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# PENDULUM SLIP RESISTANCE TEST

**SCOPE OF WORK**
NewTechWood

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8

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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 |
| / | UH06(Y61/Y0) | GWN | 140.00*22.50mm |

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# 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 UH06 Pattern:Y61

| Test Direction | Test Method | | | | | |
|---|---|---|---|---|---|---|
| | BS7976-2<br>Rubber: Slider 96 | | AS4586<br>Rubber: Slider 55 | | UNE-EN16165, Annex C + National Annex A<br>Rubber: Slider 57 | |
| | Test Result (PTV) | Classification | Test Result (PTV) | Classification | Test Result (PTV) | Classification |
| Horizontal | 17 | High slip potential | 21 | P2 | 24 | C1 |
| Vertical | 29 | Moderate slip potential | 29 | P2 | 30 | 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.

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**APPENDIX A:**

PHOTO

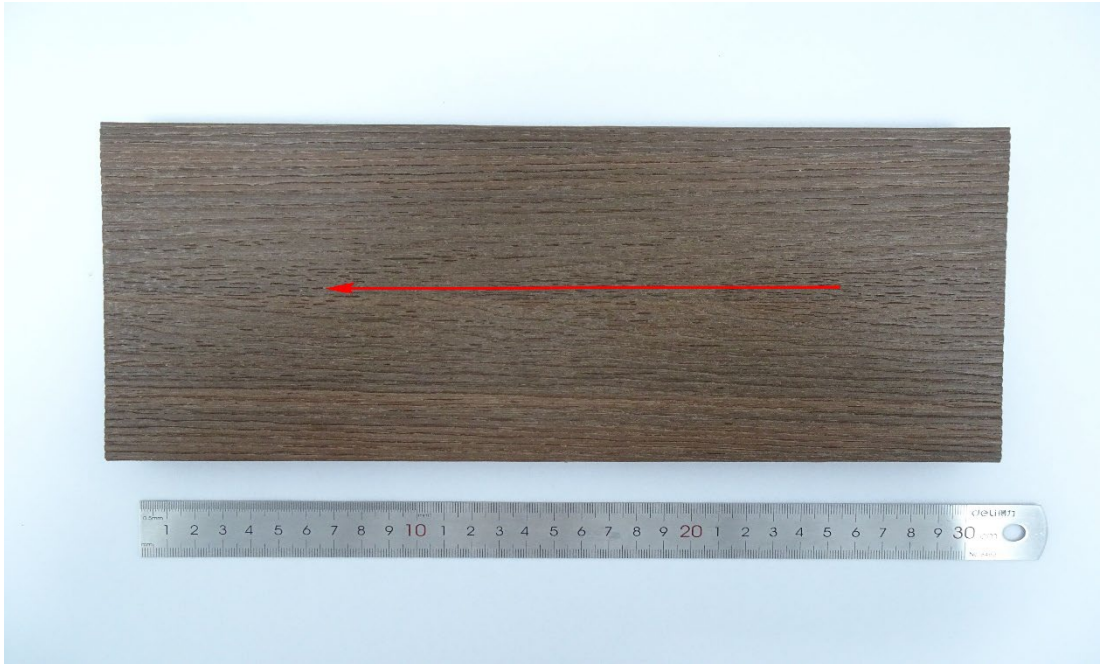

Figure 1

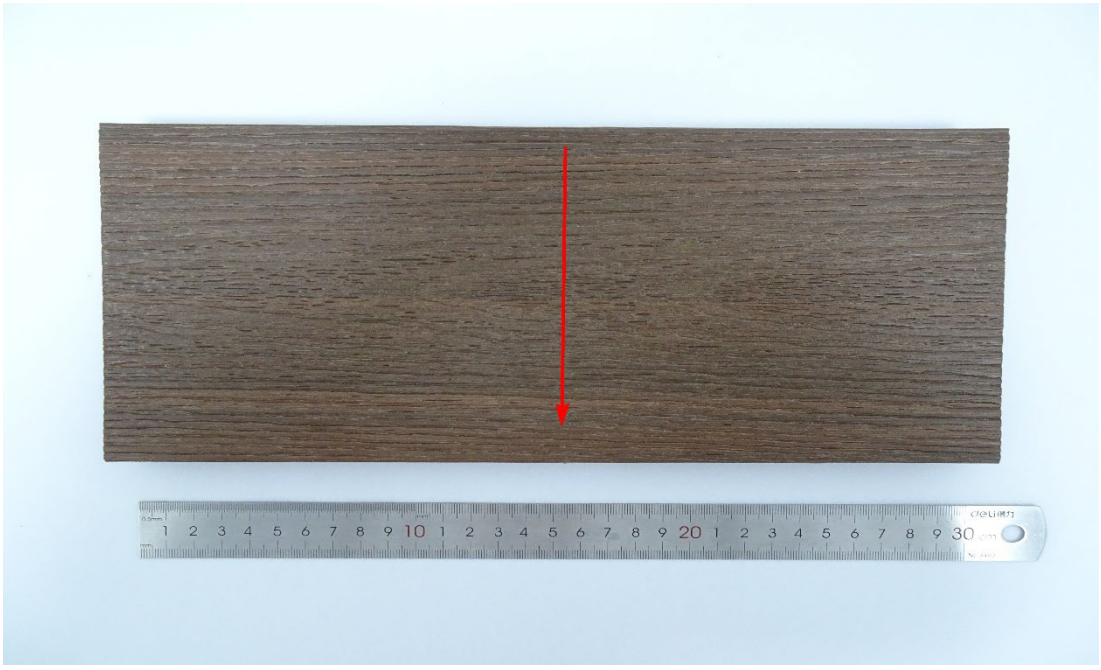

Figure 2

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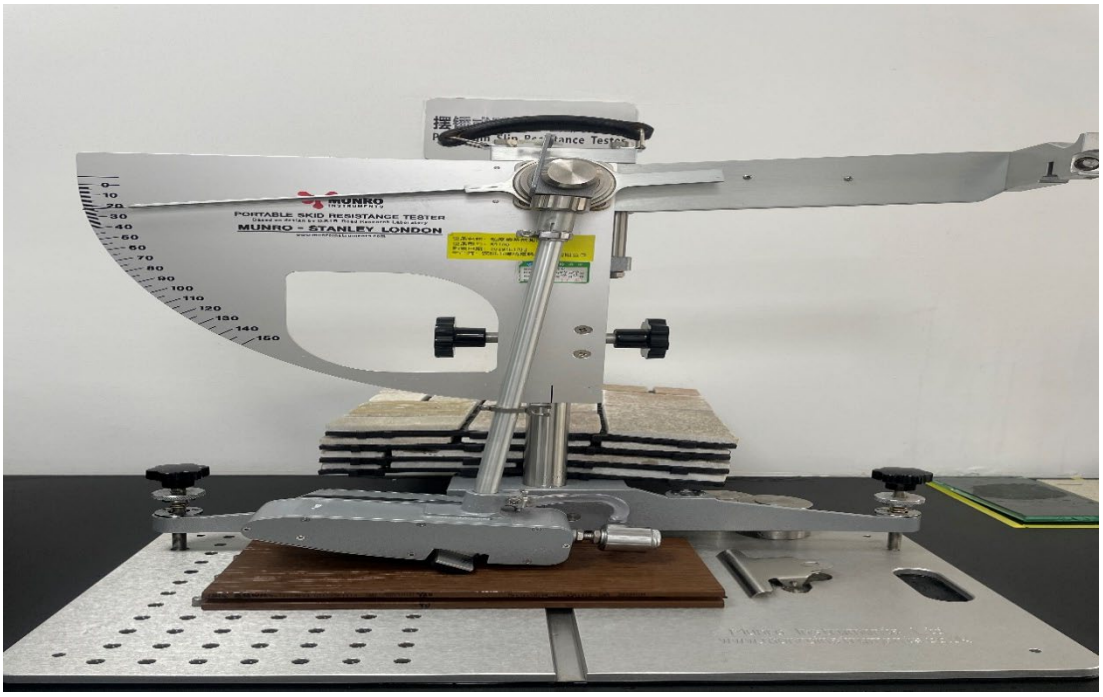


Figure 3

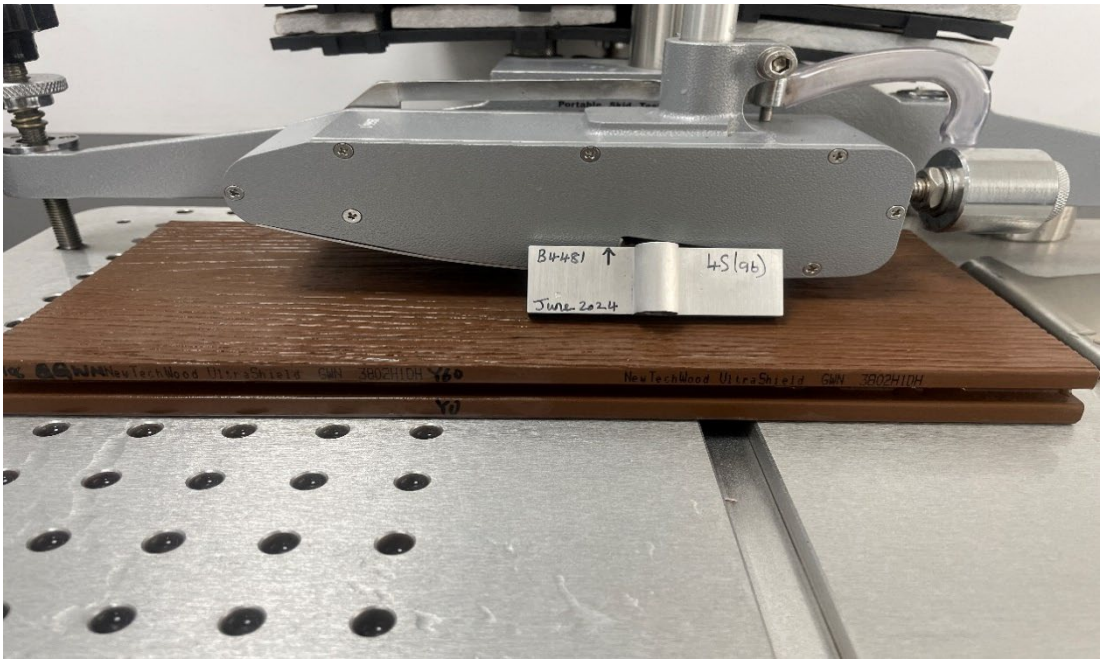


Figure 4

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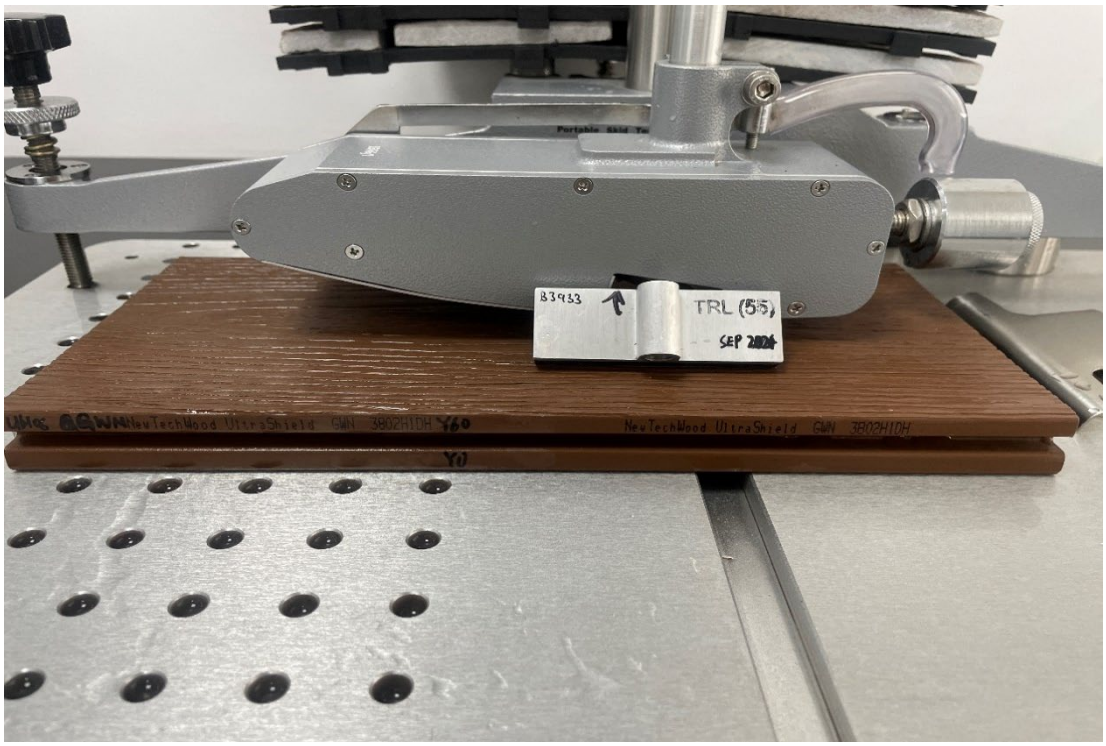


Figure 5

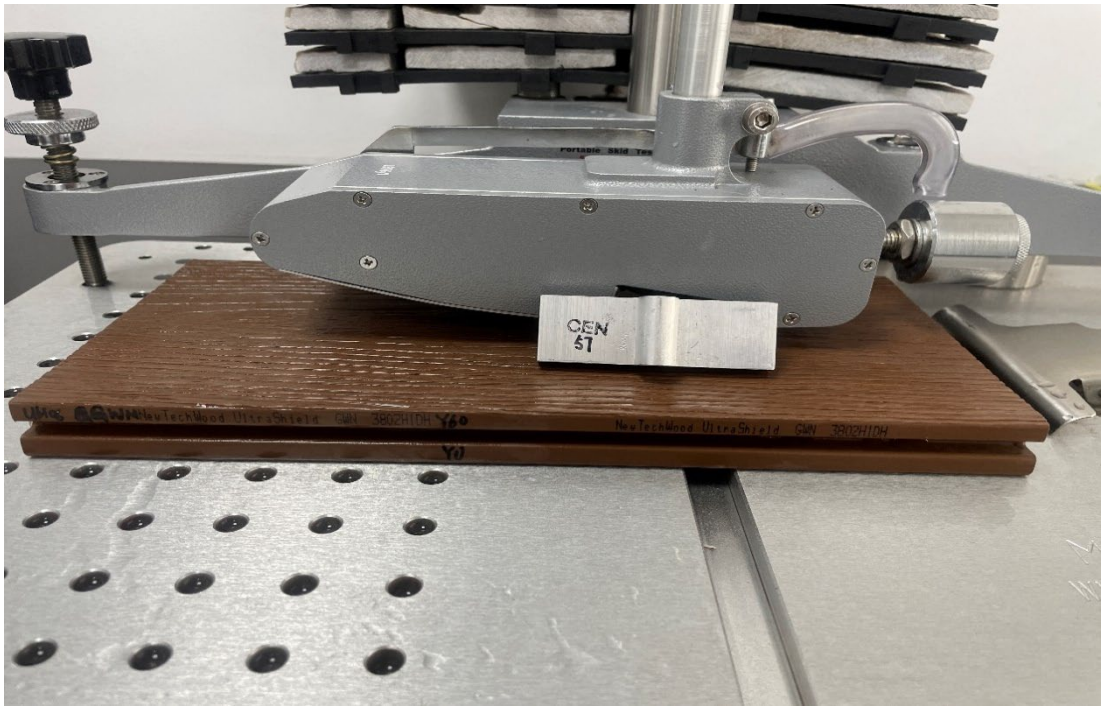


Figure 6

Figure 1 : UH06 Y61 GWN Arrow indicates direction of testing
Figure 2 : UH06 Y61 GWN 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 | - |

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**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≤15 |
| C1 | 15<Rd≤35 |
| C2 | 35<Rd≤45 |
| C3 | Rd>45 |

**Revision:**

| NO. | Date | Changes | Author | Reviewer |
|---|---|---|---|---|
| 20250408-06 | 2025-04-11 | First issue | Christy | Bruce |

The end of report