# Product Specification Sheet

Tru–Wood Origins

## Product Details

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| PRODUCT NAME | Water-Resistant Laminate flooring |
| MATERIAL | HDF |
| SIZE | 1515*238*8mm |
| THICKNESS | 8MM |
| WEAR LAYER | AC4 |
| TREATMENT | Wax Coating |
| CLICK & LOCK SYSTEM | UNININ CLICK, ANGLE-ANGLE |
| PACKING | 2.88456 SQM/BOX (8PCS / BOX) |
| 4 SIDE EDGE | PAINTED BEVEL |

| Test Items | Test Procedure/Methods | Results |
|---|---|---|
| Scratch resistance | NALFA LF 01-2011 | Horizontal; 20N ;No visible scratch on the surface<br>Vertical: 20N ; Visible scratch on the surface, no penetration to core material |
| Impact resistance | NALFA LF 01-2011 | Large ball: 1425mm height； No crack<br>Small ball: 525mm heigh； No crack |
| Critical radiant flux | ASTM E648-19E1 | 5min14s |
| Flooring Formaldehyde grade | ASTM D6007-14 | 0.06PPM (CARB ATCM Phase 2 Compliant) |
| HDF Formaldehyde grade | ASTM D6007-14 | 0.03PPM(CARB ATCM Phase 2 Compliant) |
| T-joint Surface Swell rate | NALFA Laminate Surface Swell Test – Assembled Joint | GRAGE 1 |
| Thickness swelling | NALFA LF 01-2011 Section 3.2 | Average 6.55% |
| Dimensional stability and Curling<br>ASTM F2199-18 | EN 424 /ASTM F2199-18 | Length direction maximum: 0.08<br>Width direction maximum: 0.10<br>Qcuring maximum: 0.002 |
| IIC Laboratory Measurement of Impact Sound Transmission | ASTM E492-09(2016)ε1 | 46-70(dB) |
| STC Laboratory Measurements of Airborne Sound Transmission Loss | ASTM E90-09(R2016) | 33.3-67.8(dB) |
| Locking Strength | ISO 24334:2014 | Long side joint Maximum locking strength Fmax (N): 1403 Short side joint Maximum locking strength $Fm_{ax}$ (N): 1043 |
| Swell Rate | NALFA LF 01-2011, ASTM D6007-14 | 5-8% ( < 10%) |