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LABORATORY PERFORMANCE REPORT

Exposure to Artificial weathering

Sample Reference SBR Rubber

Report Number 15970/8648

Report Status Final

Issue Date 08/06/2015

Client Vinderen SP. ZO.O.
Ul. Jutrzenki 177
02-231 Warszawa

FOREWORD

1. This report has been prepared by Sports Labs limited 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.
2. This report is confidential to the Client and Sports Labs Limited 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.
3. This report shall not be used for engineering or contractual purposes unless signed by the Author and the Checker and unless the report status is "Final".
4. *Not all tests carried out are within our scope of ISO 17025 Accreditation.
5. Comments and opinions are out with the scope of our ISO 17025 accreditation



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1.0 INTRODUCTION

We refer to the infill sample identified as 'Vinderen SBR Rubber' submitted to our Laboratory on 16th January 2015. The sample is supplied by Vinderen SP. ZO.O and is identified as SBR Rubber.

Prepared By Craig Melrose
Laboratory Supervisor
08/06/2015


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Checked By Sean Ramsay
Laboratory Director
08/06/2015


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2.0 TESTING DETAILS

The tests were carried out in accordance with the following specification(s) and results can be viewed overleaf.

- *BS EN 14836 2005: Synthetic Surfaces for Outdoor Sports Areas – Exposure to Artificial weathering.
- *BS EN 20105-A02 1995: Greyscale for assessing change in colour.



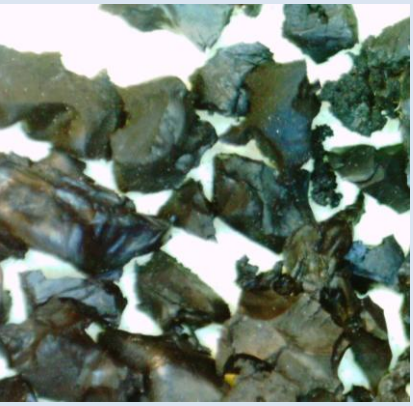
(*Not all tests carried out are within our scope of ISO 17025 Accreditation)



3.0 RESULTS

Test Results can be viewed below.

Sample Number	Test Condition	Test Details	
		Colour Change (Greyscale)	Visual Change in Composition
8648a	UVA	4 - 5	No Change
8648b	UVB	4	No Change

Sample Pictures		
Pre Exposure	After UVA Exposure	After UVB Exposure
		

4.0 CONCLUSION

The sample identified as 'Vinderen SBR Rubber', when compared to the following specifications: FIFA Quality Concept for Football Turf Handbook of Requirements (Jan 2012); IRB Artificial Rugby Turf Performance Specification (IRB Regulation 22: March 2011); BS EN 15330-1:2013 Surfaces for Sports Areas; NF P90-112 Terrains de grands jeux en gazon synthétique (Février 2008), meets the requirements for climatic colour resistance when exposed to artificial weathering by means of UVA and UVB lamps.

END OF REPORT