Detroit Testing Laboratory, Inc.
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IPEMA Surfacing Material Report – ASTM F1292-04

Client: **Pierceton Rubber Products**
Manufacturer: **Pierceton Rubber Products**
Manufacturing Location: **Pierceton, IN**
Commercial Name of product: **Dynacushion**

Date of Manufacture: **Unknown**
No. of samples submitted: Three, (3)

DTL Report No.: **53996**
Report Date: **8/18/2006**
Test Date: **8/15/2006**
Initial Test ☐
Follow up Test ☐ **Ref Job:**
Sample Selection ☑
Selection Date: **8/8/2006**
Sample Receipt Date: **8/8/2006**
Ambient Air Temperature: **23 °C**

Test Equipment:

DTL Guided Wire Tower Accelerometer Calibration Due Date: **10/10/2006**
Triax 2000 Accelerometer Calibration Due Date: **N/A**
Temperature Probe Calibration Due: **2/28/2007**

Environmental Chamber No.: **EC106**
Calibration Due Date: **5/31/2007**
Environmental Chamber No.: **EC018**
Calibration Due Date: **1/24/2007**

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 ☑ Thickness: **2.0"**
Poured in Place ☐ Thickness:
Other ☐ Thickness:

Comments:

The above described sample was tested at : 6' 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: _____ Date: 8/18/06

Reviewed by: _____ Date: 8/18/06

Client: **Pierceton Rubber Products**

DTL Report No. **53996**

Manufacturer: **Pierceton Rubber Products**

Test Date: **8/15/2006**

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	6	153.73	859.27	19.7	170.09	860.98	19.6	165.94	843.08	19.7
2	6	166.73	949.34	19.7	181.65	918.94	19.7	180.57	962.9	19.8
3	6	167.6	947.81	19.7	184.61	930.21	19.7	180.45	962.94	19.7
Average		167.165	948.575		183.13	924.575		180.51	962.92	
Measured Surface Temperature		-4°C	Max. Change from refernce + 5°C		25°C	Max. Change from refernce ± 3°C		46°C	Max. Change from refernce -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 refernce + 5°C		°C	Max. Change from refernce ± 3°C		°C	Max. Change from refernce -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 refernce + 5°C		°C	Max. Change from refernce ± 3°C		°C	Max. Change from refernce -3°C	
Sample Condition:										

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