TEST REPORT

Laboratory test on an athletic track product

Tests performed according to EN 14877 standard

Report Number	**R18185US-D1**
Product	**BSS-1000** Beynon
Client	**Mike Gasparovic,** Beynon Inc., 16 Alt Road, Hunt Valley Maryland 21030
Date	**July 17th, 2019**

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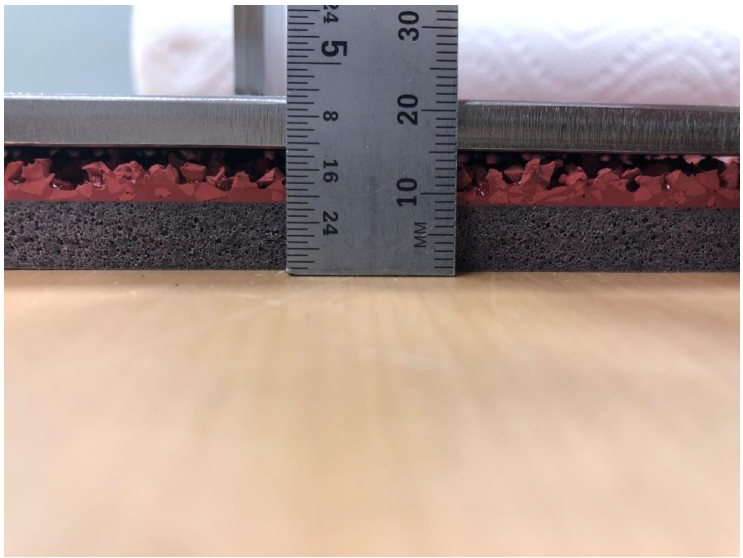
INFORMATION

Product description	Poured in place athletic track product			
Overall thickness measured	14.5 mm			
Product name	BSS-1000			
Manufacturer	Beynon			
Sample number	CAN003319			
Date of reception	January 24th, 2019			
Date of tests	January to July 2019			
Lab temperature	Min	22°C	Max	24°C
Lab relative humidity	Min	49 %	Max	51 %

Sample face view

Sample back view



Sample profile view

RESULTS

Part 1:

Property	Method	Units	Condition	Results	Requirements	Pass/Fail
Tensile Strength	EN 12230	MPa	New	0.75	≥ 0.4	Pass
		MPa	After hot air / hot water*	0.60	≥ 0.4	Pass
		%	Variation	20	≤ 20	Pass
		MPa	After spikes**	0.62	≥ 0.4	Pass
		MPa	After hot air / hot water* + spikes**	0.51	≥ 0.4	Pass
		%	Variation	18	≤ 20	Pass
Elongation at break	EN 12230	% elongation	New	44	≥ 40	Pass
		% elongation	After hot air / hot water*	43	≥ 40	Pass
		%	Variation	2	≤ 20	Pass
		% elongation	After spikes**	40	≥ 40	Pass
		% elongation	After hot air / hot water* + spikes**	44	≥ 40	Pass
		%	Variation	10	≤ 20	Pass

**hot air / hot water ageing according to EN 13817 and EN 13744 Standard respectively*
***spike wearing according to EN 14810 Standard*

Part 2:

Property	Method	Units	Condition	Results	Requirements	Pass/Fail
Absolute thickness	EN 1969	mm	New	13.5	≥ 10	Pass
Overall thickness	EN 1969	mm	New	14.5	≥ 10	Pass
Color Change	EN ISO 20105-A02	Gray scale	After UVA *(EN 14836)*	3	≥ 3	Pass
Resistance to wear	EN 5470-1	g	New	2.7	≤ 4.0	Pass
			After UVA	3.6	≤ 4.0	Pass
Shock Absorption	EN 14808	%	After hot air / hot water*	38	25 - 50	Pass
			10°C	35	Classification SA 35 – 50	Pass
			23°C	38		
			40°C	39		
Deformation	EN 14809	mm	10°C	1.8	≤ 3	Pass
			23°C	1.9		Pass
			40°C	2.0		Pass
Surface friction	EN 13036	-	New - Dry	87	80 – 110	Pass
			New - Wet	55	55 – 110	Pass

REPORTED BY

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