

ASTM F1292 Test Report

Date: November 13, 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	Manufacturer/Supplier/Installer of Surface
Name Kon-Strutt Contracting	Name Jane St	Name Everplay Installation Inc.
Address PO Box 96522	Address 4400 Jane St.	Address 18 Automatic Rd., Unit 12
City Maple State/Prov ON	City Toronto State/Prov ON	City Brampton State/Prov ON
Zip/Postal L6A 1W5 Country	Zip/Postal Country	Zip/Postal L6S 5N5 Country
Contact name Enzo DeBellis	Contact name Vern Reed Olsen	Contact name Henry Helps
Contact phone 905-832-0158	Contact phone 416-462-3097	Contact phone

Date of test:	November 11, 2007	Name of test apparatus:	Triax2000 current references
Description of surface(s):	Poured in place pigmented red surface		
Type:	Unitary	Product name:	EVERPLAY
Date installed:	October 2007	Critical height:	>4M
Thickness of surface material:	140mm	maximum:	160mm
Minimum:	135mm	average:	140mm
Evenness (comment on wear patterns and disruption):	Even across the entire area		
Seams: location:	None	gaps and condition:	Na
level across seams:	Na		
Fasteners:	None	type:	
condition:			
Weather condition of test:	Clear	frozen:	No
dry:	Yes	wet:	No
Surface condition:	Newly installed		
Temperature: ambient air:	9C	surface temperature taken 6" depth for loose fill or 1/2" depth for unitary:	14C
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	3.55m	Between box climber and stainless steel slide	DSC8840	828	85	591
2				828	84	558
3				828	83	527
Av. 2&3					84	543
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	3.55m	In front of X&O's	DSC8841	826	85	559
2				826	84	532
3				826	85	530
Av. 2&3					85	531
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	3.55	In front of steering wheel panel	DSC8842	828	88	616
2				828	85	552
3				828	88	592
Av. 2&3					87	572

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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