



美新科技股份有限公司
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PENDULUM SLIP RESISTANCE TEST

SCOPE OF WORK

NewTechWood

REPORT NUMBER

20250408-03

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Applicant: NewTechWood Corporation

Address: 15912 International Plaza Dr,Houston,Tx 77032

Attn: /

Product Information

Product Name	NewTechWood UltraShield	Brand	/
Sample Description	Good Condition	Sample Amount	/
		Received Date	/
Contract No.	Model	Color	Specification
/	UH02-G9(H59/H54)	AW	138.00*22.50mm



Test Items, Method and Results:

Slip Resistance (Pendulum Test)

1. Test Parameter:

No. of Specimens : 5

Specimen Preparation: Washed with water and pH neutral detergent, rinsed then dried.

Test Condition: Temperature: 23 ± 2 °C, Humidity: 50 ± 5 %

Test Direction: Test conducted parallel with length direction and the width direction.

Slider Rubber: Slider 96, Slider 55, Slider 57

Operate condition: Wet condition

2. Test Results:

2.1 UH02-G9 Pattern:H59

Test Direction	Test Method					
	BS7976-2 Rubber: Slider 96		AS4586 Rubber: Slider 55		UNE-EN16165, Annex C + National Annex A Rubber: Slider 57	
	Test Result (PTV)	Classification	Test Result (PTV)	Classification	Test Result (PTV)	Classification
Horizontal	23	High slip potential	26	P2	25	C1
Vertical	29	Moderate slip potential	29	P2	34	C1

Note:

1. According to the test method BS7976-2 , the slip classification refer to the APPENDIX B.
2. According to the test method AS4586 Appendix A, the slip classification refer to the APPENDIX C.
3. According to the test method UNE-EN16165 Annex C + National Annex A, the slip classification refer to the APPENDIX D.

PHOTO



Figure 1



Figure 2

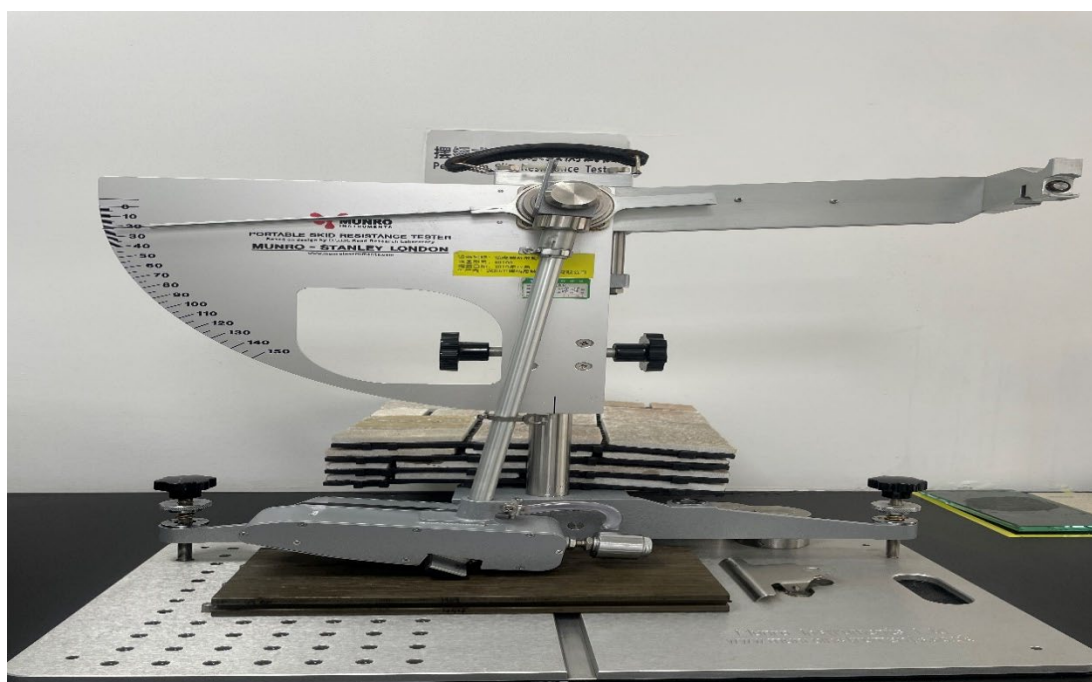


Figure 3

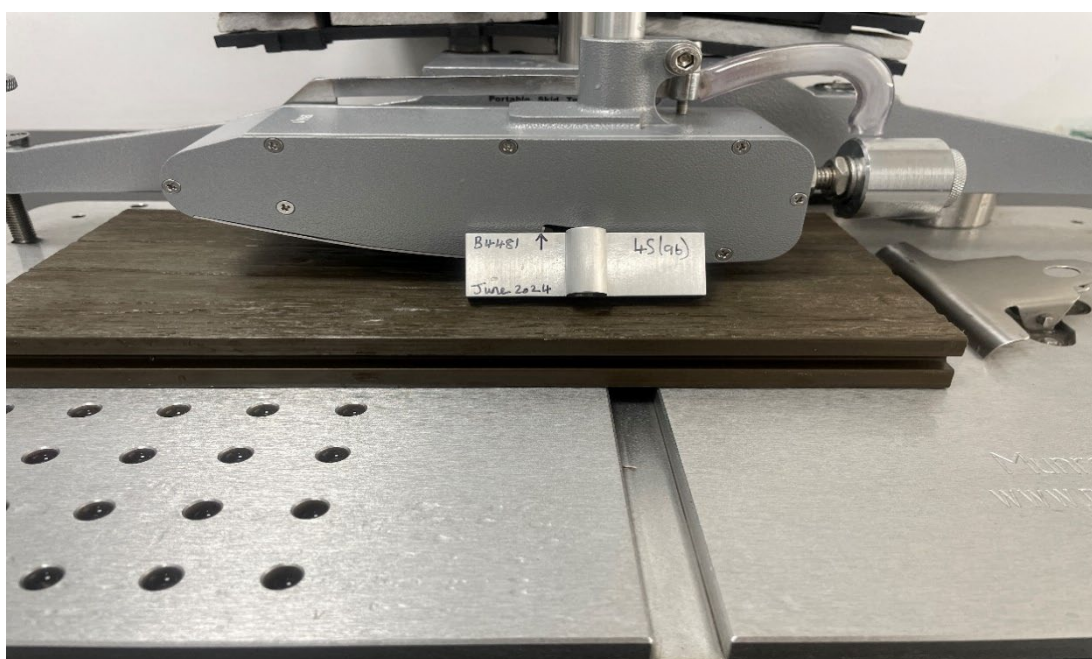


Figure 4

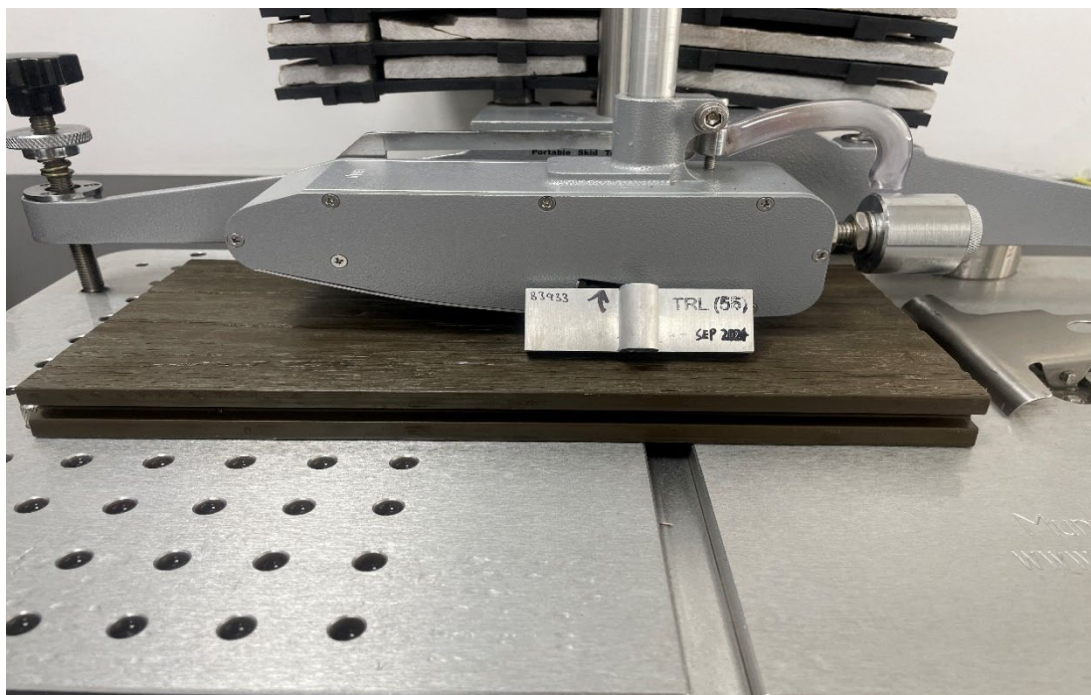


Figure 5

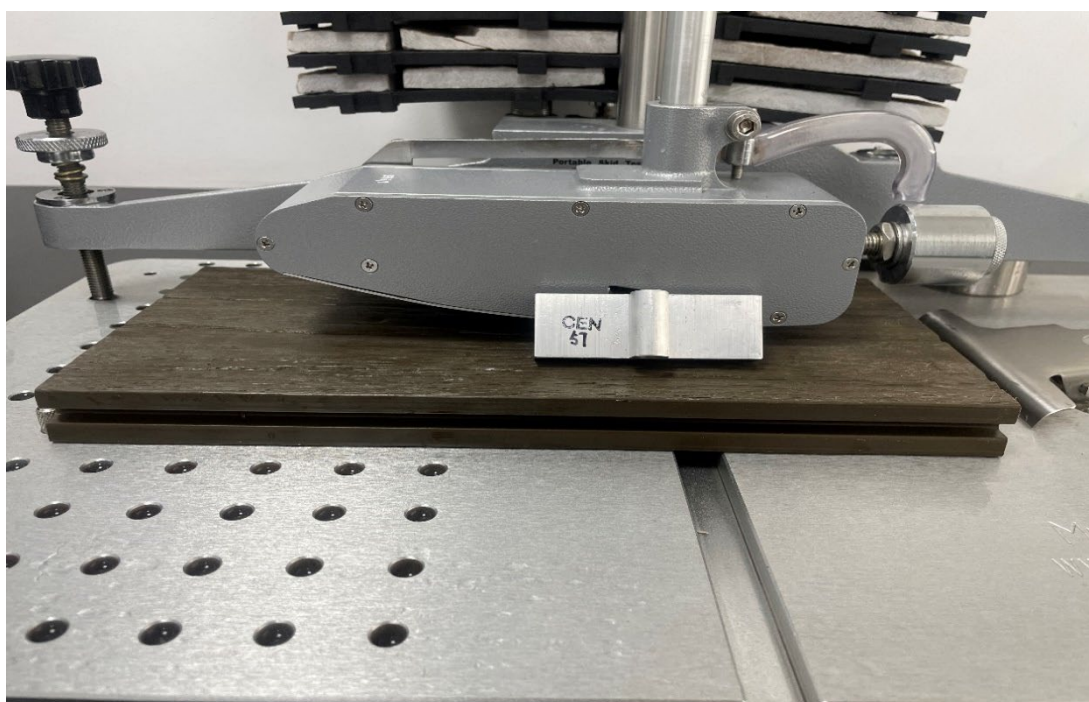


Figure 6



Figure 1 : UH02-G9 H59 AW Arrow indicates direction of testing

Figure 2 : UH02-G9 H59 AW Arrow indicates direction of testing

Figure 3 : The wet pendulum friction tester for the test

Figure 4 : The Slider 96 for the test

Figure 5 : The Slider 55 for the test

Figure 6 : The Slider 57 for the test

APPENDIX B:

SLIP POTENTIAL CLASSIFICATION FOR PTV--BS7976-2(Slider 96)

Pendulum test value, PTV	HSE (Health and safety executive) Classification
0-24	High slip potential
25-35	Moderate slip potential
> 36	Low slip potential

APPENDIX C:

CLASSIFICATION CRITERIA-AS4586-2013

Wet Pendulum Test-Appendix A

Class	Pendulum SRV (Slider 55)
P5	>44
P4	40-44
P3	35-39
P2	20-34
P1	<20
P0	-



APPENDIX D:

CLASSIFICATION CRITERIA-UNE EN16165:2022

Wet Pendulum Test-Annex C + National Annex A

Class	Slip resistance PTV value (Rd) (Slider 57)
C0	$Rd \leq 15$
C1	$15 < Rd \leq 35$
C2	$35 < Rd \leq 45$
C3	$Rd > 45$

Revision:

NO.	Date	Changes	Author	Reviewer
20250408-03	2025-04-11	First issue	Christy	Bruce

The end of report