

TEST REPORT

CLIENT:

Company:	Deck-Top	Report Number:	80511
Address:	13575 58 th Street North, Suite 323	Lab Test Number:	3200-3624
	Clearwater, FL 33760	Test Completion Date:	6/2/2020
		Report Date:	6/2/2020
Requested By:	Jeff McIntyre	Page:	1 of 1

TEST MATERIAL:

Material Type:	PVC Cover for Decks & Docks				Date Received:	5/26/2020
Material Condition:	EXCELLENT:	XXX	GOOD:		POOR:	REJECTED:
Material ID:	Deck-Top (Crosshatched pattern)					

TESTING METHODS REQUESTED:

<i>Testing Services Inc. was instructed by the client to test for the following...</i>			
Standard:	ASTM E303	Test Method:	Standard Test Method for Measuring Surface Frictional Properties Using the British Pendulum Tester

SAMPLING PLAN:

Sampling Date:	6/1/2020
<ul style="list-style-type: none"> Specimen sampling is performed in the sampling department at TSI beside the ground level dock door. The sampling size of specimens is determined by the test method requirements. In the event a specific sampling size is not called for, a determination will be made based on previous testing experience, and approved for use by an authorized manager. All samples are subjected to the outside environmental conditions of temperature and relative humidity. Sample requiring pre-determined exposure to specified environmental conditions based on a specific test method, take place in the departments in which they are tested 	

DEVIATION FROM TEST METHOD:

State reason for any Deviation from, Additions to, or Exclusions From Test Method.
None

TEST SCOPE:

This test method covers the procedure for measuring surface frictional properties using the British Pendulum Skid Resistance Tester. The British Pendulum Tester is a dynamic pendulum impact-type tester used to measure the energy loss when a rubber slider edge is propelled over a test surface.

TEST PROCEDURE:

The safety surface top cap specimen was initially tested Dry in one direction and then Dry 90 degrees to the initial direction. Next the safety surface top cap specimen was tested Wet in one direction and the Wet 90 degrees to the initial direction. Five skids were made in each direction and the final 4 averaged per ASTM E303. The results are listed below

TEST SUMMARY:

TEST METHOD	TEST DESCRIPTION	TEST RESULT	
ASTM E303-93(2018)	Skid Resistance	Initial Dry	49.0 BPN avg.
		90 Degree Dry	56.0 BPN avg.
		Initial Wet	39.3 BPN avg.
		90 Degree Wet	35.3 BPN avg.

Slider type: 55 Batch #98 (TRRL), manf. July 2017

Interpretation of Results

The presently accepted test limits when using the Four S Rubber Slider, type 96 are those recommended by the UK Slip Resistance Group.

The minimum value expected under Health & Safety Executive regulations and UK laws when floor is Wet or Contaminated is 36 BPN.

Classification of Flooring (Likelihood of Slip)	Four S Rubber / BPN Reading
High	25 and below
Moderate	25 to 35
Low	35 to 65
Extremely Low	65 and above

Uncertainty:

We undertake all assignments for our clients on a best effort basis. Our findings and judgments are based on the information using the latest test methods available.

TSI can only ensure the test results for the specific items tested.

Unless otherwise noted in the deviations sections of this report, all tests performed are in compliance with stated test method.

Test Report Approval:

Erle Miles, III,
Lab Director Testing Services (TSI) LLC