PRO-TURF LAB
Division of Professional Testing Laboratory, Inc.

DATE: 06-12-2020	TEST NUMBER: 0404461

CLIENT	Turf and Ivy Solutions

TEST CONDUCTED	ASTM F1951 Test Method for Determination of Accessibility of Surface Systems Under and Around Playground Equipment

PRODUCT NAME	Tranquility
DESCRIPTION OF PRODUCT TESTED	Turf

PROCEDURE

This specification establishes minimum characteristics for those factors that determine accessibility. This specification applies to all types of materials that can be used under and around playground equipment. Playground surfaces represented as complying with this specification shall meet all applicable requirements regarding accessibility specified herein. Wheelchair work measurement method - straight propulsion and wheelchair work measurement method - turning shall be performed to conform with the requirements specified. Data was gathered by use of a "Smart Wheel" attached to the Everest and Jennings Traveler wheel chair fitted with pneumatic wheels.

REQUIREMENT CRITERIA

A surface in place shall have average work per foot (work per meter) values for straight propulsion and for turning less than the average work per foot (work per meter) values for straight propulsion and for turning, respectively, on a hard, smooth, surface with a grade of 1:14 (7.1 %).

TEST RESULTS

	Straight Line Propulsion	Turning Propulsion
BASELINE	14.9 lbs. (Average work/ft Force)	11.7 lbs. (Average work/ft Force)
	10.7 lbs. (Average work/ft Force)	8.4 lbs. (Average work/ft Force)

**NOTE: Infilled with 1.5 lbs. of sand per square foot.*

This turf system **meets** the criteria as set forth under this test method specification.

APPROVED BY: Gary Ashury

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