB TEST NUMBER: 1594-1478

Date: March 22, 2005

INTRODUCTION: A sample of Play Space / Rainbow Turf *Rubber Walk* was submitted for testing by client. TSI was requested to perform testing on sample to determine its water permeability.

TEST METHODS: ASTM F 1551, *Water Permeability of Synthetic Turf Systems and Permeable Bases, DIN 18-035*

TEST PROCEDURES: A 16 x 28 –Inch sample was secured by forming a bottom to an open ended 8 –Inch I D diameter, 10-Inch long tube. The tube was marked on the inside in one inch increments. Water was pumped into the tube at a faster rate than it was exiting. The flow rate was timed as it fell through a 6 –inch marked area within the tube. Three replicate tests were made and averaged for the sample. From this data the flow rate was computed.

TEST RESULTS:

SAMPLE	AVG TIME THRU 6" ZONE	GAL/MIN/YD
Rubber Walk	2.1s	957.3

Rainfall Capacity	Inches / Hour
V-8290d $\log (1+6/d)/(1+0.236D)t$	2937.2