



# ON-SITE TESTING ASTM F1015 ABRASION



## Project Information

<b>Project Name</b>	Greenplay 3 System Lab Test ASTM F1015 Abrasion Evaluation		
<b>Client Info</b>	Greenplay Sports 6 Hawthorne Avenue Merrick, NY 11566		
<b>Report Date</b>	8/18/2015	<b>Test Date</b>	8/18/2015
<b>Report Status</b>	Final	<b>Job No.</b>	90219/279
<b>Prepared by</b>	Jeffrey Gentile Laboratory Director		
<b>Checked by</b>	Kieran O'Donnell Field Operation Manager		

### Notes:

1. This report has been prepared by Sports Labs USA 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 USA 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."

## Summary

Sports Labs USA was commissioned to perform abrasion testing. The purpose of this testing was to provide abrasiveness indexes for the tested surface. The tests performed were per the following standard: ASTM F1015 - Standard Test Method for Relative Abrasiveness of Synthetic Turf Playing Surfaces

### Quick Reference Results Summary

	Average	(min)	Range	(max)
<b>Abrasiveness Index</b>	21.2	20.5	to	22.2

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## System Description

System ID	System Description
Greenplay 2gp/3ss	2.25 Slit film_2lbs Greenplay organic/3lbs Silica sand per FT
Greenplay 2gp/3ss_sp14	2.25 Slit film_2lbs Greenplay organic/3lbs Silica sand per FT over Brock SP14
Greenplay 1.75/3ss_sp14	2" Slit film_1.75lbs Greenplay organic/3lbs Silica sand per ft over Brock sp14

## Results Tables

System ID	PreWeight					Post Weight				
	Trial 1	Trial 2	Trial 3	Trial 4	Total	Trial 1	Trial 2	Trial 3	Trial 4	Total
Greenplay 2gp/3ss	1.9321	1.9245	1.8995	1.9869	7.743	1.6524	1.6147	1.5874	1.6578	6.5
Greenplay 2gp/3ss_sp14	2.0169	1.9319	1.9854	1.8981	7.8323	1.7016	1.5569	1.6628	1.5782	6.5
Greenplay 1.75/3ss_sp14	2.036	2.0564	1.8875	1.966	7.9459	1.7279	1.7391	1.6025	1.6195	6.7

System ID	Abrasiveness Index
Greenplay 2gp/3ss	20.5
Greenplay 2gp/3ss_sp14	22.2
Greenplay 1.75/3ss_sp14	20.9
<b>Average</b>	<b>21.2</b>

End of Report

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