

## ASTM F1292 Test Report

Date: May 22, 2008

There shall be one report for each play structure or functionally linked play structures and for each type of surface material. Each test shall comprise of a minimum of 3 impact locations per playspace or type of surfacing material with three drops from the same height to the same point. The report shall be descriptive enough to assist the user of the report in determining compliance with contracts and Standards. The CSA Z614-03 and the ASTM F1292 set minimum values as the Gmax shall not exceed 200 and the HIC shall not exceed 1000 from the drop height stipulated by the owner/operator prior to purchase.

Agency requesting the tests	Playground Site	Manufacturer/Supplier/Installer of Surface
Name Pine Valley Enterprises Inc.	Name Crosby Park, Swings	Name Everplay Installation
Address 73A Corstate Ave	Address	Address 18 Automatic Rd, Unit 12
City Concord State/Prov ON	City Richmond Hill State/Prov ON	City Brampton State/Prov ON
Zip/Postal L4K 4Y2 Country CAN	Zip/Postal	Zip/Postal L6S 5N5
Contact name Joe Cacciola	Contact name	Contact name Henry Helps
Contact phone 905 760-2215	Contact phone	Contact phone 416 410-3056

Date of test:	May 22, 2008	Name of test apparatus:	Triax 2000
Description of surface(s):	Poured Rubber		
Type:	Synthetic	Product name:	Everplay
Date installed:	N/A	Critical height:	> 2.4 m
Thickness of surface material:	N/A	maximum:	13.3 cm
		minimum:	11.5 cm
		average:	12.17 cm
Evenness (comment on wear patterns and disruption):			
Seams: location:	None	gaps and condition:	
level across seams:			
Fasteners:	N/A	type:	
condition:			
Weather condition of test:	Sunny, warm	frozen:	
dry:		wet:	Yes
Surface condition:			
Temperature: ambient air:		surface temperature taken 6" depth for loose fill or 1/2" depth for unitary:	
Other conditions or observations:			
Mats, walkways or ramps;	N/A	number:	
condition:		requires impact test:	no
Pictures (file names); general playground	See below	test locations:	See below

The drop height each test location shall be the greater of the critical height for the surface material, the fall height for the play structure as stated in the relevant playground Standard or the height specified by the owner/operator prior to purchase. The drop height is physically measured. The drops are performed from the same drop height to the same point on the surface.

Drop #	Drop height	Drop location in relation to structure	Picture	Velocity cm/sec	Gmax	HIC
1	2.4 m	East end	DSCN0526	681	54	268
2				681	52	237
3				681	54	249
Av. 2&3					53	243
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.4 m	Middle, North side	DSCN0527	681	67	323
2				681	65	288
3				681	67	296
Av. 2&3					66	292
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.4 m	West end	DSCN0528	678	59	259
2				678	61	269
3				678	62	277
Av. 2&3					62	273

The results herein reflect the performance of the tested playground surface at the time of testing and at the temperature(s) and ambient conditions reported. Performance will vary with temperature, moisture content and other factors.

Test performed by:	Jonathan Huber	Authorized signature:
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