

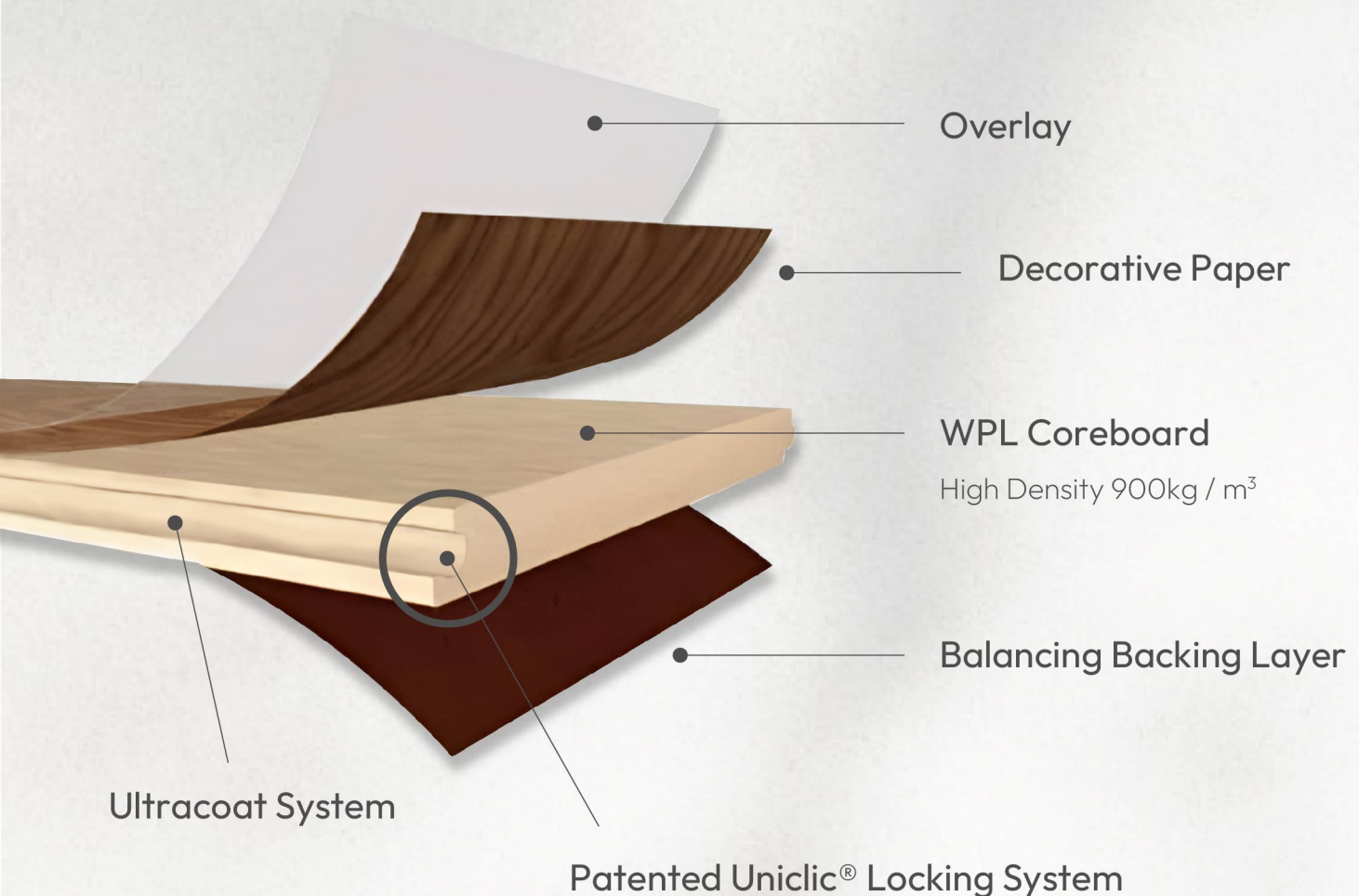
12mm WPL Wood Flooring



Lungo Collection

High

Performance Components



Features of WPL Flooring

Performance Highlights



Termite
Resistant



Stain
Resistant



Fade
Resistant



Scratch
Resistant



Uniclic[®]
Locking System



4 Sided
Painted Bevel



Ultracoat
System



High density
≈900kg/m³



Impact
Resistant



Easy to
Clean



Slip
Resistant



Fire
Retardant



Water
Resistant



Wear
Resistant

Product Overview & Details

Dimension

12 x 238 x 1515 mm

Packing

23.5 sqft / 6 pcs / ctn
23.5 kg / ctn
44 ctns / pallet

Specification

AC4 Class

Surface

EIR

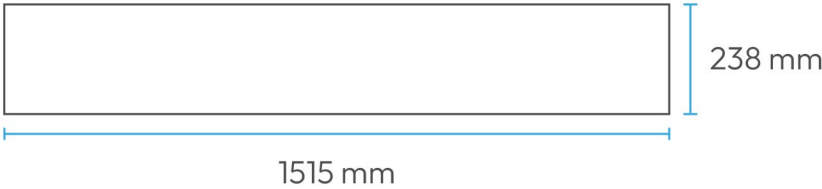
Painted Bevel



Thickness

 12 mm

Dimension



Zen Oak
XL131



Jazz Oak
XL132



Titan Oak
XL133



Venice Oak
XL134



Lincoln Oak
XL135



Midnight Oak
XL136



Dawn Oak
XL137



Wyndham Oak
XL138

XL Accessories – HDF Profile

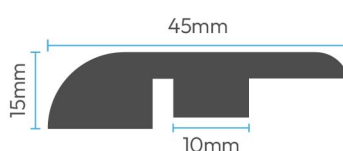
XLS



XL Stair Board

Dimension: 1515 x 65 x 25 mm

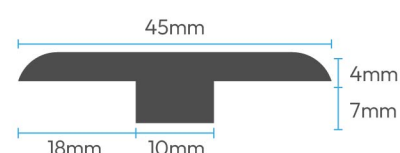
HAP



HDF A Profile

Dimension: 2400 x 45 x 15 mm

HTP



HDF T Profile

Dimension: 2400 x 45 x 11 mm



XLS131

Zen Oak



HAP131

Zen Oak



HTP131

Zen Oak



XLS132

Jazz Oak



HAP132

Jazz Oak



HTP132

Jazz Oak



XLS133

Titan Oak



HAP133

Titan Oak



HTP133

Titan Oak



XLS134

Venice Oak



HAP134

Venice Oak



HTP134

Venice Oak



XLS135

Lincoln Oak



HAP135

Lincoln Oak



HTP135

Lincoln Oak



XLS136

Midnight Oak



HAP136

Midnight Oak



HTP136

Midnight Oak



XLS137

Dawn Oak



HAP137

Dawn Oak



HTP137

Dawn Oak



XLS138

Wyndham Oak



HAP138

Wyndham Oak



HTP138

Wyndham Oak



XL131



XL132



XL133



XL134



XL135



XL136



XL137



XL138

Flooring Underlayment

Silence & Protect



EVA with Aluminium Foil

EVA2AF

Size / Dimension	Thickness	Coverage
1 m (w) X 20 m (l)	2 mm	215 ± sqft



PE FOAM with Aluminium Foil

F2AF

Size / Dimension	Thickness	Coverage
1 m (w) X 50 m (l)	2 mm	538 ± sqft

Product Specification / Performance Specification

Dimension : 238 x 1515 mm**Specification :** AC4 Class**Thickness :** 12 mm**Packing :** 6 pcs / 23.5 sqft

European Standards	EN 14041:2004/AC:2005/AC:2006 - Verification of Conformity to CE Standards
Scratch Resistance	ISO 1518-1:2019 - No Visible Scratching
Small Ball Impact Resistance	NALFA LF 01-2011 Section 3.6 - No Cracking
Slip Resistance	ASTM D2394-2017 - Pass
Locking Strength	ISO 24334:2014 - 4.83 kN/m
Ball Drop Impact Resistant	NALFA LF 01-2011 Section 3.5 - No Cracking
Dimensional Stability	ASTM F2199-18 - Pass @ X & Y Directions
Curling On Heat	ASTM F2199-18 - No Curling
Laminate Surface Swell	NALFA Laminate Surface Swell Test - Pass - Grade 1
Formaldehyde Content Test	ASTM D6007-14 - 0.06 ppm

Certificate & Test Report

SCS Global Services does hereby certify that an independent assessment has been conducted on behalf of **Cyberflor Malaysia**

For the following product(s):
Laminate Flooring (Maximum Thickness: 12mm)
Laminate Flooring with EVA pad (Maximum Thickness: 14mm)

The product(s) meet(s) all of the necessary qualifications to be certified for the following claim(s):
Indoor Air Quality Certified to SCS-102 v4.2 2023

Cyberflor is the COPPERFLEX Standard Method v1.2 2017 (California Section 01309), effective April 1, 2017, for the indoor chemicals and physical performance, unless indicated otherwise.

Measured & Concentrated if Total Volatile Organic Compounds (TVOC) Less than equal to 0.5 mg/m³ in compliance with COPPERFLEX Standard Method v1.2 2017

Registration # SC5-05-07848

Valid from July 04, 2024 to March 31, 2025

SCS Global Services is hereby the only verification body approved by the Building Research Institute (BRI) to provide independent verification services for the building products in the Malaysian market. For more information, please visit: www.scsglobal.com/verification-services/malaysia

SCSglobal

ANAB
ACCREDITED TO ISO 9001:2015
P. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10
REGISTERED CERTIFICATION

floor score
Flooring Performance Rating

WPL
Wood-Plastic Laminate

WPL
Wood-Plastic Laminate

Profile tensile strength long side

Method name:	Profile Tensile Strength	Preload:	2.00 N
Product name:	LAM	Speed:	1.00 mm/min
Customer:	Sawing	Load:	0.20 mm
Profile:	UC	Batch Date and Time:	19/08/2022 10:07

Direction	Thickness mm	Width mm	Ultimate Force N	Ultimate Force per Width MPa	Ultimate Displacement mm	POI %
Long side	12.0	100	492	4.92	0.726	545
Long side	12.0	100	679	6.79	0.726	545
Long side	12.0	100	851	8.51	0.726	528
Average			674	6.74	0.726	538
SD			178	1.78	0.166	1.98
CV			5.09	5.09	2.31	2.17



intertek
Test Quality Assured

Test Report

Issue Date: 2021-03-17 Intertek Report No.: Z80300029F-001

Test Item, Method and Results:

Test Item: Laminate Surface Swell Test - Assembled Joint

Test Method: NALFA Laminate Surface Swell Test - Assembled Joint

Conditioning: Condition the test specimens at (23±2°C and (50±5)% relative humidity for 24h

Test Conditions:

Duration (h): 24

Standard for water: 24

Recovery: 24

Test Results:

Test Results	Quantitative Results (mm)			Qualitative Rating	
	Specimen 1	Specimen 2	Average	Specimen 1	Specimen 2
Initial measurement	Test Position 1 (Inverted "T" joint)	-0.24	-0.18	/	/
	Test Position 2	-0.65	-0.41	/	/
	Test Position 3	-0.58	-0.37	/	/
	Test Position 4	-0.46	-0.17	/	/
Wet swell measurement	Test Position 1 (Inverted "T" joint)	0.06	0.10	0.09	
	Test Position 2	0.09	0.10		
	Test Position 3	0.09	0.12	0.10	1
	Test Position 4	0.11	0.06		
Recovery swell measurement	Test Position 1 (Inverted "T" joint)	0.15	0.18	0.17	
	Test Position 2	0.10	0.18		
	Test Position 3	0.17	0.20	0.18	1
	Test Position 4	0.15	0.09		

Note:

1. Evaluate the joints for apparent differences. In visual swell and feel (light touch) can be helpful in discerning differences within the circle compared to unexposed portions of the specimen and grade the test assembly per the criteria listed below:

Grade:

1 = No change - No noticeable change in edge swell or panel surface lift.

2 = Slight swelling - Slight swelling, small edge along one or more joints, very little if any panel surface lift.

3 = Moderate - Noticeable edge swelling and some panel surface lift extending away from joint.

4 = Objectionable - Severely raised edge and swelling extending noticeably under the panel surface.

5 = Failed test - Water soaked out of the rim, leaving no continuous film of water inside the ring (this grade is given even if there is no swell of the edge joint).

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intertek
Test Quality Assured

Test Report

Issue Date: 2020-05-27 Intertek Report No.: 2004240059 IF 009

Test Item, Method and Results:

NALFA LF 01-2011: Laminate Flooring Specifications and Test Methods

Test Item	Test Method	Test Results
Slip Resistance	ME dry condition	Static coefficient mean: 0.39 Sliding coefficient mean: 0.41
	ME wet condition	Static coefficient mean: 0.58 Sliding coefficient mean: 0.57
	AMD dry condition	Static coefficient mean: 0.57 Sliding coefficient mean: 0.42
	AMD wet condition	Static coefficient mean: 0.60 Sliding coefficient mean: 0.58

Note:

1. Non-manufacturing direction, AMD=across-manufacturing direction.