## **TEST REPORT**

CLIENT:	MNY Group, LLC	REPORT NUMBER:	60267B					
	2010 East Hennepin Avenue #8	LAB TEST NUMBER:	2591-8705					
	Building 8 Suite 206	DATE:	March 25, 2014					
	Minneapolis, MN 55413	PAGE:	1 of 2					
Tile Identification	020614B	020614B						
Tile Thickness	10mm							
Sub Base	Concrete	Concrete						
Tested Dimension:	24" X 24"							
Impact Locations:	Various							
Date of Receipt:	February 20, 2014	February 20, 2014						
Testing Period:	March 5 & 6, 2014	March 5 & 6, 2014						
Authorization:	Jason Bahrke	Jason Bahrke						
Test Procedure:	The submitted sample w procedures outlined in A Surface Systems Under	The submitted sample was evaluated for Shock Absorbing Properties in Accordance with the procedures outlined in ASTM F 1292-10; Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment						
<u>Missle:</u>	Hemispherical (Triaxial A	Hemispherical (Triaxial Accelerometer): Total Drop Assembly Weight (46g) 10 lbs						
Test Equipment:	<u>ent:</u> Triax 2000 Surface Impactor Date of Last Calibration: 3/13/2012 by Alpha Automation							
Sample Pre-Conditio	<u>n:</u> 50±10 RH, 70F±5F for a	a minimum of 24 hrs piror to testing	g					
Temperature:	<u>Gm</u> :	Maximum Drop Height That Gives a Gmax of 200 or Less and A HIC of 1000 or less						
Ambient, 61.7ºF 38%	RH	1'						
Hot, 120°F (49°C)		1'						
Cold, 25°F (-6°C)		Not Tested Per Client						
Critical Fall Height (	CFH):	1'						

Prepared and signed by:

Erle Miles, Jr. VP Testing Services Inc.

OUR LETTERS AND REPORTS APPLY ONLY TO THE SAMPLE TESTED AND ARE NOT NECESSARILY INDICATIVE OF THE QUALITIES OF APPARENTLY IDENTICAL OR SIMILAR PRODUCTS, THESE LETTERS AND REPORTS ARE FOR THE USE ONLY OF THE CLIENT TO WHOM THEY ARE ADDRESSED AND THEIR COMMUNICATION TO ANY OTHERS OR THE USE OF THE NAME TESTING SERVICES, Inc. MUST RECEIVE OUR PRIOR WRITTEN APPROVAL. THE REPORTS AND LETTERS, AND OUR NAME, OUR SEALS, OR OUR INSIGNIA ARE NOT UNDER ANY CIRCUMSTANCES TO BE USED IN ADVERTISING TO THE GENERAL PUBLIC. VISIT OUR WEBSITE AT www.tsiofdalton.com



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	Building 8 Suite 206			DATE:	DATE:		3/25/2014		
	Minneapo	lis, MN 55413		PAGE:	PAGE:		Page 2 of 2		
	Drop #	Velocity ft/sec	Angle	Drop Ht/Actual	Drop Ht/Theoretical	Gmax	HIC		
	1	8.3	8	1'	1.07	117	197		
∑	2	8.4	8	1'	1.10	118	197		
D H	3	8.4	9	1'	1.10	126	213		
:uc	Average			Drops 2, 3		122	205		
diti 38			A	Dren LH/Astus					
oF oF	Drop #	Velocity ft/sec	Angle	Drop Ht/Actual	Drop Ht/Theoretical	Gmax	HIC		
1ple C : 61.7		11.5	6.0	2	2.06	435	1846		
	2	11./	4.0	2	2.13	426	1/86		
ian ure	3	11./	/.0	2	2.13	430	1829		
T S rati	Average	<u> </u>		Drops 2, 3		428	1808		
EN	Dress //		Anarla	Drop Lit/Actual	Dian LH/The energiant				
em	Drop #	Velocity ft/sec	Angle	Drop Ht/Actual	Drop Ht/Theoretical	Gmax	HIC		
AN T		N/A	N/A	N/A	#VALUE!	N/A	N/A		
	2	N/A	N/A	N/A	#VALUE!	N/A	N/A		
	3	N/A	N/A	N/A	#VALUE!	N/A	N/A		
	Average			Drops 2, 3		######	######		
	Dron #	Velocity ft/sec	Anglo	Dron Ht/Actual	Dron Ht/Theoretical	Cmay	HIC		
	DI0p #		Angle	1'		1/5	265		
	ו ר	0.3	0	1 1'	1.07	140	205		
∑ _	2	0.3	<u>з</u> 6	1 1'	1.07	160	370 277		
L T	J	0.4	U		1.10	100	211		
ion: 0%	Average	L	I	Dioh2 2' 2		104	337		
- 20	Dron #	Velocity ft/sec	Anale	Drop Ht/Actual	Dron Ht/Theoretical	Gmax	HIC		
Cor 0 el	1	11.5	3	2'	2.06	498	2604		
le ( 12(	2	11.5	5	2'	2.00	165	2268		
mp e:	3	11.6	6	2'	2.00	479	2359		
Sai		11.0		Drops 2 3	2.07	322	2314		
ED :	Average	<b>.</b>	I			JLL	2317		
ATE mp	Drop #	Velocity ft/sec	Angle	Drop Ht/Actual	Drop Ht/Theoretical	Gmax	HIC		
HE/ Te	1	N/A	N/A	N/A	#VALUE!	N/A	N/A		
<u> </u>	2	N/A	N/A	N/A	#VALUE!	N/A	N/A		
	3	N/A	N/A	N/A	#VALUE!	N/A	N/A		
	Average			Drops 2, 3		######	######		

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END OF REPORT 60267B

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