



1097 West River Rd., Cambridge, Ontario, Canada, N1R 5S5  
 Tel: 416-410-7506 Fax: 519-267-3802

# Protective Playground Surface Test Report Report Date: 07-29-2021

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 ASTM F1292-17a, F3313, CSA Z614-20, AS4422-2016, and CPSC doc 325 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		Sr. Composite Structure 2 - Galaxy		Manufacturer/Supplier/Installer of Surface	
Everplay Installation Inc.		Big Park – Regent Park Playground		Everplay Installation Inc.	
#12-18 Automatic Rd.		415 Gerrard St. East		#12-18 Automatic Rd	
Brampton	Ontario	Toronto	Ontario	Brampton	Ontario
L6S-5N5	CANADA	M5A-2H4	CANADA	L6S-5N5	Canada
Henry Helps		Unknown		Henry Helps	
416-410-3056		Unknown		416-410-3056	

Date of test:	07-29-2021	Test apparatus s/n:	30-10319	Triax2010 <input type="checkbox"/> 2015 <input checked="" type="checkbox"/>	Training Certificate #	C946		
Description of surface(s):		New Poured In Place						
Type:	Unitary	Product name:	Everplay	Date installed:	2012	Critical height:	>2.90m	
Thickness of surface material:		maximum:	140mm	Minimum:	140mm	average:	140mm	
Accessible route	Width met	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Running slope met	Yes <input type="checkbox"/> No <input type="checkbox"/>	Cross Slope met	Yes <input type="checkbox"/> No <input type="checkbox"/>		
Seams:	no	gaps:	no	level:	yes			
Fasteners:	no	type:	N/A	condition:	N/A	PS Zone met	yes	
Weather condition of test:		Warm, Cloudy, Dry, Calm		frozen:	no	dry:	yes	
Surface condition;		Good					wet:	no
Temperature: ambient air:	23C	surface temperature at the lesser of 1" or 50% of the depth of the surface:			24C			
Reference pretest drops completed:	yes	Gmax within 5% of nominal Gmax:		less than or equal to 5%				
Mats, walkways or ramps;	no	number:	N/A	condition:	N/A	requires impact test:	no	
Pictures (file names); general playground		See each drop		test locations:	As directed by client			

ASTM F1292 stipulates that the drop height for 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	Thickness	Picture	Velocity cm/sec	Gmax	HIC
1	2.44m	At Slide	140mm	20210729_143448	696	63	329
2	696				63	317	
3	695				62	308	
Av. 2&3					63	313	
1	2.85m	At Spinner with Bar	140mm	20210729_144248	750	90	529
2	751				87	495	
3	750				90	514	
Av. 2&3					89	505	
1	2.90m	At Spinner with Platform	140mm	20210729_144633	757	88	504
2	758				85	463	
3	758				86	474	
Av. 2&3					86	469	

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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