TÜV SÜD America Inc.
Product Safety Services
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IPEMA Surfacing Material Report – ASTM F1292-09

Client: International Mulch Products
Manufacturer: International Mulch Products
Manufacturing Location: Bridgeton, MO

Phone: 314.336.1030
Commercial Name of product: Rubberific
Sample Selection: Yes: No: X
Date of Manufacture: Unknown
No. of samples submitted: 12 Cu. Ft.

TUV Report No.: QI1010836-2
Report Date: 12/22/2010
Test Date: 12/9, & 12/10/2010
Initial Test ☑
Follow up Test ☐ Ref Job:
Sample Receipt Date: 10/20/2010
Selection Date: N/A
Ambient Air Temperature: 20°C
Humidity: 31%

Test Equipment:

Triax 2000 Accelerometer Calibration Due Date: Jan-11
Temperature Probe Calibration Due Date: Jan-11

Environmental Chamber No.: PLYP00101
Calibration Due Date: 8/18/11
Environmental Chamber No.: PLYP00069
Calibration Due Date: 8/18/11

Loose fill Material Sample Description:

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

Un-compacted Depth: 4 Inches

Compacted Depth: 3.5 Inches

Unitary Sample Description:

Tiles ☐ Thickness:
Poured in Place ☐ Thickness:
Other ☐ Thickness:

Comments:

The above described sample was tested at : 5 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 ☐

Signature: _____ Date: 12/22/2010

Reviewed by: _____ Date: 12/27/10

Client: **International Mulch Products**

TUV Report No. **QI1010836-2**

Manufacturer: **International Mulch Products**

Test Date: **12/9, & 12/10/2010**

Drop	Specified Drop 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	5	94	385	18.1	121	506	17.9	98	416	18.1
2	5	100	411	18.2	137	592	18.1	116	498	18.2
3	5	109	461	18.2	147	656	18.1	123	530	18.2
Average		104.5	436		142	624		119.5	514	
Measured Surface Temperature		(-5°C)	Max. Change from reference + 5°C ,(9°F)		20°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 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	6				147	766	19.5			
2	6				173	928	19.7			
3	6				181	1014	19.7			
Average		0	0		177	971		0	0	
Measured Surface Temperature		°C	Max. Change from reference + 5°C ,(9°F)		21°C	Max. Change from reference ± 3°C ,(5.4°F)		°C	Max. Change from reference -3°C ,(-5.4°F)	
Sample Condition:					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	N/A									
2										
3										
Average		0	0		0	0		0	0	
Measured Surface Temperature		°C	Max. Change from reference + 5°C ,(9°F)		°C	Max. Change from reference ± 3°C ,(5.4°F)		°C	Max. Change from reference -3°C ,(-5.4°F)	
Sample Condition:										

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