CANADIAN PLAYGROUND ADVISORY Inc.
2344 Manor House Crt., Mississauga, Ontario, Canada, L5M 5Y3
Tel: (416) 410-7506 Fax: (905) 812-8036

ASTM F1292 Test Report

Date:31-10-09

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 F1292-04 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 Clarks's Construction Co.	Name Laker Playground	Name EVERPLAY Installation Inc.
Address 18109 Livernois Ave.	Address Central & Roy Streets	Address 18 Automatic Rd., Unit 12
City Detroit State MI	City Detroit State MI	City Brampton Prov ON
Zip 48221 Country USA	Zip/Postal 48210 Country	Postal L6S 5N5 Country Canada
Contact name	Contact City of Detroit Tim Karl	Contact name Henry Helps
Contact phone 313-340-5000	Contact phone 313-224-1109	Contact phone 416-410-3056

Date of test:	October 28, 2009			Name of test apparatus:		Triax2000					
Description of surface(s):	Poured-in-place pigmented red surface										
Type:	Unitary	Product name:	EVERPLAY	Date installed:	October 2009	Critical height:	>12'				
Thickness of surface material:	5"	maximum:	5"	minimum:	4.75"	average:	5"				
Evenness (comment on wear patterns and disruption):	Even across the entire surface										
Seams: location:	None	gaps and condition:	Na	level across seams:	Na						
Fasteners:	Na	type:	Na	condition:	Na						
Weather condition of test:	Overcast and cool	frozen:	No	dry:	Yes	wet:	No				
Surface condition;	New installation										
Temperature: ambient air:	61F	surface temperature taken 6" depth for loose fill or ½" depth for unitary:	77F								
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 ft/sec	Gmax	HIC
1	11.8'	Top of structure arch at purple high ball	DSC4810	27.4	70	464
2				27.5	65	393
3				27.5	73	507
Av. 2&3					69	450
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	9.2'	Orange ball above the vertical net	DSC4811	24.3	57	302
2				24.3	59	282
3				24.2	57	303
Av. 2&3					58	292
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	6'	Centre of maroon arch on west side	DSC4812	19.7	53	209
2				19.7	56	238
3				19.7	54	205
Av. 2&3					55	222

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:		Authorized signature:	