

**TÜV SÜD America Inc.****Product Safety Services**1866 New Energy Way
Auburn Hills, MI 48326

Phone: (616) 546-4600

IPEMA Impact Attenuation Report – ASTM F1292-22Participant:
Main Office Address:

TUV Report No.:

Report Date:

Test Date:

Selection:

Initial:

Follow up

Ref Job:

Sample Receipt Date:

Ambient Air Temperature: °C

Humidity: %

Phone:

Manufacturing Location ID:

Commercial Name of product:

Date of Manufacture: July 2025

No. of samples submitted:

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:

Total Thickness:

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 F1292-22 at the temperature and rating specified?**Yes****No**

Signature: _____

Title: _____

Date: _____

Reviewed by: _____

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 + 3°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 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 + 3°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 + 3°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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