

TEST REPORT

CLIENT: Covenant Sports Turf
2588 Cardington Green
Uniontown OH 44685

REPORT NUMBER: 26818A

LAB TEST NUMBER: 1496-8258

DATE: March 25, 2004

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

TEST PROCEDURE:

The 10 x 12 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 each sample. From this data the flow rate was computed.

TEST RESULTS:

SAMPLE	AV. TIME THRU 6" ZONE	GAL/MIN/YD ²
CSTURF-O w/ 3 lbs/ft ² 100% Crumb Rubber Infill	68.6	29.4

Rainfall Capacity	Inches/Hour
$V=8290d \log(1+6/d) / (1+0.236d)t$	90.3