



**TÜV SÜD America Inc.**  
**Product Safety Services**  
 47523 Clipper Drive  
 Plymouth, MI 48170  
 Phone: 734.455.4841

**Surfacing Material Report – ASTM F1292-13**

Client: Everplay International, Inc.  
 Manufacturer: Everplay International, Inc.  
 Manufacturing Location: 18 Automotive Rd,  
Brampton, ON, CAN L6S 5N5  
 Phone: (416) 410-3056  
 Commercial Name of product: EVERPLAY "in situ"  
 Date of Manufacture: 3/26/2014  
 No. of samples submitted: 3 - 23in. X 23in. Systems

TUV Report No.: QM1403794-1  
 Report Date: 4/21/2014  
 Test Date: 4/11/2014  
 Initial Test   
 Follow up Test  Ref Job:  
 Sample Receipt Date: 4/9/2014  
 Ambient Air Temperature: 23.7°C  
 Humidity: 22.0%

**Test Equipment:**

Triax System 1:	<input checked="" type="checkbox"/>	Environmental Chamber No.:	<u>PLYP00101</u>
Triax System 2:	<input type="checkbox"/>	Calibration Due Date:	<u>7/31/14</u>
Accelerometer ID:	<u>PLYP00089</u>	Environmental Chamber No.:	<u>PLYP00069</u>
Accelerometer Calibration Due Date:	<u>6/27/2014</u>	Calibration Due Date:	<u>7/31/14</u>

**Loose fill Material Sample Description:**

Engineered Wood Fiber:	<input type="checkbox"/>	Un-compacted Depth:	Inches
Loose Fill Wood:	<input type="checkbox"/>		
Rubber:	<input type="checkbox"/>	Compacted Depth:	Inches
Sand:	<input type="checkbox"/>		
Gravel:	<input type="checkbox"/>		
Other:	<input type="checkbox"/>		

**Unitary Sample Description:**

Tiles	<input type="checkbox"/>	Total Thickness:	<u>230 mm</u>
Poured in Place	<input checked="" type="checkbox"/>	Top Layer:	<u>30 mm</u>
Other	<input type="checkbox"/>	Base Layer:	<u>200 mm</u>

**Comments:**

System (as described by Client email, dated 4/10/2014): "Cushion layer of recycled rubber bound with polyurethane with low compaction Wear layer of rubber granule bound with UV stable polyurethane densely packed  
 Thickness: wear layer 30mm, cushion 200mm Unitary surface: poured-in-place with recycled rubber and can have 10mm EPDM/TPV within the wear layer."

**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 product certification.

Sample in compliance with ASTM F1292-13 at the temperature and rating specified?      Yes            No     

Signature: Timothy Francisco

Date: 4/21/14

Reviewed by: Jim Lockett

Date: 4/22/14

Client: Everplay International, Inc.

TUV Report No.

QI1403794-1

Manufacturer: Everplay International, Inc.

Test Date:

4/11/2014

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	80	527	29.9	13.898	62	385	29.9	13.898	60	332	29.8	13.805
2	14	75	477	29.9	13.898	61	370	30.0	13.991	59	326	29.8	13.805
3	14	74	485	30.0	13.991	61	359	29.9	13.898	58	311	29.9	13.898
Average		74.5	481			61	364.5			58.5	318.5		
Measured Surface Temperature		-6°C	Max. Change from reference + 5°C, (5°F)			23°C	Max. Change from reference ± 3°C, (5°F)			49°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:													



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