

ASTM F1292 Test Report

Date: May 22, 2008

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 Pine Valley Enterprises Inc. | Name Crosby Park, Junior Creative | Name Everplay Installation |
| Address 73A Corstate Ave | Address | Address 18 Automatic Rd, Unit 12 |
| City Concord State/Prov ON | City Richmond Hill State/Prov ON | City Brampton State/Prov ON |
| Zip/Postal L4K 4Y2 Country CAN | Zip/Postal | Zip/Postal L6S 5N5 |
| Contact name Joe Cacciola | Contact name | Contact name Henry Helps |
| Contact phone 905 760-2215 | Contact phone | Contact phone 416 410-3056 |

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|---|---------------|--|------------|
| Date of test: | May 22, 2008 | Name of test apparatus: | Triax 2000 |
| Description of surface(s): | Poured Rubber | | |
| Type: | Synthetic | Product name: | Everplay |
| Date installed: | N/A | Critical height: | > 1.57 m |
| Thickness of surface material: | N/A | maximum: | 11.6 cm |
| | | minimum: | 9.7 cm |
| | | average: | 10.6 cm |
| Evenness (comment on wear patterns and disruption): | | | |
| Seams: location: | None | gaps and condition: | |
| Fasteners: | N/A | type: | |
| Weather condition of test: | Sunny, warm | frozen: | |
| | | dry: | |
| | | wet: | Yes |
| Surface condition: | | | |
| Temperature: ambient air: | | surface temperature taken 6" depth for loose fill or 1/2" depth for unitary: | |
| Other conditions or observations: | | | |
| Mats, walkways or ramps; | N/A | number: | |
| | | condition: | |
| | | requires impact test: | no |
| Pictures (file names); general playground | See below | test locations: | See below |

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 | 1.55 m | North corner, top of barrier | DSCN0523 | 546 | 62 | 235 |
| 2 | | | | 546 | 61 | 230 |
| 3 | | | | 546 | 61 | 214 |
| Av. 2&3 | | | | | 61 | 222 |
| Drop # | Drop height | Drop location in relation to structure | Picture | Velocity | Gmax | HIC |
| 1 | 1.57 m | East side of slide, top of barrier | DSCN0524 | 551 | 63 | 230 |
| 2 | | | | 551 | 63 | 227 |
| 3 | | | | 551 | 62 | 210 |
| Av. 2&3 | | | | | 63 | 219 |
| Drop # | Drop height | Drop location in relation to structure | Picture | Velocity | Gmax | HIC |
| 1 | 1.57 m | South side of slide, top of barrier | DSCN0525 | 549 | 80 | 309 |
| 2 | | | | 549 | 80 | 297 |
| 3 | | | | 549 | 84 | 318 |
| Av. 2&3 | | | | | 82 | 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.

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| Test performed by: | Jonathan Huber | Authorized signature: |
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