

TEST REPORT

CLIENT:	Recycled Rubber Pro	ducts LLC	REPORT NUMBER:	38949A	
	175 South Des Plaines Street		LAB TEST NUMBER:	1885-1766	
	Joliet, IL 60436		DATE:	December 28, 2007	
TEST MATE	RIAL:				
Identification					
Play-Safe 3/4" Rubber Chip with Fiber					
INTRODUCTION:		The laboratory was instructed by the client, to perform ADA wheelchair accessibility for the above test material being used under and around playground equipment.			
TEST METHOD:		ASTM F1951-99: Standard Specification for Determination of Accessibility of Surface Systems Under and Around Playground Equipment			
REQUIREMENT:		A surface in place shall have average work per foot (work per meter) values for straight propulsion and for turning, <i>less</i> 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 %).			
PROCEDURE:		<u>Test Surface Preparation</u> : Tests were conducted on December 18, 2007 indoors at the laboratory in an environment of 48°F and 90% R.H. The rubber mulch was installed in a wooden box (44"W x 117"L x 6" Thick). The system, prior to testing, was slightly compacted using a water-filled lawn roller to simulate foot traffic.			
		by <i>Invcare</i> , Model Action totally adjustable, a nece to 60 psi on the rear and 24.25 pounds and the op	The wheelchair used in these tern Atra, serial Number 98J84142, essity for these tests. The pneur 32 psi on the front. The weight perator's weight was 165 pound distribution was adjusted to 60%	This wheelchair is natic tires were inflated of the wheelchair was s for a total of 189	
		BFG 500N, S/N 98-2277 and a certified <i>Dillon Sm</i> from Dillon, logged the lo curves. The adapters an	tem: A certified <i>Dillion Electror</i> 7-07 was used as an interface be <i>hart Torque Wrench</i> , S/N 97-008 bad vs. time and integrated the a d accessories needed to attach Fhis total package added 10 pour pounds.	etween a <i>Dell</i> Laptop 5-01. Software, also area under the resulting the instrumentation	



Attachment to Report # 38949A

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TEST RESULTS:

Straight Line Propulsion			
Baseline Straight (Average Work/ft-Force)	Play-Safe ¾" RubberChip with Fiber (Average Work/ft-Force)		
14.79 lbs	12.19 lbs		

Turning Propulsion

Turning Trobalson				
Baseline Turning (Average Work/ft-Force)	Play-Safe ¾" RubberChip with Fiber Turning (Average Work/ft-Force)			
10.48 lbs	9.40 lbs			

CONCLUSION:

The above test material *meets/exceeds* both the straight line and turning propulsion requirements set forth in this test method and therefore, passes the standard.