



**TÜV SÜD America Inc.**  
**Product Safety Services**  
 1866 New Energy Way  
 Auburn Hills, MI 48326  
 Phone: (616) 546-4600

**IPEMA Impact Attenuation Report – ASTM F3351-19e1**

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: <b>Unknown</b>	Sample Receipt Date:
No. of samples submitted:	Ambient Air Temperature:
	Humidity:
	<b>Ref Job:</b>
	°C
	%

**Test Equipment:**

Alpha Automation, Triax, TUV System 5:	Environmental Chamber ID:
Alpha Automation, Triax, TUV System 7:	Calibration Due Date:
Accelerometer ID:	Environmental Chamber ID:
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 above described sample was tested at : \_\_\_\_\_ 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 F3351-19e1 at the temperature and rating specified?                      Yes                      No**

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

Reviewed by:  Title: \_\_\_\_\_ Date: \_\_\_\_\_



Client:

TUV Report No.:

Manufacturer:

Test Date:

Drop	Specified Impact Height (Ft.)	Reference Temperature -4°C, (25°F)				Reference Temperature 23°C, (72°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 + 3°C, (5°F)			°C	Max. Change from reference ±3°C, (5°F)			°C	Max. Change from reference -3°C, (-5°F)		
Sample Condition:													

Picture # \_\_\_\_\_

Picture # \_\_\_\_\_



America