

ASTM F1292 Test Report

Date:

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.

Agency requesting the tests	Playground Site	Manufacturer/Supplier/Installer of Surface
Name Town of Petawawa	Name Civitan Playground	Name EVERPLAY Installation Inc.
Address 16 Civic Centre Rd.	Address 16 Civic Centre Rd.	Address 5915 Atlantic Dr.
City Petawawa State/Prov Ont	City Petawawa State/Prov Ont	City State/Prov
Zip/Postal K8H n3H5 Country	Zip/Postal Country	Zip/Postal Country
Contact name Mark Reinert	Contact name Mark Reinert	Contact name
Contact phone 613-687-5678	Contact phone	Contact phone

Date of test:	July 4, 2003	Name of test apparatus:	Triax2000
Description of surface(s):	EVERPLAY poured in place surface with recycled tire rubber and pigmented binder		
Type:	Synthetic	Product name:	EVERPLAY
Date installed:	June 2003	Critical height:	>3.5m
Thickness of surface material:	Varies	maximum:	110mm
minimum:	80mm	average:	Na
Evenness (comment on wear patterns and disruption):	Even		
Seams: location:	None	gaps and condition:	None
level across seams:	Na		
Fasteners:	None	type:	Na
condition:	Na		
Weather condition of test:	Sunny and warm	frozen:	
dry:	Yes	wet:	
Surface condition:	New condition		
Temperature: ambient air:	25C	surface temperature taken 6" depth for loose fill or 1/2" depth for unitary:	45C
Other conditions or observations:			
Mats, walkways or ramps:	None	number:	
condition:		requires impact test:	No
Pictures (file names): general playground	Yes	test locations:	See pictures

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	2.99M	Top of arch on vertical loop climber	DSCN0607	765	91	448
2	2.99M	Same		767	97	478
3	2.99M	Same		765	98	481
Av. 2&3					98	480
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.98M	Top arch of horizontal connector of horizontal	DSCN0608	765	101	559
2	2.98M	loop climber		765	103	561
3	2.98M	Same		765	104	582
Av. 2&3					104	572
Drop #	Drop height	Drop location in relation to structure	Picture	Velocity	Gmax	HIC
1	2.41M	Top of curved horizontal ladder climber	DSCN0611	688	62	300
2	2.41M	Same		688	63	311
3	2.41	Same		688	63	304
Av. 2&3					63	308

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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