

EOVATIONS, LLC

TEST REPORT

SCOPE OF WORK

AS/NZ 4586 - APPENDIX A - PENDULUM TEST METHOD (WET & DRY CONDITIONS) SLIDER 55
FIVE DIFFERENT LOT NUMBERS OF DECK BOARDS

REPORT NUMBER

K3653.01-106-31 R0

TEST DATE(S)

11/06/19 - 11/07/19

ISSUE DATE

11/19/19

RECORD RETENTION END DATE

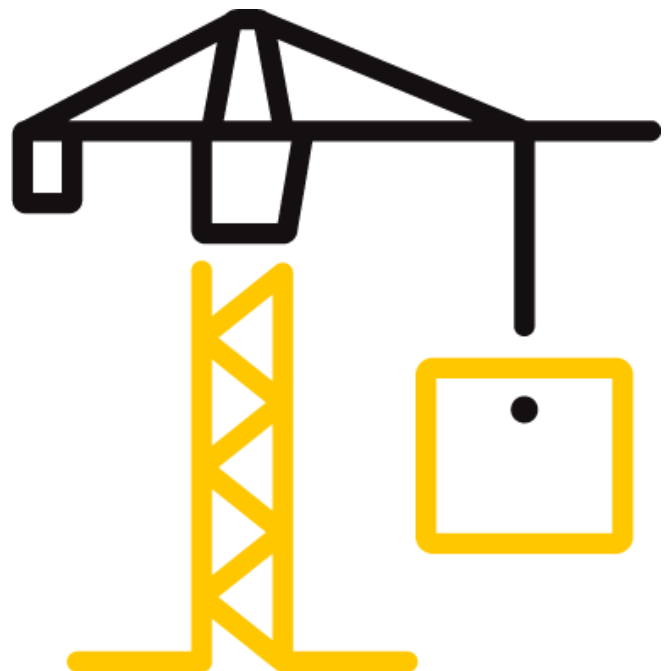
11/07/23

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DOCUMENT CONTROL NUMBER

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TEST REPORT FOR EO VATIONS, LLC

Report No.: K3653.01-106-31 R0

Date: 11/19/19

REPORT ISSUED TO

EO VATIONS, LLC (AL402)

5 Meadowcraft Parkway
Selma, Alabama 36701

SECTION 1

SCOPE

Product(s): 5 Different Lot Numbers of Deck Boards

Intertek Building & Construction (B&C) was contracted by Eovations, LLC (AL402) to evaluate 5 Different Lot Numbers of Deck Boards in accordance with AS/NZS 4586, Appendix A, for Slip Resistance. Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at the Intertek B&C test facility in York, Pennsylvania.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

For INTERTEK B&C:

COMPLETED BY:	Isaiah S. Gingrich
TITLE:	Technician III Materials Laboratory
SIGNATURE:	
DATE:	11/19/19

ISG:jmb/als

REVIEWED BY:	Jonathan M. Bright
TITLE:	Engineer Materials Laboratory
SIGNATURE:	
DATE:	11/19/19

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SECTION 2

TEST METHOD(S)

The specimens were evaluated in accordance with the following:

AS/NZS 4586-13, Slip Resistance Classification of New Pedestrian Surface Materials

SECTION 3

MATERIAL SOURCE

The materials were provided by Eovations, LLC. The following were received on 11/1/19: Five Different Lot Numbers of Deck Boards. Refer to the product description photos in Section 9. The material was tested as received. Representative materials/test specimens will be retained by Intertek B&C for a minimum of four years from the test completion date.

SECTION 4

LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Isaiah S. Gingrich	Intertek B&C
Jonathan M. Bright	Intertek B&C

SECTION 5

TEST PROCEDURE(S)

All conditioning of test specimens and test conditions were at standard laboratory conditions unless otherwise reported. Refer to the test related photos in Section 9.

AS/NZS 4586-13: Slip Resistance Classification of New Pedestrian Surface Materials

Specimens were conditioned to 20 ±5°C at least 10 minutes prior to testing. The Type 55 Slider used for each test was conditioned three (3) times over 400 grit abrasive paper before each new specimen was tested and an additional 10 times over wet lapping paper before the start of testing each day. Once conditioned, the Skid Pendulum (ICN: 006009) was adjusted to meet the 126 ±1mm contact surface area on the specimen. This was also done after each portion of testing (0° and 180°, Dry and Wet). Before conducting testing, each specimen was measured with an infrared thermometer (ICN: INT01134) and the temperatures were recorded to ensure they met the specified conditioning requirements. Each specimen was given eight (8) swings in both the 0° and 180° directions and both Dry and Wet Conditions.

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SECTION 6

TEST SPECIMEN DESCRIPTION(S)

TEST PROCEDURE	NUMBER OF SPECIMENS	NOMINAL SPECIMEN DIMENSIONS	VISUAL CHARACTERISTICS
AS/NZS 4586 Appendix A	5	5"x12"	Five Deck Boards with Five different lot numbers

SECTION 7

TEST RESULTS

Voyage and Lot Number 402-E01GJ281045 - Slider 55 - Test Surface Temperature: 74.2°F

Condition	Swing No. 1	Swing No. 2	Swing No. 3	Swing No. 4	Swing No. 5	Swing No. 6	Swing No. 7	Swing No. 8	Average
Dry, 0°	85	82	81	80	80	80	80	75	79.0
Dry, 180°	75	75	76	77	78	78	78	79	78.0
Wet, 0°	46	46	44	46	47	50	49	50	48.4
Wet, 180°	39	40	40	42	43	45	46	46	44.4

Voyage and Lot Number 402-E04GJ28 - Slider 55 - Test Surface Temperature: 74.2°F

Condition	Swing No. 1	Swing No. 2	Swing No. 3	Swing No. 4	Swing No. 5	Swing No. 6	Swing No. 7	Swing No. 8	Average
Dry, 0°	73	74	75	76	76	77	78	78	77.0
Dry, 180°	75	76	77	77	78	78	78	78	77.8
Wet, 0°	55	54	53	55	55	56	57	60	56.6
Wet, 180°	50	53	56	59	57	58	59	60	58.6

Voyage and Lot Number 402-E04GJ27 - Slider 55 - Test Surface Temperature: 74.2°F

Condition	Swing No. 1	Swing No. 2	Swing No. 3	Swing No. 4	Swing No. 5	Swing No. 6	Swing No. 7	Swing No. 8	Average
Dry, 0°	77	80	82	80	81	84	83	84	82.4
Dry, 180°	73	74	74	74	74	74	74	74	74.0
Wet, 0°	52	50	50	51	53	54	53	55	53.2
Wet, 180°	57	50	52	55	55	56	56	56	55.6

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Voyage and Lot Number 402-E03GJ2Z1113 - Slider 55 - Test Surface Temperature: 75.2°F

Condition	Swing No. 1	Swing No. 2	Swing No. 3	Swing No. 4	Swing No. 5	Swing No. 6	Swing No. 7	Swing No. 8	Average
Dry, 0°	71	70	70	70	70	70	70	70	70.0
Dry, 180°	75	75	76	75	75	75	75	75	75.0
Wet, 0°	50	50	50	50	53	53	55	53	52.8
Wet, 180°	44	45	49	48	49	50	51	51	49.8

Voyage and Lot Number 402-E04GJ230759 - Slider 55 - Test Surface Temperature: 75.2°F

Condition	Swing No. 1	Swing No. 2	Swing No. 3	Swing No. 4	Swing No. 5	Swing No. 6	Swing No. 7	Swing No. 8	Average
Dry, 0°	67	66	66	67	67	67	67	67	67.0
Dry, 180°	70	69	70	70	70	70	70	70	70.0
Wet, 0°	52	50	51	53	55	55	58	59	56.0
Wet, 180°	52	50	51	54	55	56	57	56	55.6

SECTION 8

CONCLUSION

This test did not provide a performance based requirement based on the standard.

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SECTION 9

PHOTOGRAPH(S)

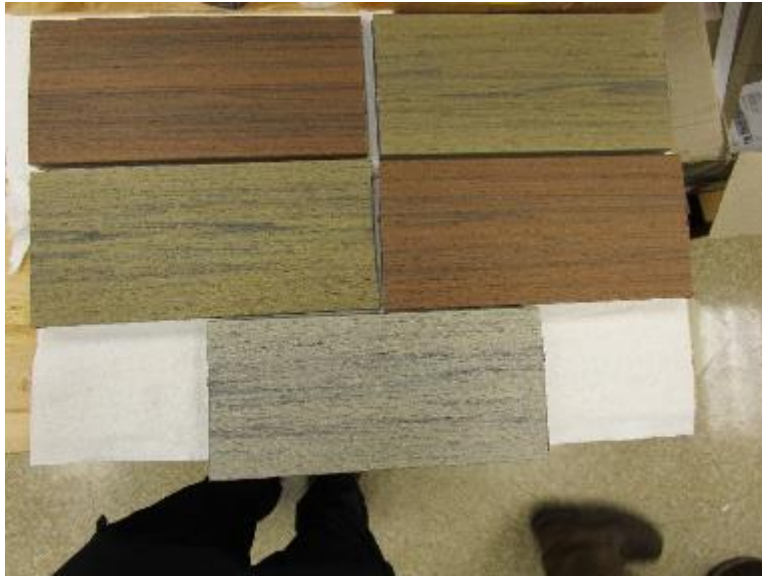


Photo No. 1
Test Specimens as received



Photo No. 2
Specimens with Testing Apparatus



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SECTION 10

REVISION LOG

REVISION #	DATE	PAGES	REVISION
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