

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 Play Structure		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	3m	Top of horizontal at top of loop climber at airplane	DSC5716	765	103	548
2		panel		765	106	569
3				765	106	577
Av. 2&3					106	573
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.5m	Top of barrier north side of triple slide	DSC5717	704	94	456
2				704	93	442
3				706	94	445
Av. 2&3					94	444
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.75m	Top of loop south of double slide at disc climber	DSC5718	729	94	490
2				732	104	548
3				729	104	539
Av. 2&3					104	544
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.3m	Top of barrier north side of double slide	DSC5719	671	90	416
2				671	94	435
3				671	94	435
Av. 2&3					94	435

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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