TÜV SÜD America Inc.
Product Safety Services
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Surfacing Material Report – ASTM F1292-18

Client: **Everplay**
Manufacturer: **Everplay**
Manufacturing Location: **Brampton, ON, CAN**

Phone: **(416) 410-3056**
Commercial Name of product: **EVERPLAY "in situ" - 16ft.**
Date of Manufacture: **Unknown**
No. of samples submitted: **3 - 21.5in. X 21.5in. Samples**

Project No.: **72154519-2**
Report Date: **11/12/2019**
Test Date: **11/12/2019**
Initial Test: ☑
Follow up Test: ☐ **Ref Job:**
Sample Receipt Date: **11/4/2019**
Ambient Air Temperature: **20.8°C**
Humidity: **20.0%**

Test Equipment:

Triax System 5:	☑	Environmental Chamber ID:	**PLYP00069**
Triax System 4:	☐	Calibration Due Date:	**9/9/2020**
Accelerometer ID:	**PLYP00117**	Environmental Chamber ID:	**PLYP00101**
Accelerometer Calibration Date:	**5/16/2019**	Calibration Due Date:	**9/9/2020**

Loose Fill Material Sample Description:

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

Un-compacted Depth: Inches

Compacted Depth: Inches

Unitary Sample Description:

Tiles ☐
Poured in Place ☑
Other ☐

Total Thickness: **8.0in.**
Top Layer: See Comments
Base Layer: See Comments

Comments:

1.) System: 38mm (1.5in.) wear layer, comprised of two material types approximately 19mm (0.75in) thick, overlaying 165mm (6.5in.) recycled rubber. Total system depth/thickness of 10.0in.
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 granule bound with UV stable polyurethane densely packed.

The above described sample was tested at : 16 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 product certification.

Sample in compliance with ASTM F1292-18 at the temperature and rating specified? **Yes** ☑ **No** ☐

Signature: Timothy Franklin Title: Project Coordinator Date: 11/12/2019

Reviewed by: Title: Regional Manager Date: 11/12/2019

Client: **Everplay**

Project No.: **72154519-2**

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	16	83	624	32.1	16.019	77	539	32.1	16.019	69	465	32.1	16.019
2	16	83	633	32.1	16.019	75	526	32.1	16.019	69	461	32.1	16.019
3	16	83	628	32.1	16.019	75	517	32.1	16.019	70	456	32.1	16.019
Average		83	630.5			75	521.5			69.5	458.5		
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			

Drop	One foot over (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					0.000				0.000				0.000
2					0.000				0.000				0.000
3					0.000				0.000				0.000
Average		0	0			0	0			0	0		
Measured Surface Temperature		°C	Max. Change from reference + 5°C, (5°F)			°C	Max. Change from reference ± 3°C, (5°F)			°C	Max. Change from reference -3°C, (-5°F)		
Sample Condition:													

Drop	One foot under (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					0.000				0.000				0.000
2					0.000				0.000				0.000
3					0.000				0.000				0.000
Average		0	0			0	0			0	0		
Measured Surface Temperature		°C	Max. Change from reference + 5°C, (5°F)			°C	Max. Change from reference ± 3°C, (5°F)			°C	Max. Change from reference -3°C, (-5°F)		
Sample Condition: