



TESTING TECHNOLOGY FOR SPORT

ASTM 1292-18E1 Test Report

Slide Pad

Report Number: 95359 / 5861

Report Status: Final

Client: Aqua Shield Products

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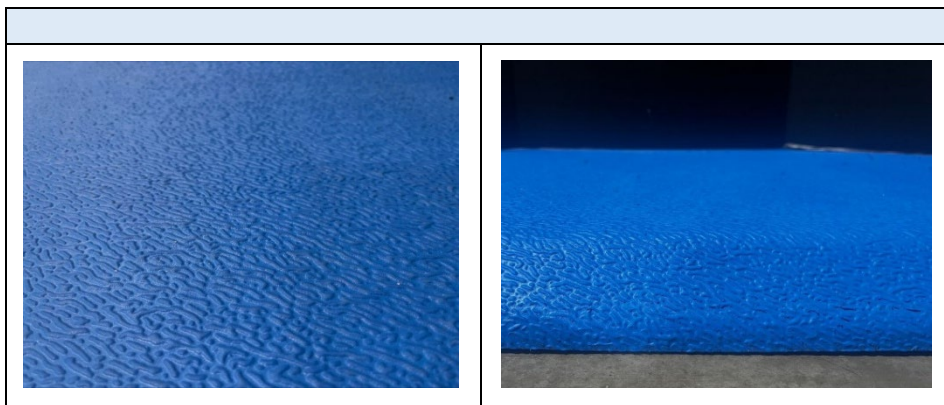
Job Number	95359 – 5861	Report Date	11/06/2023
Project Name	Slide Pad	Test Date	11/03/2023
Client Information	Aqua Shield Products		
Report Status	Final		
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	General Manager		

Introduction

Sports Labs were commissioned to carry ASTM 1292-18e1 testing on pad submitted by the manufacturer at ambient lab temperature under lab conditions.

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Foreword

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1.0 – Conclusions

System	Reference Temperature (F)	Overall CFH (ft)
	72°	
Slide Pad	7	7

The results reported herein reflect the performance of the 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.

2.0 – Testing Apparatus

Testing Apparatus		
Function	Manufacturer	Model
Temperature Measurement	Lavatools	PT12
Headform / Missile	Alpha Automation	Hemispherical E-Missile
Data Acquisition	Alpha Automation	Triax 2010
Accelerometer	Dytran	3010M14
	Calibration Date: 03/06/2022	

3.0 – Sample & System Information

Sample / System Information			
Underlayment Type	Slide Pad	Measured Thickness	53 mm
Substrate Type	Concrete	Depth	N/A
Test Date	11/03/2023	Sample Receipt Date	11/03/2023
Operator	EG	Samples Submitted #	01
Sample Manufacturer	Unknown	Sample Manufacture Date	Unknown



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3.1 – Test Results – Ambient – 72°

Condition	Dry
Ambient Temperature (F)	74.2
Reference Temperature (F)	72
Surface Temperature After Final Test (F)	74.3

Sample Reference Temp 72°F – Test Height 1			
	Drop Height (ft)	Gmax	HIC
Drop 1	7.01	131	860
Drop 2	7.01	144	955
Drop 3	7.01	147	998
Mean Results		146	977

Sample Reference Temp 72°F - Test Height 2			
	Drop Height (ft)	Gmax	HIC
Drop 1	6	112	655
Drop 2	6	127	776
Drop 3	6	132	813
Mean Results		130	795

Sample Reference Temp 72°F - Test Height 3			
	Drop Height (ft)	Gmax	HIC
Drop 1	8.02	190	1387
Drop 2	8.03	205	1513
Drop 3	8.03	211	1574
Mean Results		208	1544



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TESTING CERTIFICATE

THIS CERTIFIES THAT

SLIDE PAD

Complies with the ASTM 1292-18e1 standard for Impact Attenuation of Surfaces Materials at 72 °F

NOVEMBER 8, 2023

Kieran O'Donnell
Director

Gustavo Munoz
Laboratory Manager



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End Report