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TEST REPORT

CLIENT:	US Greentech, L.L.C.	REPORT NUMBER:	47115-01
	3607 Church Street #300	LAB TEST NUMBER:	2129-1545-02
	Cincinnati, OH 45244	DATE:	February 18, 2010

TEST MATERIAL:

Turf ID	Infill	Pad	Subbase
1 ¾" Height Dual Fiber Monofilament/Texturized Monofilament	6.0 lbs/ft ² Acrylic Coated Sand	Closed Cell Foam	2" Stone

Test Scope: Data obtained from this test method are indicative of cushioning properties of the playing surface system and materials under the specific conditions selected. The playing system is impacted at a specified velocity with a missile of given mass and geometry to determine the maximum value of *G encountered during impact*.

Test Method: *ASTM F355-01: Standard Test Methods for Shock-Absorbing Properties of Playing Surface Systems and Materials (Procedure A)*

Test Equipment:

Description:	Clearview Bumper mfg by TSi (US Patent # 6,925,898 B2)
Tube:	Clear Acrylic
Missile Weight:	9.1 kg (20 lb)
Missile Circumference:	129 cm ² (20 in ²)
Data Collection:	Oceana Sensor (Bluetooth) with ICBM Monitor Software

Test Procedure: The infilled turf and pad was positioned over the sub base with the clearview bumper (gmax test equipment) placed level over the entire playing surface system. The missile was released, so as to impact the center of the assembly at a velocity of 3.43 m/s at a drop height of 24". Three drops were made at 3minute intervals. The first drop was for assembly conditioning and was not included in the average.

Test Results:

Test Date:	February 10, 2010
Test Environment:	60°F 35% RH

G-Max Read Drop #2	G-Max Reading Drop #3	Average G-Max Reading
105	116	111

Approved By:

Erle Miles Jr VP
 Testing Services Inc