

ASTM F1292 Test Report

Date: August 29, 2006

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 Swings	Manufacturer/Supplier/Installer of Surface
Name Windsor, Parks & Recreation,	Name Boundless Playground	Name EVERPLAY Installation Inc.
Address. 2450 McDougall St	Address Riverside Dr.	Address 18 Automatic Rd., Unit 12
City Windsor State/Prov ON	City Windsor State/Prov ON	City Brampton State/Prov ON
Zip/Postal N8X 3N6 Country	Zip/Postal Country	Zip/Postal L6S 5N5 Country
Contact name Heidi Baillergeon	Contact name	Contact name Henry Helps
Contact phone 519-253-2300	Contact phone	Contact phone 416-410-3056

Date of test:	August 25, 2006	Name of test apparatus:	Triax2000 current references
Description of surface(s):	Poured in place with green EPDM topping		
Type:	Unitary	Product name:	EVERPLAY
Date installed:	August 2006	Critical height:	>3m
Thickness of surface material:	90mm	maximum:	100mm
Minimum:	50mm	average:	80mm
Evenness (comment on wear patterns and disruption):	Even across the surface		
Seams: location:	Na	gaps and condition:	
level across seams:			
Fasteners:	Na	type:	
condition:			
Weather condition of test:	Warm and sunny	frozen:	
dry:	Yes	wet:	
Surface condition:	New		
Temperature: ambient air:	27.5C	surface temperature taken 6" depth for loose fill or 1/2" depth for unitary:	35.8C
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 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	Top of swing structure south side of belt swings	DSC5713	699	87	424
2				691	84	375
3				691	82	357
Av. 2&3					83	366
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.45m	Top of swing structure south side of belt swings	DSC5714	691	84	403
2				691	85	395
3				691	86	396
Av. 2&3					86	396
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.45m	Top of swing structure north side of belt swings	DSC5715	691	79	373
2				691	75	319
3				691	80	364
Av. 2&3					77	342

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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