

## Laboratory Analysis Report

**EN 15306: 2014\***

**Surfaces for outdoor sports areas - Exposure of synthetic turf to simulated wear – MS1&2 Hockey Turfs specs.**

**SAFITEX s.r.l.**

**Report Number: 61228/1148**

**Report Status: Final**

**Client: Safitex s.r.l.**

**via Ugo Foscolo, 33**

**24024 Gandino (BG) - Italia**



### HEADQUARTERS

Sports Labs Ltd  
1 Adam Square,  
Brucefield Industry Park  
Livingston EH54 9DE  
Scotland, United Kingdom

Tel: +44 (0) 1506 444 755  
Email: [info@sportslabs.co.uk](mailto:info@sportslabs.co.uk)  
Web: [www.sportslabs.co.uk](http://www.sportslabs.co.uk)

### REGIONAL LOCATIONS

- USA
- Morocco
- Turkey
- South Africa
- Netherlands
- Belgium
- Norway
- Israel

**Foreword**

This report has been prepared by Sports Labs Ltd with all reasonable skill, care and diligence within the terms of the contract with the Client and within the limitations of the resources devoted to it.

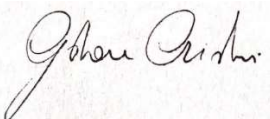

This report is confidential to the Client, and Sports Labs Ltd accepts no responsibility whatsoever to third parties to whom this report, or any part thereof, is made known. Any such party relies upon the report at their own risk.

\* Not all tests carried out are within our scope of ISO 17025 accreditation.

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

**Declaration of Conformity**

We confirm that the tests described in this report have been carried out in accordance with EN 15306: 2014 Surfaces for Outdoor Sports Areas – Exposure of synthetic turf to simulated wear, and this report accurately reflects the outcome of the tests conducted.

<b>Report Written By:</b>	Gastone Cristini	<b>Report Checked By:</b>	Sean Ramsay
<b>Date:</b>	18/06/2021	<b>Date:</b>	21/06/2021
<b>Signed:</b>		<b>Signed:</b>	

**Test Laboratory**

<b>Test Laboratory Name:</b>	Sports Labs Ltd
<b>Address:</b>	1 Adam Square, Brucefield Industry Park
<b>City &amp; Postal (ZIP) Code:</b>	Livingston, EH54 9DE
<b>State or Province:</b>	West Lothian
<b>Country:</b>	Scotland, UK
<b>Telephone:</b>	+44(0)1506 444 755
<b>Email:</b>	info@sportslabs.co.uk

**Client**

<b>Client's Name:</b>	Safitex s.r.l.
<b>Address:</b>	via Ugo Foscolo, 33
<b>City &amp; Postal (ZIP) Code:</b>	24024 Gandino
<b>State or Province:</b>	Bergamo
<b>Country:</b>	Italia
<b>Telephone:</b>	+39 035 731550
<b>Email:</b>	info@safitex.it

Product Description			
Product Name:	PADEL		
Manufacturer:	Safitex s.r.l.		
Product Type:	Sanded		
Nominal Thickness:	7 mm		
Detailed Product Description:	3/16 gauge, 26 ins./10 cm = 54.160 stiches/sq.mt; TXT MF PE yarn.		
Substrate:	Concrete		
Surface Profile Image [Plan View]:		Surface Profile Image [End Elevation]:	
			
Sample Reference			
Laboratory Job No.	61228		Date Received
	Surface Sample 1	1148	21/05/2021
Sample Reference No.	Surface Sample 2, if applicable	-	-
	Surface Sample 3, if applicable	-	-
<p>Test Laboratories are required to store a reference sample of the tested product for a defined period. By checking the box opposite, we confirm that a 200x200mm sample has been placed in storage and will be retained as necessary.</p>		<input checked="" type="checkbox"/> A sample of the tested product has been placed in storage and shall be retained as necessary.	

**Effect of simulated wear - Overview**

Test specimens shall be subjected to simulated wear conditioning for the specified number of cycles on a Lisport simulated wear machine in accordance with En15306:2014. The simulated wear conditioning shall be undertaken on a dry test specimen. Infill replacement during the conditioning shall be undertaken as specified in 15306:2014. The test specimen shall be subjected to 10.200 Lisport cycles. The test sole shall have the reference Lisson test sole; EN1963.

**Effect of simulated wear – Requirements**

<b>Test Method</b>	<b>EN 15306: 2014 *</b>
<b>Requirement</b>	Total tuft length examination after wear

**Effect of simulated wear – Test Equipment**

<b>SL Equipment Number</b>	SL Lisport machine
----------------------------	--------------------

**Effect of simulated wear – Results**

<b>Test Date:</b>	04/06/2021		
<b>Technician:</b>	CM		
<b>Air Temperature:</b>	23.9		
<b>Surface Temperature:</b>	22.5		
<b>Humidity:</b>	43		
<b>Test Condition</b>	<b>DRY – as supplied</b>		
<b>RESULTS</b>	<b>Elongated total tuft 1</b>	<b>Elongated total tuft 2</b>	<b>Elongated total tuft 3</b>
<b>Before Wear</b>	24 mm	25 mm	24 mm
<b>After Wear</b>	19 mm	19 mm	19 mm
<b>Overall Mean Result (%)</b>	<b>-20 %</b>		
<b>Requirement</b>	<b>-</b>		
<b>Pass/Fail</b>	<b>PASS</b>		

(\* note: this test is outwith our scope of ISO 17025 Accreditation)



## Conclusion

The product submitted was tested in accordance with the methods and requirements outlined in EN 15306: 2014. We confirm all information presented within this report is accurate and appropriately reflects the performance of the samples submitted. Based upon the test results we consider the product supplied to have:

## Sample Pictures

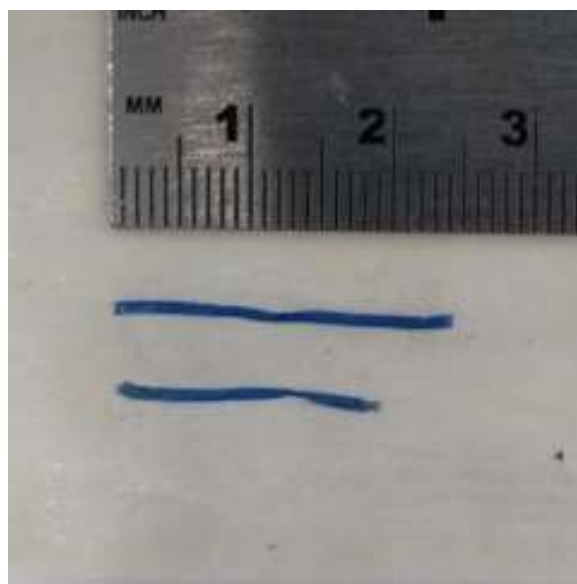


## Sample Pictures - After simulated wear (10.200 lisport cycles)





Yarn pictures after/pre test



Sand after test – with small yarn pieces



**END OF REPORT**



**TESTING TECHNOLOGY FOR SPORT**