

## ASTM F1292 Test Report

Date: August 28, 2007

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 South Tire Swing	Manufacturer/Supplier/Installer of Surface
Name Calgary Board of Education	Name Hamptons	Name EVERPLAY Installation Inc.
Address Highfield Bldg, 3610 9 <sup>th</sup> St. S.E.	Address Hamptons Blvd.	Address 18 Automatic Rd., Unit 12
City Calgary State/Prov Alberta	City Calgary State/Prov Alberta	City Brampton State/Prov Ont
Zip/Postal T2G 3C5 Country	Zip/Postal Country	Zip/Postal L6S 5N5 Country
Contact name Raymond Hauck	Contact name	Contact name Henry Helps
Contact phone 403-777-7146	Contact phone	Contact phone 416-410-3113

Date of test:	August 28, 2007	Name of test apparatus:	Triax2000 current references
Description of surface(s):	Poured in place green surface		
Type:	Unitary	Product name:	EVERPLAY
Date installed:	August 2007	Critical height:	>8'
Thickness of surface material:	80mm	maximum:	90mm
Minimum:	70mm	average:	80mm
Evenness (comment on wear patterns and disruption):			
Seams: location:	None	gaps and condition:	None
level across seams:	Na		
Fasteners:	None	type:	
condition:			
Weather condition of test:	Sunny with some cloud	frozen:	No
dry:	Yes	wet:	No
Surface condition:	New and in good condition		
Temperature: ambient air:	22.6C	surface temperature taken 6" depth for loose fill or 1/2" depth for unitary:	28.4C
Other conditions or observations:			
Mats, walkways or ramps;		number:	
condition:		requires impact test:	yes/no
Pictures (file names); general playground		test locations:	

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	2.2m	Top of support northeast side of east swing bay	DSC8262	653	91	440
2				653	89	415
3				653	94	440
Av. 2&3					92	428
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.2m	Top of support southeast side of east swing bay	DSC8263	653	108	581
2				653	113	621
3				653	110	596
Av. 2&3					112	428
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.2m	Top of support west side of swing centre of bay	DSC8364	653	98	490
2				653	100	586
3				653	98	490
Av. 2&3					100	484

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:	Rolf Huber	Authorized signature:	
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