

## National Distribution 888-380-5575

# TURF-TRAY PAVER SYSTEM

# ADA ACCESSIBILITY / ASTM-F1951

	TES	T REPORT	
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CLIENT:	SGW & Tile Tech Inc. 1317 W. Royal Lane	REPORT NUMBER:	64573 2732-4476
	Dallas, TX 75261	DATE:	August 3, 2015
		PAGE:	1 of 1
Test Material	<u>l:</u>		
	Turf Identification	Infill System	Sub Base
	Everglade Fescue	2.5 lbs/ft <sup>2</sup> 20/40 Silica Sand	2" Aggregrate
INTRODUCTIC TEST METHOI REQUIREMEN	above described material b <u>D:</u> ASTM F1951: Standard S Under and Around Playgi <u>IT:</u> A surface in place shall hav and for turning <i>less</i> than th	ing used under and around playground equipment. ecification for Determination of Accessibility of Surface Systems bund Equipment e average work per foot (work per meter) values for straight propulsion e average work per foot (work per meter) values for straight propulsion	
<u>PROCEDURE:</u>	<u>Test Surface Preparation</u> environment of 76°F and 5 a wooden box (44"W x 117 lawn roller to simulate foot	and for turning, respectively, on a hard, smooth, surface with a grade of 1:14 (7.1 %). <u>Test Surface Preparation</u> : Tests were conducted on 7/31/15 indoors at TSi Laboratories in an environment of 76°F and 55% R.H. The synthetic turf was installed over the above identified sub-base a wooden box (44"W x 117"L). The system, prior to testing, was slightly compacted using a water-fille lawn roller to simulate foot traffic. <u>Wheelchair/Operator</u> : The wheelchair used in these tests was manufactured by <i>Invcare</i> , Model	
	Action Xtra, serial Number tests. The pneumatic tires the wheelchair was 24.25 p pounds. The operator's dis <b>Torque Measuring Syster</b> 2277-07 was used as an in <i>Wrench</i> , S/N 97-0085-01.5 area under the resulting cu instrumentation were fabric bringing the total to 199 po	98J84142. This wheelchair is totally adju were inflated to 60 psi on the rear and 32 pounds and the operator's weight was 165 tribution was adjusted to 60% on the rear <u>m:</u> A certified <i>Dillion Electronic Force Ga</i> iterface between a <i>Dell</i> Laptop and a certi Software, also from Dillon, logged the loar rives. The adapters and accessories need cated locally. This total package added 10	Istable, a necessity for these psi on the front. The weight of pounds for a total of 189 wheels and 40 % on the front. <i>uge</i> , Model BFG 500N, S/N 98- ified <i>Dillon Smart Torque</i> d vs. time and integrated the led to attach the
TEST RESULT	TS: (Average Work/ft-Force)		
Baselin	ne Straight (Average Work/ft-Force)	Everglade Fescue w/infill Syster	m (Average Work/ft-Force)
	13.50 lbs	8.38 lb	S
Baselir	ne Turning (Average Work/ft-Force) 10.24 lbs	Everglade Fescue w/infill System 5.97 lb	
Conclusion:		neets/exceeds both the straight line and to and therefore, passes the standard.	urning propulsion requirements
Approved By:			
TSi Accreditation	Erle Miles, Jr V.P., Testing Ser Our laboratory is accredited with	rvices Inc ith US Dept of Commerce, National Institute of	Standards and
		005. TSi is a recognized certified laboratory by	



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