

COLLECTION B



BEYOND EXCELLENCE

LOW ABSORPTION



WATERPROOF



ANTI SCRATCH



NATURAL LOOK

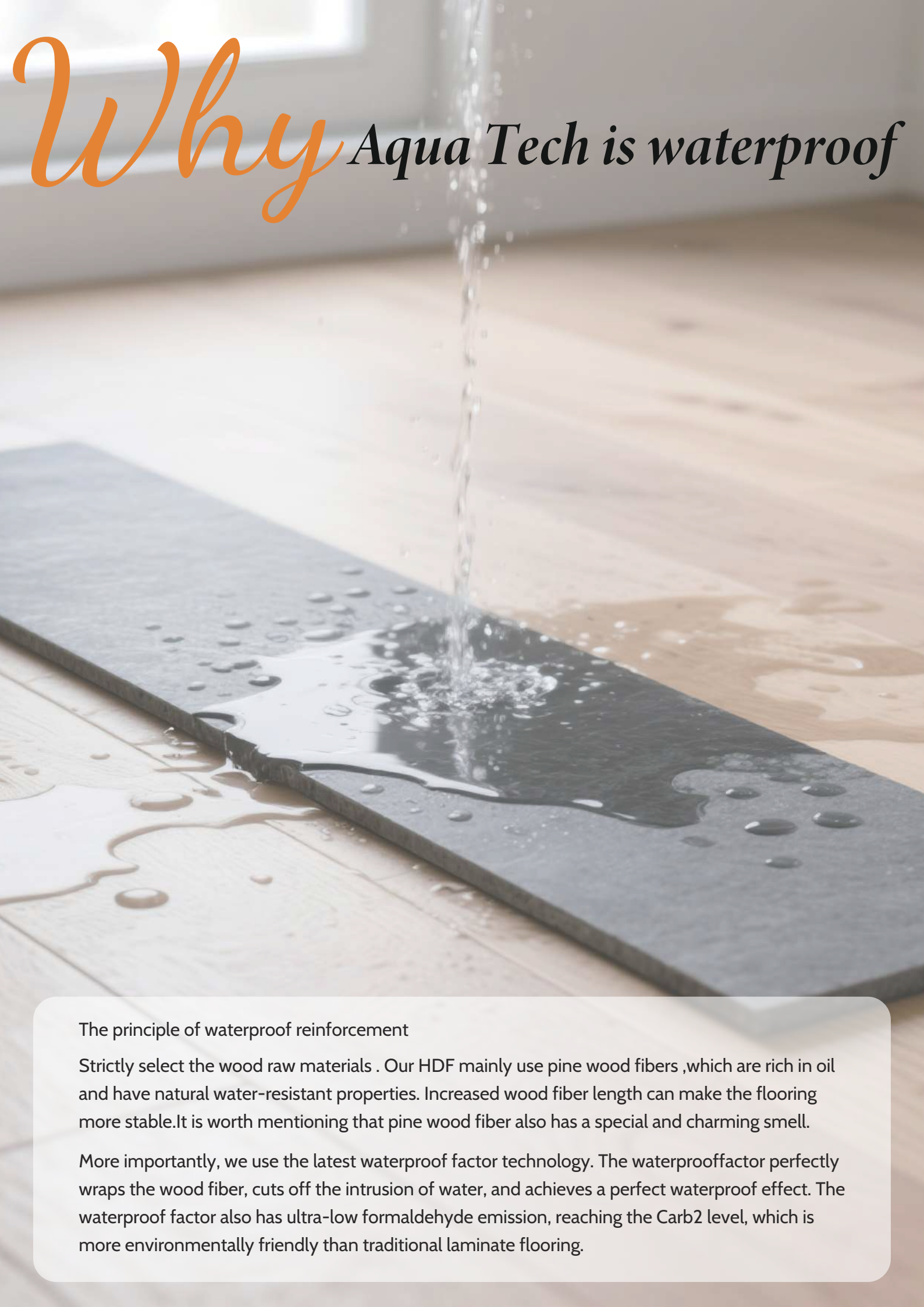


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Why Aqua Tech is waterproof

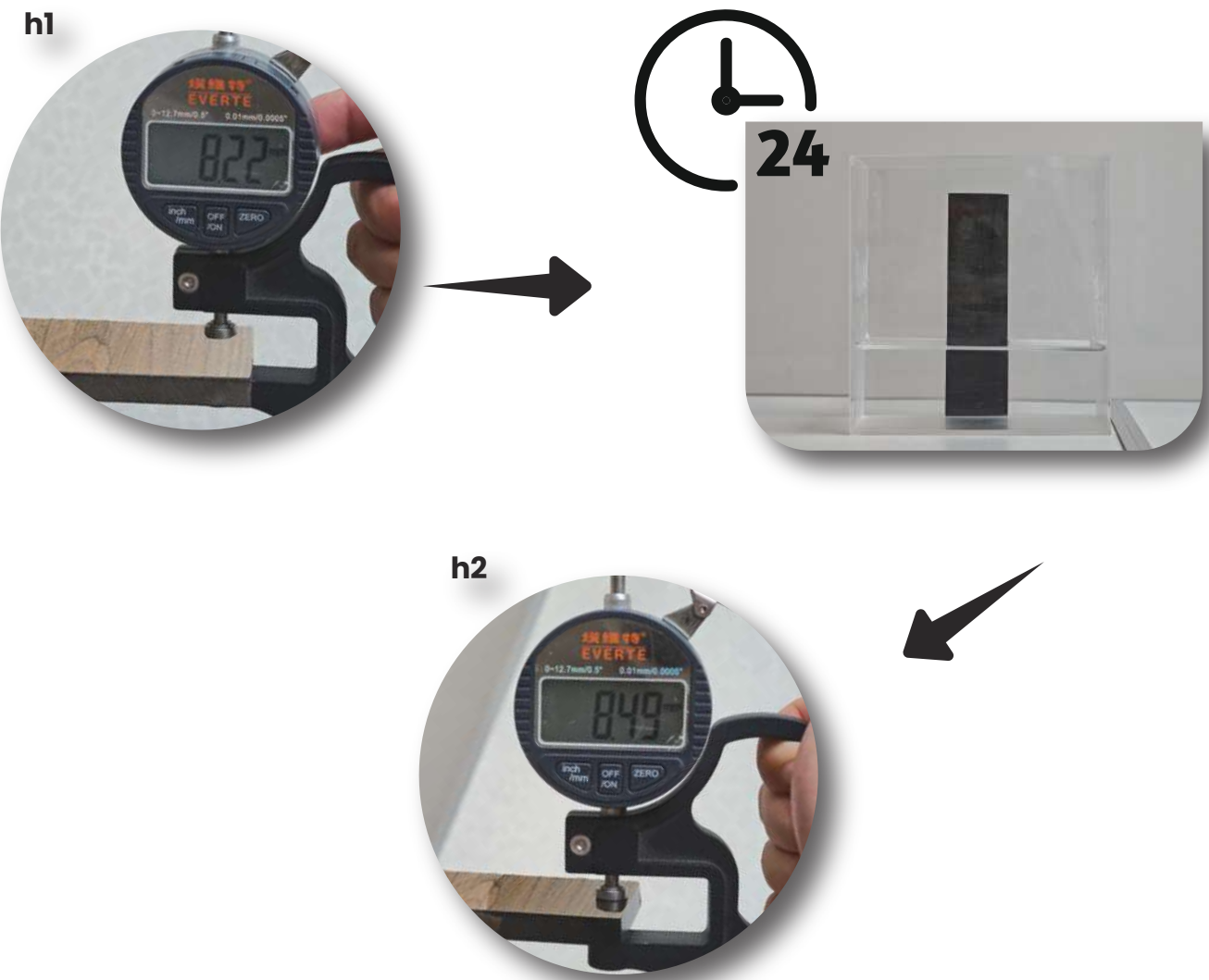
The principle of waterproof reinforcement

Strictly select the wood raw materials . Our HDF mainly use pine wood fibers ,which are rich in oil and have natural water-resistant properties. Increased wood fiber length can make the flooring more stable.It is worth mentioning that pine wood fiber also has a special and charming smell.

More importantly, we use the latest waterproof factor technology. The waterproof factor perfectly wraps the wood fiber, cuts off the intrusion of water, and achieves a perfect waterproof effect. The waterproof factor also has ultra-low formaldehyde emission, reaching the Carb2 level, which is more environmentally friendly than traditional laminate flooring.

WATERPROOF EFFECT TESTING

Strictly do the testing according to EU standard EN13329



Calculation Formula

- D —— Water absorption thickness expansion rate,%
- h1 —— Thickness of specimen before immersion in water,mm
- h2 —— Thickness of the specimen after immersion in water,mm

$$D = \frac{h2-h1}{h1} \times 100\%$$

Test Item	Test Result															Avera Value
	Individual Value															
Thickness Swelling (%)	8.07 mm	7.95 mm	8.07 mm	8.13 mm	8.20 mm	8.24 mm	8.21 mm	8.21 mm	8.21 mm	7.97 mm	7.88 mm	7.88 mm	8.64 mm	8.70 mm	8.84 mm	6.745
	7.11	6.95	6.96	6.87	6.73	6.82	6.97	6.73	6.95	6.35	6.30	6.20				
	8.64 mm	8.70 mm	8.84 mm	8.83 mm	8.79 mm	8.80 mm	8.78 mm	8.76 mm	8.78 mm	8.47 mm	8.37 mm	8.36 mm				



NATURAL

Enjoy the air from Nature

Formaldehyde emission < 0.05ppm

AquaTech laminate strictly choose the wood fiber and produced with high technology , making sure that our flooring reach the USA Carb2 Compliance standard for safer wood products



Enviromental
Protection



Scratch
resistance



Easy to install



Pet proof



Waterproof



Floorscore®
Certified

THE COMPARASION WITH SPC

The defects of spc flooring after use



Easy To Break



Brightness Difference
& Easy To Dirty



Easy to scratch



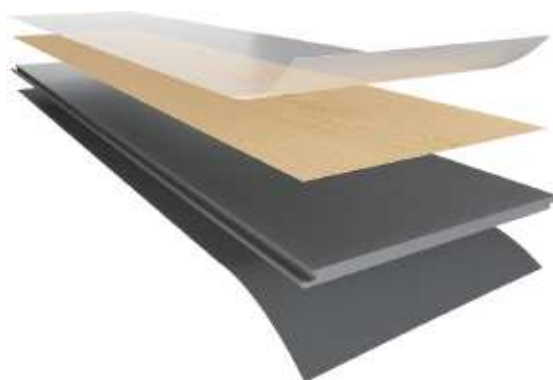
Easy To Expansion



AQUA TECH



AQUA-TECH-LFP



- ① Wear Layer
- ② Decorative Paper
- ③ Aqua-tech CDF
- ④ Balance Layer

TECHNICAL DATA

Characteristics	Standard	Testing results
Product Dimensions	EN324	length: (-0.5mm,+0.5mm)
Product Dimensions		width:(-0.10mm, +0.20mm)
Product Dimensions	EN324	thickness: 8 mm (-0.2mm,+0.3mm)
Squareness of floor		maximum≤0.20mm
Straightness of floor	EN324	maximum≤0.30mm
Openings between floor	EN324	average≤0.15mm maximum≤0.20mm
Height difference between floors	EN324	average≤0. 10mm maximum≤0.15mm
Dimensional variatins after changcs in relative humidity	EN324	length avcrage≤0.9mm width average≤0.9mm
Light fastness	EN20105-A02	Contrast between exposed and unexposed zone : grade≥4(gray scale)
Static indentation	EN13329:2016 EN ISO 24343-1	No visible change ≤0.01mm indentation using a straight steel cylinder,Φ=11.30mm
Surface Soundness	EN13329:2016	≥1.00N/mm ²
Abrasion Resistance	EN438-2 EN13329	Class23/31 Domestic use Class 32 Heavy Commercial use
Thickness swelling rate of water absorption (24H)	EN317	6.7 %
Impact resistance	EN13329	Class IC2
Formaldehyde release	ASTM E 1333	Carb2(≤0.11ppm)
Resistance to cigarette burns	EN 438-2	No spot,no crack,no drum bubble
Resistance to staining	EN 438-2	Group 1-2≥5 Group 3≥4

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RICH COLOURS

NL12004

Wearlayer: AC4

Surface: Texture

Excellent waterproof and moisture resistance



WATERPROOF

The new process design for waterproof reinforcement aims to improve the stability and waterproof performance of the floor

AQUA-TECH-LFP



RICH COLOURS



NL12005

Wearlayer: AC4

Surface: Texture

**Excellent waterproof and
moisture resistance**



WATERPROOF

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AQUA-TECH-LFP

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RICH COLOURS

NL12011

Wearlayer: AC4

Surface: Texture

Excellent waterproof and moisture resistance



SIZE:1215x197x8mm

WATERPROOF

The new process design for waterproof reinforcement aims to improve the stability and waterproof performance of the floor

AQUA-TECH-LFP



RICH COLOURS



NL12012

Wearlayer: AC4

Surface: Texture

**Excellent waterproof and
moisture resistance**



NL15009

Wearlayer: AC4

Surface: EIR

Environmental Safety

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RICH COLOURS



SIZE:1515x235x10mm+1mm IXPE

WATERPROOF

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AQUA-TECH-LFP

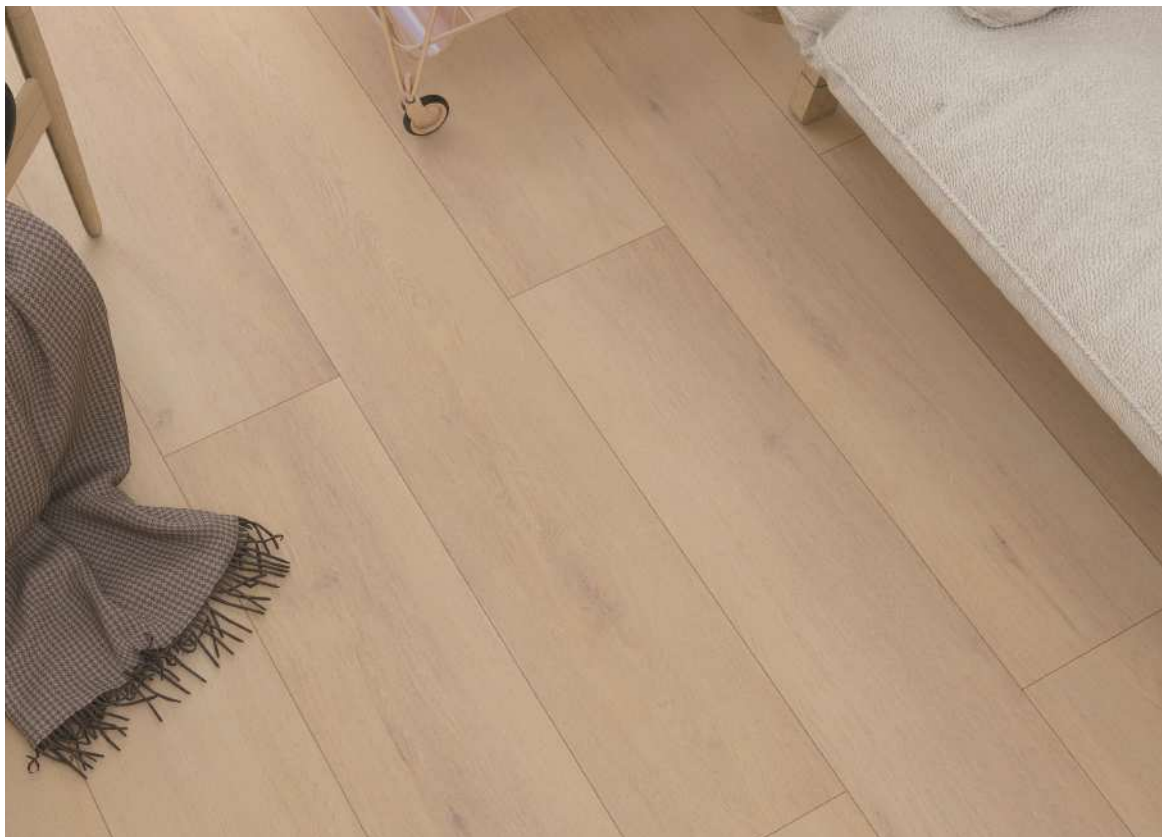
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NL15010

Wearlayer: AC4

Surface: EIR

Environmental Safety



RICH COLOURS



SIZE:1515x235x10mm+1mm IXPE

WATERPROOF

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AQUA-TECH-LFP

NL15011

Wearlayer: AC4

Surface: EIR

Environmental Safety

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RICH COLOURS



SIZE:1515x235x10mm+1mm IXPE

WATERPROOF

The new process design for waterproof reinforcement aims to improve the stability and waterproof performance of the floor

AQUA-TECH-LFP

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NL15012

Wearlayer: AC4

Surface: EIR

Environmental Safety



RICH COLOURS



SIZE:1515x235x10mm+1mm IXPE

WATERPROOF

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AQUA-TECH-LFP

NL15013

Wearlayer: AC4

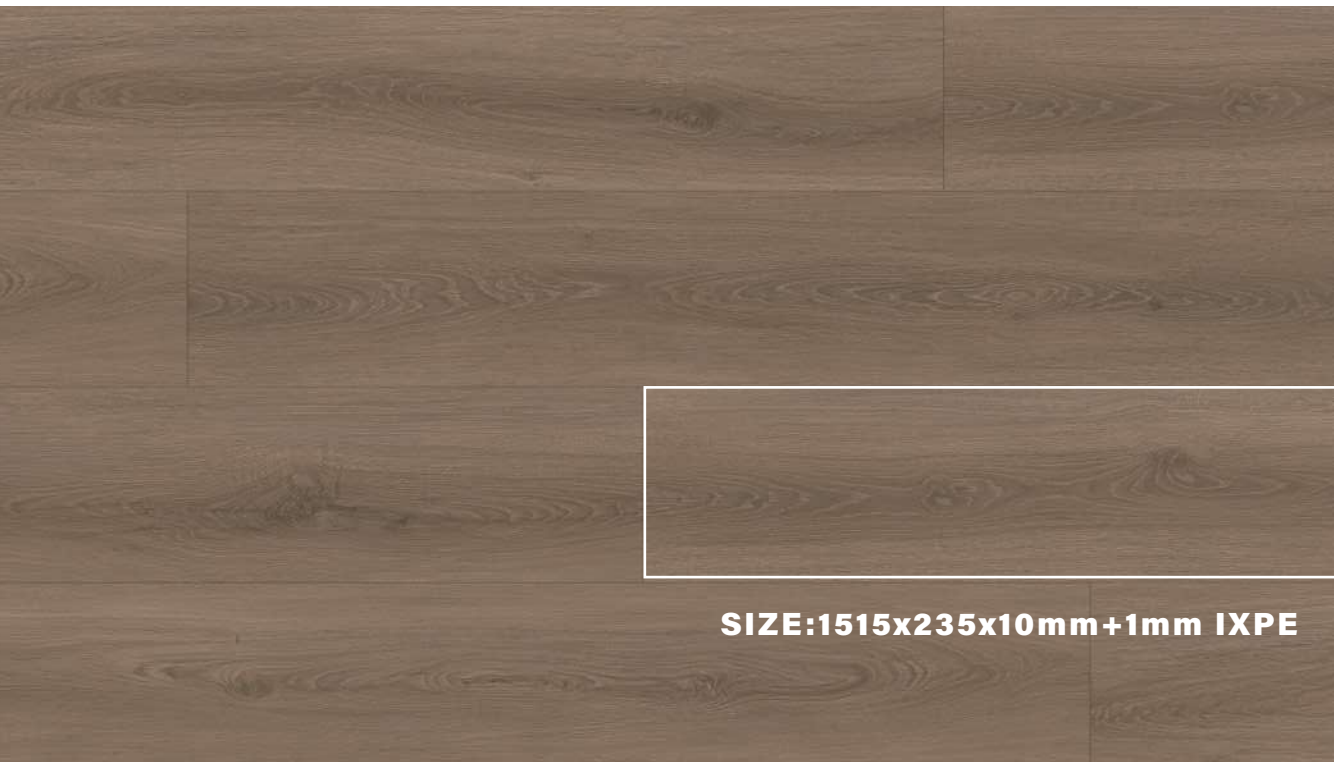
Surface: EIR

Environmental Safety

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RICH COLOURS



SIZE:1515x235x10mm+1mm IXPE

WATERPROOF

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