

LABORATORY TEST STUDY

AQUA TILE PAD STUDY

Specification(s) tested:
ASTM F1936 & ASTM F355

Report Number: 90105-3026

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Foreword

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The test results contained within this report represent the values measured on the samples received and tested under laboratory conditions and carried out per the relevant specification(s).

If the measurement lies within the lower and upper specification limit range, the result will be accepted as meeting the required criteria. If it falls outside this range, it will be rejected as non-conforming. Measurement uncertainty is not applied as a guard band in this decision-making process.

This report is not an official National Governing Body report and does not imply NGB approval.

*Some tests may not be within our current ISO 17025 scope of accreditation.

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5/4/2026

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Introduction

Sports Labs conducted laboratory performance testing per the test methods listed below.

Test methods

- **ASTM F1936-19:** Standard Specification for Impact Attenuation Of Turf Playing Systems as Measured in the Field.
- **ASTM F355 (Missile A):** Standard Test Method For Impact Attenuation Of Playing Surface Systems, Other Protective Sport Systems, And Materials Used For Athletics, Recreation And Play.

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Product Details

Project Number	90105		
Product Name	Aqua Tile		
Sample Reference No(s)	3026		
System Type	Shock Pad	Date Received	4/21/26
Performance Infill	N/A	Infill Rate (lbs/ft ²)	N/A
Stabilizing Infill	N/A	Infill Rate (lbs/ft ²)	N/A
Underlayment	Aqua Tile	Ambient Temperature Range	69.8 – 77.0 °F
Underlayment Thickness (mm)	11	Ambient Humidity Range	40 – 60 %
Substrate	Concrete	Substrate Depth (mm)	N/A
Test Date	4/22/26	Operator	EG

☒ We confirm that we stored a 5" x 5" sample, which will be retained as necessary.

Property	Test Method	Results
<i>Critical Fall Height (HIC)</i>	ASTM F1936-19	385
<i>GMAX</i>	ASTM F355 (Missile A)	184

Results Summary

END OF REPORT



TESTING TECHNOLOGY FOR SPORT

