



DETROIT TESTING LABORATORY, INC.

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SURFACING MATERIAL REPORT – ASTM F1292-04

Client: Ecore International
Manufacturer: Ecore International
Manufacturing Location: Lancaster, PA
Commercial Name of product: Playguard Tiles - 4.25U

Date of Manufacture: Unknown
No. of samples submitted: 6

DTL Report No.: 8078024-3
Report Date: 8/18/2008
Test Date: 8/18/2008
Initial Test
Follow up Test Ref Job:
Sample Selection
Selection Date: 7/22/2008
Sample Receipt Date: 7/31/2008
Ambient Air Temperature: 23°C

Test Equipment:

DTL Guided Wire Tower Accelerometer Calibration Due Date: N/A
Triax 2000 Accelerometer Calibration Due Date: 5/2009
Temperature Probe Calibration Due: 2/2009

Environmental Chamber No.: 106
Calibration Due Date: 1/09
Environmental Chamber No.: 133
Calibration Due Date: 5/09

Loose fill Material Sample Description:

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

Un-compacted Depth: _____ Inches

Compacted Depth: _____ Inches

Unitary Sample Description:

Tiles
Poured in Place
Other

Thickness: 4.25 inch
Thickness:
Thickness:

Comments:

The above described sample was tested at : 8 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 F1292-04 at the temperature and rating specified? Yes No

Signature: [Handwritten Signature]

Date: 8/18/08

Reviewed by: [Handwritten Signature]

Date: 8/18/08

Client: **Ecore International**

DTL Report No. **8078024-3**

Manufacturer: **Ecore International**

Test Date: **8/18/2008**

Drop	Specified Drop Height (Ft.)	Reference Temperature -6°C			Reference Temperature 23°C			Reference Temperature 49°C		
		G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)
1	8	140	1048	22.7	113	738	22.8	105	669	22.8
2	8	138	989	22.8	118	831	22.7	112	751	22.8
3	8	135	933	22.8	104	605	23.0	109	712	22.9
Average		136.5	961		111	718		110.5	731.5	
Measured Surface Temperature		-6°C	Max. Change from reference + 5°C		24°C	Max. Change from reference ± 3°C		49°C	Max. Change from reference -3°C	
Sample Condition:		DRY			DRY			DRY		

Drop	One foot over (Ft.)	Reference Temperature -6°C			Reference Temperature 23°C			Reference Temperature 49°C		
		G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)
1										
2										
3										
Average		0	0		0	0		0	0	
Measured Surface Temperature		°C	Max. Change from reference + 5°C		°C	Max. Change from reference ± 3°C		°C	Max. Change from reference -3°C	
Sample Condition:										

Drop	One foot under (Ft.)	Reference Temperature -6°C			Reference Temperature 23°C			Reference Temperature 49°C		
		G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)	G-Max	HIC	Velocity (ft/s)
1										
2										
3										
Average		0	0		0	0		0	0	
Measured Surface Temperature		°C	Max. Change from reference + 5°C		°C	Max. Change from reference ± 3°C		°C	Max. Change from reference -3°C	
Sample Condition:										



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