TÜV SÜD America Inc.
Product Safety Services
1755 Atlantic Blvd.
Auburn Hills, MI 48326
Phone: (616) 546-4600

Surfacing Material Report – ASTM F3351-19

Customer: Everplay
Main Office Address: 18 Automatic Rd., Unit 12
Brampton, ON, CAN L6S 5N5
Phone: (416) 410-3056
Manufacturing Location ID: Brampton, ON, CAN
Commercial Name of product: EVERPLAY "in situ" - 14ft.
Date of Manufacture: **Unknown**
No. of samples submitted: 3 - 22.5in. x 22.5in. Samples

TUV Report No.: 72154519-4
Report Date: 1/31/2020
Test Date: 11/12/2019
Selection: ☐ Initial: ☑
Follow up: ☐ **Ref Job:**
Sample Receipt Date: 11/4/2016
Ambient Air Temperature: 20.9 **°C**
Humidity: 20 %

Test Equipment:

Alpha Automation, Triax, TUV System 5: ☑
Alpha Automation, Triax, TUV System 7: ☐
Accelerometer ID: PLYP00117
Accelerometer Calibration Date: 5/16/2019

Environmental Chamber ID: PLYP00069
Calibration Due Date: 9/9/2020
Environmental Chamber ID: PLYP00101
Calibration Due Date: 9/9/2020

Loose Fill Material Sample Description:

Engineered Wood Fiber: ☐
Loose Fill Wood: ☐
Rubber Nuggets: ☐
Rubber Buffings: ☐
Sand: ☐
Gravel: ☐
Other: ☐

Un-compacted Depth: _____ Inches

Compacted Depth: _____ Inches

Unitary Sample Description:

Tiles: ☐
Poured in Place: ☑
Other: ☐

Total Thickness: 7.0in.
Top Layer: See Comments
Base Layer: See Comments

Turf System Sample Description:

Turf: ☐
Pad: ☐
Aggregate: ☐
Infill: ☐

Turf Pile Height: _____ Inches
Pad Thickness: _____ Inches
Aggregate: _____ Inches
Infill Amount: _____ Lbs./Sq. Ft.
Infill Type: _____

Comments:

1.) System: 38mm (1.5in.) wear layer, comprised of two material types approximately 19mm (0.75in) thick, overlaying 140mm (5.5in.) recycled rubber. Total system depth/thickness of 7.0in.
2.) Samples were provided by Customer in assembled wooden box, and tested as received.
3.) System description: Cushion layer of recycled rubber bound with polyurethane with low compaction wear layer of rubber granuale bound with UV stable polyurethane densely packed.
4.) Note that TUV is not currently accredited to perform testing in accordance with this Standard. However, TUV is currently in the process of applying for accreditation.

The above described sample was tested at : 14 Ft.

The results reported herein reflect the performance of the above described samples at the time of testing and at the temperature(s) reported. The results are specific to the described samples. Samples of surfacing materials that do not closely match the described samples will perform differently. The following data sheet provides an accurate representation of the test results. Compliance with this Standard does not constitute certification.

Sample in compliance with ASTM F3351-19 at the temperature and rating specified? **Yes** ☑ **No** ☐

Signature: Timothy Foulis Title: Project Coordinator Date: 1/31/2020

Reviewed by: David Splane Title: Regional Manager Date: 1/31/2020

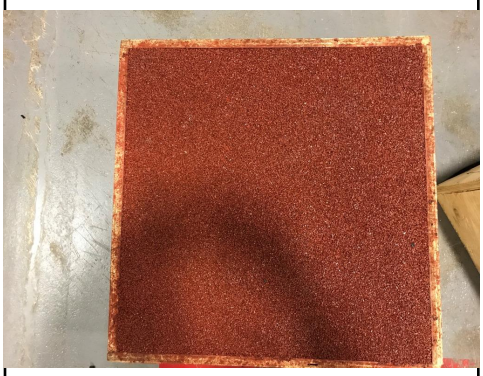
Customer: Everplay

TUV Report No.: 72154519-4

Manufacturer: Everplay

Test Date: 11/12/2019

Drop	Specified Impact Height (Ft.)	Reference Temperature -6°C, (21.2°F)				Reference Temperature 23°C, (73.4°F)				Reference Temperature 49°C, (120.2°F)			
		G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)	G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)	G-Max	HIC	Velocity (ft/s)	Theoretical Drop Height (ft.)
1	14	77	570	29.9	13.90	68	503	29.9	13.90	65	423	30.0	13.99
2	14	78	574	30.0	13.99	66	461	30.0	13.99	64	422	30.0	13.99
3	14	77	563	30.0	13.99	65	452	29.9	13.90	63	412	30.0	13.99
Average		77.5	568.5			65.5	456.5			63.5	417.0		
Measured Surface Temperature		-5 °C	Max. Change from reference + 5°C, (5°F)			23 °C	Max. Change from reference ± 3°C, (5°F)			48 °C	Max. Change from reference -3°C, (-5°F)		
Sample Condition:		Dry				Dry				Dry			



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