

ASTM F1292 Test Report

Date: October 8, 2009

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 Z614-07 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 Overhead events	Manufacturer/Supplier/Installer of Surface
Name Hank Deenen Landscaping Ltd	Name Glen Cedar Park	Name EVERPLAY Installation Inc.
Address 1774 Midland Ave	Address Glencedar Rd.	Address 18Automatic Rd. Unit 12
City Scarborough Prov ON	City Toronto State/Prov ON	City Brampton State/Prov ON
Postal M1P 3C2 Country	Zip/Postal Country	Zip/Postal L6S 5N5 Country
Contact name Harold Deenen	Contact name	Contact name Henry Helps
Contact phone (416) 757-3218	Contact phone	Contact phone 416-410-3056

Date of test:	October 8, 2009	Name of test apparatus:	Triax2000
Description of surface(s):	Pigmented poured in place surface		
Type:	Unitary	Product name:	EVERPLAY
Date installed:	September 09	Critical height:	>13'
Thickness of surface material:	136mm	maximum:	143mm
Minimum:	132mm	average:	135mm
Evenness (comment on wear patterns and disruption):	Even throughout area		
Seams: location:	Na	gaps and condition:	Na
level across seams:	Na		
Fasteners:	Na	type:	Na
condition:	Na		
Weather condition of test:	Cloudy and cool	frozen:	No
dry:	Yes	wet:	No
Surface condition:	New surface		
Temperature: ambient air:	16C	surface temperature taken 6" depth for loose fill or 1/2" depth for unitary:	18C
Other conditions or observations:			
Mats, walkways or ramps;	number:	condition:	requires impact test: yes/no
Pictures (file names); general playground	See each drop	test locations:	As directed by client

The drop height each test location shall be the greater of the critical height for the surface material, the fall 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	2.55m	between vertical spinner and chin-up bar 132mm	DSC4775	254	79	411
2				254	80	398
3				254	81	404
Av. 2&3					81	401
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.55m	east side of upside down wheel 143mm	DSC4776	254	74	443
2				254	72	416
3				254	75	413
Av. 2&3					74	415
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.55m	north side of yellow hand over hand 138mm	DSC4777	254	66	385
2				254	65	337
3				254	67	349
Av. 2&3					66	343

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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