



Client: Ever-Green Landscape Nursery	TUV Report No.: QI1009388-1
Manufacturer: Ever-Green Landscape Nursery	Report Date: 11/5/2010
Manufacturing Location: Cedar Rapids, Iowa	Test Date: 10/29, & 11/1/2010
Phone: 319.395.0144	Initial Test <input checked="" type="checkbox"/>
Commercial Name of product: Playmate® Play Area Wood Chips®	Follow up Test <input type="checkbox"/> Ref Job:
Date of Manufacture: Unknown	Sample Receipt Date: 10/20/2010
No. of samples submitted: 12 Cu. Ft.	Ambient Air Temperature: 21.8°C
	Humidity: 31%

Test Equipment:

Triax 2000 Accelerometer Calibration Due Date: Nov-10	Environmental Chamber No.: PLYP00101
Temperature Probe Calibration Due Date: Jan-11	Calibration Due Date: 8/18/11
	Environmental Chamber No.: PLYP00069
	Calibration Due Date: 8/18/11

Loose fill Material Sample Description:

Loose Fill Wood: <input checked="" type="checkbox"/>	Un-compacted Depth: 8 Inches
Engineered Wood Fiber: <input type="checkbox"/>	
Rubber: <input type="checkbox"/>	
Sand: <input type="checkbox"/>	Compacted Depth: 6 Inches
Gravel: <input type="checkbox"/>	
Other: <input type="checkbox"/>	

Unitary Sample Description:

Tiles <input type="checkbox"/>	Thickness:
Poured in Place <input type="checkbox"/>	Thickness:
Other <input type="checkbox"/>	Thickness:

Comments:

The Maximum Critical Fall height of a Six inch compacted depth Playmate® Play Area Wood Chips® was determined at: 11' 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.

Sample in compliance with ASTM F1292-09 at the temperature and rating specified? Yes No



Drop	Maximum Critical Fall 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)	G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)
1	11	99	555	26.6	79	390	26.7	92	460	26.4
2	11	148	1085	26.7	112	676	26.8	132	785	26.5
3	11	135	898	26.6	116	700	26.8	135	804	26.6
Average		141.5	991.5		114	686		133.5	794.5	
Measured Surface Temperature		(-6°C)	Max. Change from reference +5°C, (9°F)		23°C	Max. Change from reference ±3°C, (5.4°F)		-49°C	Max. Change from reference -3°C, (-5.4°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)	G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)
1	12	119	729	27.7	81	412	27.7	101	590	27.7
2	12	155	1140	27.8	124	850	27.9	147	986	27.8
3	12	153	1113	27.8	137	998	28.1	144	920	27.7
Average		154	1126.5		130.5	924		145.5	953	
Measured Surface Temperature		(-6°C)	Max. Change from reference +5°C, (9°F)		22°C	Max. Change from reference ±3°C, (5.4°F)		-48°C	Max. Change from reference -3°C, (-5.4°F)	
Sample Condition:		DRY			DRY			DRY		

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)	G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)
1	10	98	523	25.3	72	390	26.7	88	413	25.2
2	10	133	859	25.5	108	658	25.7	122	672	25.3
3	10	135	868	25.4	104	588	25.6	122	670	25.3
Average		134	863.5		106	623		122	671	
Measured Surface Temperature		(-5°C)	Max. Change from reference +5°C, (9°F)		22°C	Max. Change from reference ±3°C, (5.4°F)		49°C	Max. Change from reference -3°C, (-5.4°F)	
Sample Condition:		DRY			DRY			DRY		