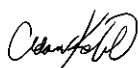


Laboratory Test Report

PFS Acrylic Comfort System

Job No.	100364/10540
Client Information	POLSKA FABRYKA SPORTOW Ul Domki 14 Krakow 31-519 Poland
Test Type	Performance Evaluation
Sample Arrival Date	3/11/2025
Test Date(s)	3/18/2025
Report Date	5/6/2025
Report Status	Final

Prepared by Adam Kalil
Laboratory Manager

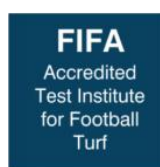


Checked by Megan Illsley
Laboratory Director



Notes:

1. This report has been prepared by Firefly Sports Testing 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 Firefly Sports Testing 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

Firefly Sports Testing was commissioned to perform a court pace testing evaluation on laboratory samples of PFS Acrylic Comfort System. The test was performed per EN 13865 Surfaces for sports areas – Determination of angled ball behaviour – Tennis. An ITF SPrite and ball cannon and ITF High Specification 2024 balls were used for this evaluation.

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General Information

Air Temperature (°F)	71
Humidity (%)	42
Test Conditions	Dry
Test Device	ITF-S-18-013, ITF-C-18-003
Technician	AK

Test Parameter Categories

Category	Court Pace Rating (CPR)
Slow	≤ 29
Medium-Slow	30 - 34
Medium	35 - 39
Medium-Fast	40 - 44
Fast	≥ 45

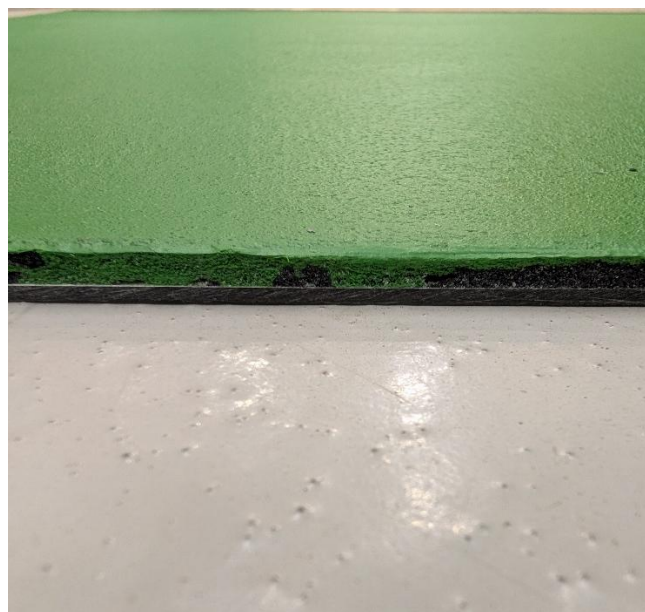
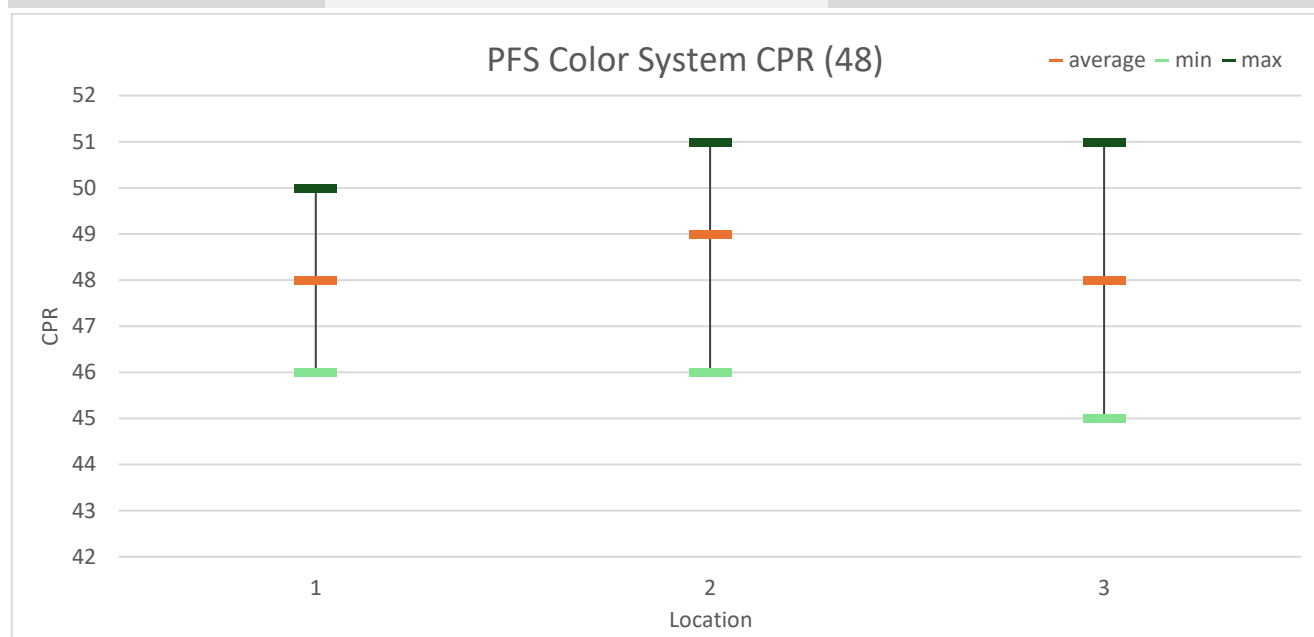
Category	Coefficient of Restitution (COR)	Coefficient of Friction (COF)
High	≥ 0.85	≥ 0.71
Medium	0.79 - 0.84	0.56 - 0.70
Low	≤ 0.78	≤ 0.55

LABORATORY TESTING PERFORMANCE EVALUATION



Results

Parameter	1	2	3	Average	Min	Max
Ball Temperature (°C)	22.6	22.3	21.9	22.3	21.9	22.6
Coefficient of Restitution	0.80	0.80	0.80	0.80	0.80	0.80
Coefficient of Friction	0.53	0.52	0.53	0.53	0.52	0.53
Court Pace Rating	48	49	48	48	48	49



End of Report



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