

## ASTM F1292 Test Report

Date: October 8, 2009

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 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 Junior Structure | Manufacturer/Supplier/Installer of Surface |
| Name Hank Deenen Landscaping Ltd | Name Glen Cedar Park             | Name EVERPLAY Installation Inc.            |
| Address 1774 Midland Ave         | Address Glencedar Rd.            | Address 18Automatic Rd. Unit 12            |
| City Scarborough Prov ON         | City Toronto State/Prov ON       | City Brampton State/Prov ON                |
| Postal M1P 3C2 Country           | Zip/Postal Country               | Zip/Postal L6S 5N5 Country                 |
| Contact name Harold Deenen       | Contact name                     | Contact name Henry Helps                   |
| Contact phone (416) 757-3218     | Contact phone                    | Contact phone 416-410-3056                 |

|   |                                   |  |                              |
|---|-----------------------------------|--|------------------------------|
| Date of test:                                       | October 8, 2009                   | Name of test apparatus:  | Triax2000                    |
| Description of surface(s):                          | Pigmented poured in place surface |  |                              |
| Type:   | Unitary                           | Product name:  | EVERPLAY                     |
| Date installed:                                     | September 09                      | Critical height:   | >13'                         |
| Thickness of surface material:                      | 135                               | maximum:   | 159                          |
| Minimum:  | 128                               | average:   | 135                          |
| Evenness (comment on wear patterns and disruption): | Even at all areas                 |  |                              |
| Seams: location:                                    | Na                                | gaps and condition:  | Na                           |
| level across seams:                                 | Na                                |  |                              |
| Fasteners:  | Na                                | type:  | Na                           |
| condition:  | Na                                |  |                              |
| Weather condition of test:                          | Cloudy and cool                   | frozen:  | No                           |
| dry:  | Yes                               | wet:   | No                           |
| Surface condition:                                  | New surface                       |  |                              |
| Temperature: ambient air:                           | 17C                               | surface temperature taken 6" depth for loose fill or 1/2" depth for unitary: | 18C                          |
| Other conditions or observations:                   |                                   |  |                              |
| Mats, walkways or ramps;                            | number:                           | condition:   | requires impact test: yes/no |
| Pictures (file names); general playground           | See each drop                     | test locations:  | As directed by client        |

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       | at steering wheel & net climber to senior structure 128mm | DSC4772 | 354             | 76   | 537 |
| 2       |             |   |         | 354             | 71   | 481 |
| 3       |             |   |         | 354             | 73   | 532 |
| Av. 2&3 |             |   |         |                 | 72   | 507 |
| Drop #  | Drop height | Drop location in relation to structure                    | Picture | Velocity        | Gmax | HIC |
| 1       | 3.4m        | between double slide and dinosaur 148mm                   | DSC4773 | 337             | 79   | 526 |
| 2       |             |   |         | 339             | 82   | 519 |
| 3       |             |   |         | 339             | 83   | 518 |
| Av. 2&3 |             |   |         |                 | 83   | 519 |
| Drop #  | Drop height | Drop location in relation to structure                    | Picture | Velocity        | Gmax | HIC |
| 1       | 3.4m        | between dinosuar & stairs 159mm                           | DSC4774 | 337             | 76   | 486 |
| 2       |             |   |         | 337             | 81   | 550 |
| 3       |             |   |         | 337             | 81   | 539 |
| Av. 2&3 |             |   |         |                 | 81   | 545 |

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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