



**TUV SUD America Inc.**  
**Product Safety Services**  
 1755 Atlantic Blvd.  
 Auburn Hills, MI 48326  
 Phone: (616) 546-4600

**IPEMA Impact Attenuation Report – ASTM F1292-18e1**

Participant:	TUV Report No.:
Main Office Address:	Report Date:
	Test Date:
Phone:	Selection:
Manufacturing Location ID:	Initial:
Commercial Name of product:	Follow up
Date of Manufacture: <u>Unknown</u>	Sample Receipt Date:
No. of samples submitted:	Ambient Air Temperature: °C
	Humidity: %
	Ref Job:

**Test Equipment:**

Alpha Automation, Triax, TUV System 5:	Environmental Chamber No.:
Alpha Automation, Triax, TUV System 7:	Calibration Due Date:
Accelerometer ID:	Environmental Chamber No.:
Accelerometer Calibration Date:	Calibration Due Date:

**Loose Fill Material Sample Description:**

Engineered Wood Fiber:	Un-compacted Depth:	Inches
Loose Fill Wood:		
Rubber Nuggets:		
Rubber Buffings:		
Sand:	Compacted Depth:	Inches
Gravel:		
Other:		

**Unitary Sample Description:**

Tiles:	<b>Total Thickness:</b>
Poured in Place:	Top Layer: _____
Other:	Base Layer: _____

**Turf System Sample Description:**

Turf:	Turf Pile Height: _____ Inches
Pad:	Pad Thickness: _____ Inches
Aggregate:	Aggregate: _____ Inches
Infill:	Infill Amount: _____ Lbs./Sq. Ft.
	Infill Type: _____

**Comments:**

The maximum critical fall height of the above described sample was determined to be: **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 F1292-18e1 at the temperature and rating specified? **Yes** **No**

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

Reviewed by: [Signature] Title: \_\_\_\_\_ Date: \_\_\_\_\_

Participant:

TUV Report No:

Manufacturing Location ID:

Test Date:

Drop	Critical Fall Height (Ft.)	Reference Temperature -4°C, (25°F)				Reference Temperature 23°C, (73°F)				Reference Temperature 49°C, (120°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													
2													
3													
Average													
Measured Surface Temperature		°C	Max. Change from reference + 5°C, (5°F)			23°C	Max. Change from reference ±3°C, (5°F)			°C	Max. Change from reference -3°C, (-5°F)		
Sample Condition:													

Drop	One foot over (Ft.)	Reference Temperature -4°C, (25°F)				Reference Temperature 23°C, (73°F)				Reference Temperature 49°C, (120°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													
2													
3													
Average													
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 -4°C, (25°F)				Reference Temperature 23°C, (73°F)				Reference Temperature 49°C, (120°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													
2													
3													
Average													
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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