

## ASTM F1292 Test Report

Date: 24-11-10

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 Evos	Manufacturer/Supplier/Installer of Surface
Name : Hermanns Contracting Ltd.	Name: Mount Pleasant Village	Name: Everplay Installation Inc.
Address :1510 Hwy 27 P.O. Box 369	Address: Commuter Drive	Address: #12-18 Automatic Rd.
City :Schomberg Prov: Ontario	City: Brampton State/Prov: Ontario	City: Brampton State/Prov: Ontario
Postal:LOG -1T0 Country: CANADA	Zip/Postal: Country: CANADA	Zip/Postal: L6S-5N5 Country: CANADA
Contact name: Gord Kerr	Contact name	Contact name Henry Helps
Contact phone:905-939-1230	Contact phone	Contact phone 416-410-3056

Date of test:	24-11-10	Name of test apparatus:	Triax2000
Description of surface(s):	New Poured in Place with EPDM top layer		
Type:	Unitary	Product name:	Everplay
Date installed:	Nov 2010	Critical height:	≥ 4m
Thickness of surface material:	150mm	maximum:	150mm
Minimum:	150mm	average:	150mm
Evenness (comment on wear patterns and disruption):	N/A		
Seams: location:	At colour change	gaps and condition:	None
level across seams:	No trip hazard		
Fasteners:	No	type:	N/A
condition:	N/A		
Weather condition of test:	Cold, windy and Dry	frozen:	No
dry:	Yes	wet:	No
Surface condition;	New		
Temperature: ambient air:	0C	surface temperature taken 6" depth for loose fill or 1/2" depth for unitary:	-5C
Other conditions or observations:	Area under construction		
Mats, walkways or ramps;	N/A	number:	N/A
condition:	N/A	requires impact test:	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 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	2.45M	North end of Evos structure at Glide 150mm	DSCN5247	694	54	260
2				691	56	263
3				695	55	253
Av. 2&3					56	258
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	3.95M	East side of Evos structure by climbing net 150mm	DSCN5249	880	63	322
2				878	72	449
3				879	72	466
Av. 2&3					72	458
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	3.95M	West side of Evos structure by Rounded Monkey Bars	DSCN5250	880	77	578
2		150mm		881	79	605
3				881	73	494
Av. 2&3					76	550

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:	Adam Huber	Authorized signature:
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