SealGreen
Concrete Cleaning, Sealing & Staining
A ReUse Concrete Sealing Company

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SealGreen—Poly StepGuard With Antiskid Sealer

Friction Report - Coefficient of Friction Report
Test Method - ASTM D 1894-06

Material :	Firestone TPO Walk Pad Material
Sled Size :	2.5” x 2.5”
Substrate :	Neoprene Rubber
Test Specification :	Poly-StepGuard v/s Neoprene Rubber
Apparatus Used :	Instron Series 5569
Sample Type :	Plaque
Sample Preparation :	Tested as received
Sample Conditioning :	40+ Hours @ 23°C +/- 2°C
RH	50% +/- 5%
Test Conditions :	23°C +/- 2°C - RH 50% +/- 5%
Significance :	ASTM D 1894-06 species that results

be reported to 3 significant figures and standard deviation to 2 significant figures

Test Surface without Poly-StepGuard

Sample Name	Test Number	Static Load (g)	Sled Weight (g)	Static Coefficient Of Friction	Kinetic Load (g)	Sled Weight (g)	Kinetic Coefficient Of Friction
	1	112.0	199.9	0.560	93.5	199.9	0.468
Gray Side	2	110.0	199.9	0.550	98.4	199.9	0.482
Tested Dry	3	107.0	200.0	0.535	90.8	200.0	0.454
	4	98.4	199.9	0.492	91.9	199.9	0.460
	5	114.0	200.1	0.570	90.9	200.1	0.454
	Average			0.542			0.464
	Std. Dev.			0.030			0.012
Gray Side	1	111.0	200.1	0.555	105.0	200.1	0.525
Tested Wet	2	105.0	199.9	0.525	112.0	199.9	0.560
Sprayed with	3	111.0	200.0	0.555	94.3	200.0	0.472
DI Water	4	114.0	200.0	0.570	92.4	200.0	0.462
	5	104.0	200.0	0.520	84.6	200.0	0.423
	Average			0.545			0.488
	Std. Dev.			0.021			0.054

Test Surface with Poly-StepGuard With Antiskid

Sample Name	Test Number	Static Load (g)	Sled Weight (g)	Static Coefficient Of Friction	Kinetic Load (g)	Sled Weight (g)	Kinetic Coefficient Of Friction
	1	190	200.1	0.950	135.0	200.1	0.675
Gray Side	**2**	214	200	1.070	154.0	200.0	0.770
Tested Dry	**3**	234	200.1	1.170	166.0	200.1	0.830
	4	221	200.1	1.100	146.0	200.1	0.730
	5	238	200.1	1.190	164.0	200.1	0.820
	Average			1.100			0.765
	Std. Dev.			0.100			0.064
Gray Side	**1**	280	199.9	1.400	189.0	199.9	0.945
Tested Wet	**2**	264	200	1.320	180.0	200.0	0.900
Sprayed with	**3**	285	199.9	1.430	173.0	199.9	0.865
DI Water	**4**	261	199.9	1.310	180.0	199.9	0.900
	5	279	199.9	1.400	175.0	199.9	0.875
	Average			1.370			0.897
	Std. Dev.			0.050			0.031