

**CLIENT:** **Resysta North America**  
4035 Cheyenne Ct.  
Chino, CA 91710

<b>Test Report No: TUL1008</b>	<b>Date: August 13, 2024</b>
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**SAMPLE ID:** Sample Identified as; **Resysta Decking**

**SAMPLING DETAIL:** Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

**DATE OF RECEIPT:** Samples were received at QAI on June 27, 2024.

**TESTING PERIOD:** July 3 – July 5, 2024

**AUTHORIZATION:** Proposal No.: 24MB06122 signed by Michael Sloop.

**TEST PROCEDURE:** ASTM D2047-17, Standard Test Method for Static Coefficient of Friction of Polish-Coated Flooring Surfaces as Measured by the James Machine.

**REMARKS:** The Occupational Safety and Health Administration recommend that walking surfaces have a static coefficient of friction of 0.5. According to 28 CFR Ch. 1-1994 Section A4.5.1, a static coefficient of friction of 0.6 is recommended for accessible routes and 0.8 for ramps.

**TEST RESULTS:** Detailed test results are presented in the subsequent pages of this report.

**Prepared By**

  
Rocky Hale  
Material Test Technician

**Signed for and on behalf of  
QAI Laboratories, Inc.**

Jarred Johnson  
Project Manager

**Procedure and Results:**

The test shoes materials used during test were leather purchased and specified to conform to Federal Specification KK-L-165C, rubber purchased and specified to conform to ASTM D1630, as allowed as an alternative shoe material per ASTM D2047-04 Section 7.4, and neolite purchased and specified to conform to ASTM C1028, as allowed as an alternative shoe material per ASTM D2047-17 Section 7.4. The test shoes were assembled and maintained as per Section 7 and all testing conducted in accordance with Section 8. Results are reported in Tables 1 thru 6 of this report. Photo of sample can be seen on last page.

All materials and equipment used during test conformed to the relevant applicable sections of the test method.

**Environment:** The testing was conducted in a controlled environment of 71°F and 55% relative humidity.

**Coating Identification:** None Specified by Client

**Calibration Performed:** Calibration was performed on an OVCT tile using leather foot.  
 Calibration Tile Arithmetic Average: **0.50**

**Sample ID:** Resyta Decking

**Table 1- Test Results with Leather Test Shoe, Dry Condition**

Specimen	Determination	Static Coefficient of Friction
<b>1</b>	1	0.59
	2	0.50
	3	0.57
	4	0.51
<b>2</b>	1	0.56
	2	0.52
	3	0.58
	4	0.54
<b>3</b>	1	0.59
	2	0.50
	3	0.59
	4	0.46
	Arithmetic Average:	<b>0.54</b>
	Standard Deviation:	<b>0.0439</b>

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**Table 2- Test Results with Neolite Test Shoe, Dry Condition**

Specimen	Determination	Static Coefficient of Friction
<b>4</b>	1	0.52
	2	0.48
	3	0.54
	4	0.55
<b>5</b>	1	0.53
	2	0.46
	3	0.55
	4	0.53
<b>6</b>	1	0.53
	2	0.48
	3	0.55
	4	0.52
	Arithmetic Average:	<b>0.52</b>
	Standard Deviation:	<b>0.0305</b>

**Table 3- Test Results with Rubber Test Shoe, Dry Condition**

Specimen	Determination	Static Coefficient of Friction
<b>7</b>	1	0.83
	2	0.76
	3	0.76
	4	0.77
<b>8</b>	1	0.81
	2	0.82
	3	0.82
	4	0.82
<b>9</b>	1	0.77
	2	0.77
	3	0.77
	4	0.83
	Arithmetic Average:	<b>0.79</b>
	Standard Deviation:	<b>0.0294</b>

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**Table 4- Test Results with Leather Test Shoe, Wet Condition**

Specimen	Determination	Static Coefficient of Friction
<b>1</b>	1	0.95
	2	0.86
	3	0.89
	4	0.81
<b>2</b>	1	0.81
	2	0.67
	3	0.77
	4	0.59
<b>3</b>	1	0.74
	2	0.63
	3	0.89
	4	0.64
	Arithmetic Average:	<b>0.77</b>
	Standard Deviation:	<b>0.1177</b>

**Table 5- Test Results with Neolite Test Shoe, Wet Condition**

Specimen	Determination	Static Coefficient of Friction
<b>4</b>	1	0.66
	2	0.66
	3	0.73
	4	0.67
<b>5</b>	1	0.74
	2	0.71
	3	0.74
	4	0.73
<b>6</b>	1	0.76
	2	0.74
	3	0.75
	4	0.77
	Arithmetic Average:	<b>0.72</b>
	Standard Deviation:	<b>0.0883</b>

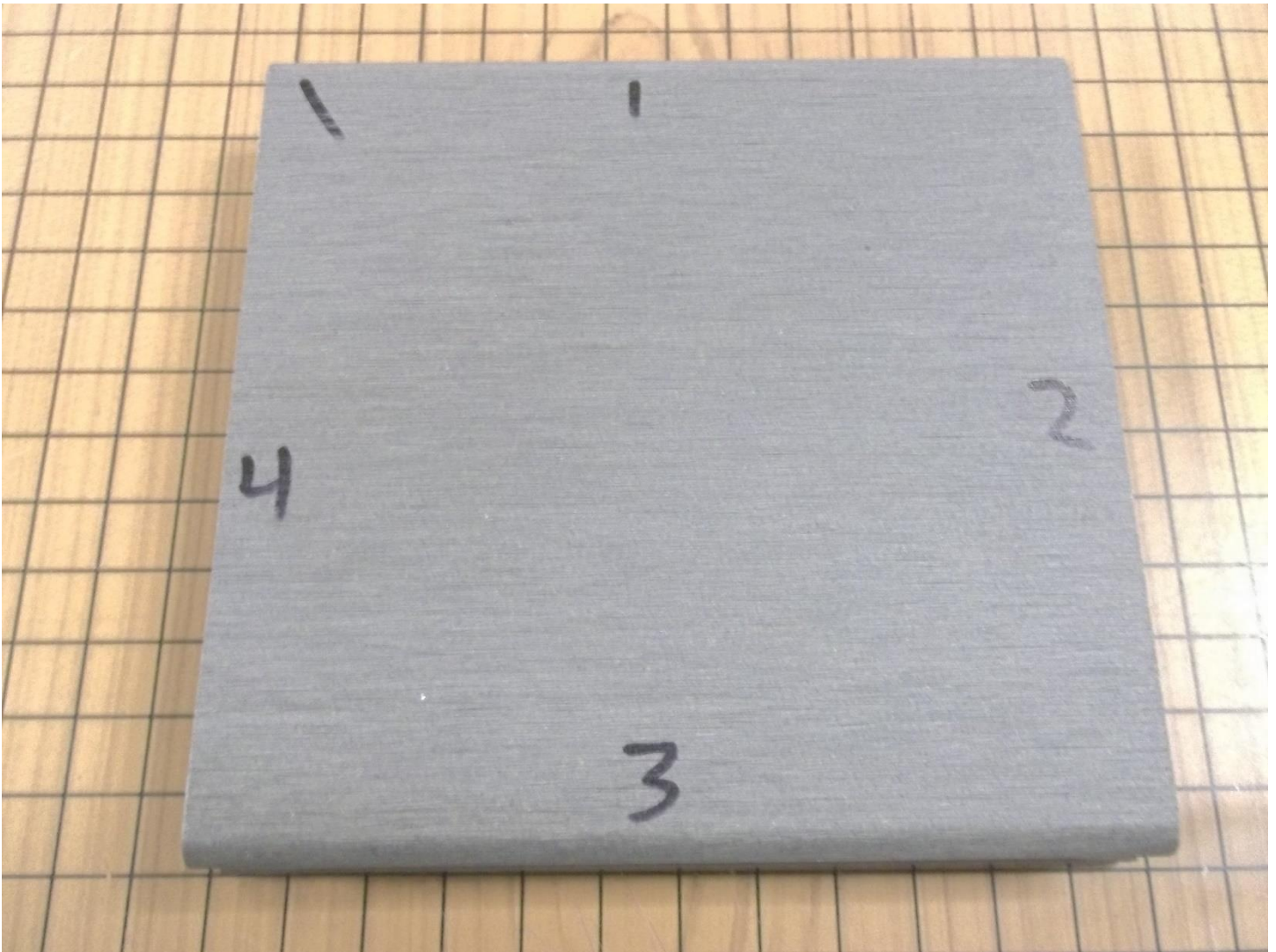
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**Table 6- Test Results with Rubber Test Shoe, Wet Condition**

Specimen	Determination	Static Coefficient of Friction
<b>7</b>	1	0.83
	2	0.94
	3	0.92
	4	0.97
<b>8</b>	1	0.88
	2	0.98
	3	0.91
	4	0.98
<b>9</b>	1	0.97
	2	0.95
	3	0.97
	4	0.98
	Arithmetic Average:	<b>0.94</b>
	Standard Deviation:	<b>0.0473</b>

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**Photo**



**\*\*\* END OF TEST REPORT \*\*\***

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