



## TECHNICAL REPORT

Technical evaluation of a synthetic turf product.  
E-Turf 60 DS on Champion Panel

Report Number **R15251CAN-A2**

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*This report contains 3 pages in total.*

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**DESCRIPTION OF THE PRODUCT TESTED**

Name of the product		SYNTHETIC TURF FILLED WITH RUBBER AND SAND ON A SHOCKPAD
Sample number		TURF : CAN001694 SHOCKPAD : CAN001692
Date of the tests		MARCH 2015
Artificial grass		
Name of the turf carpet/code		E-Turf 60 DS
Pile height		60 MM
Infill		
Infill		Manufacturer
Rubber	SBR	PROVIDED BY LABOSPORT
Sand	SILICA SAND	PROVIDED BY LABOSPORT
Layer		Depth
Upper	RUBBER	25 MM
Lower	SAND	23 MM
Approx. Infill depth (mm)		45 MM*
Shock-pad		
Name		CHAMPION PANEL
Thickness		19.5MM
Sub-base		
Sub-base		DYNAMIC STONE BASE

*\*after compaction with a hand-pulled roller of 28kg.*

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**PERFORMANCE RESULTS**

Property	Test method	Condition	Units	Requirements	Results	Pass/Fail
Shock Absorption	AAA	New	%	57 - 68	<b>62.0</b>	<b>Pass</b>
Vertical Deformation	AAA	New	mm	6.0 - 10.0	<b>9.4</b>	<b>Pass</b>
Energy Restitution	AAA	New	%	22 - 48	<b>37.9</b>	<b>Pass</b>
Vertical Ball Rebound	EN12235	New	m	0.60 – 1.10	<b>0.79</b>	<b>Pass</b>
Rotational Resistance	EN15301	New	Nm	30 - 45	<b>38</b>	<b>Pass</b>
H.I.C 1000	EN1177	New	m	≤1.4m	<b>1.40</b>	<b>Pass</b>

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