

COLLECTION A



AQUA-TECH

LFP



LOW ABSORPTION



WATERPROOF



ANTI SCRATCH



NATURAL LOOK

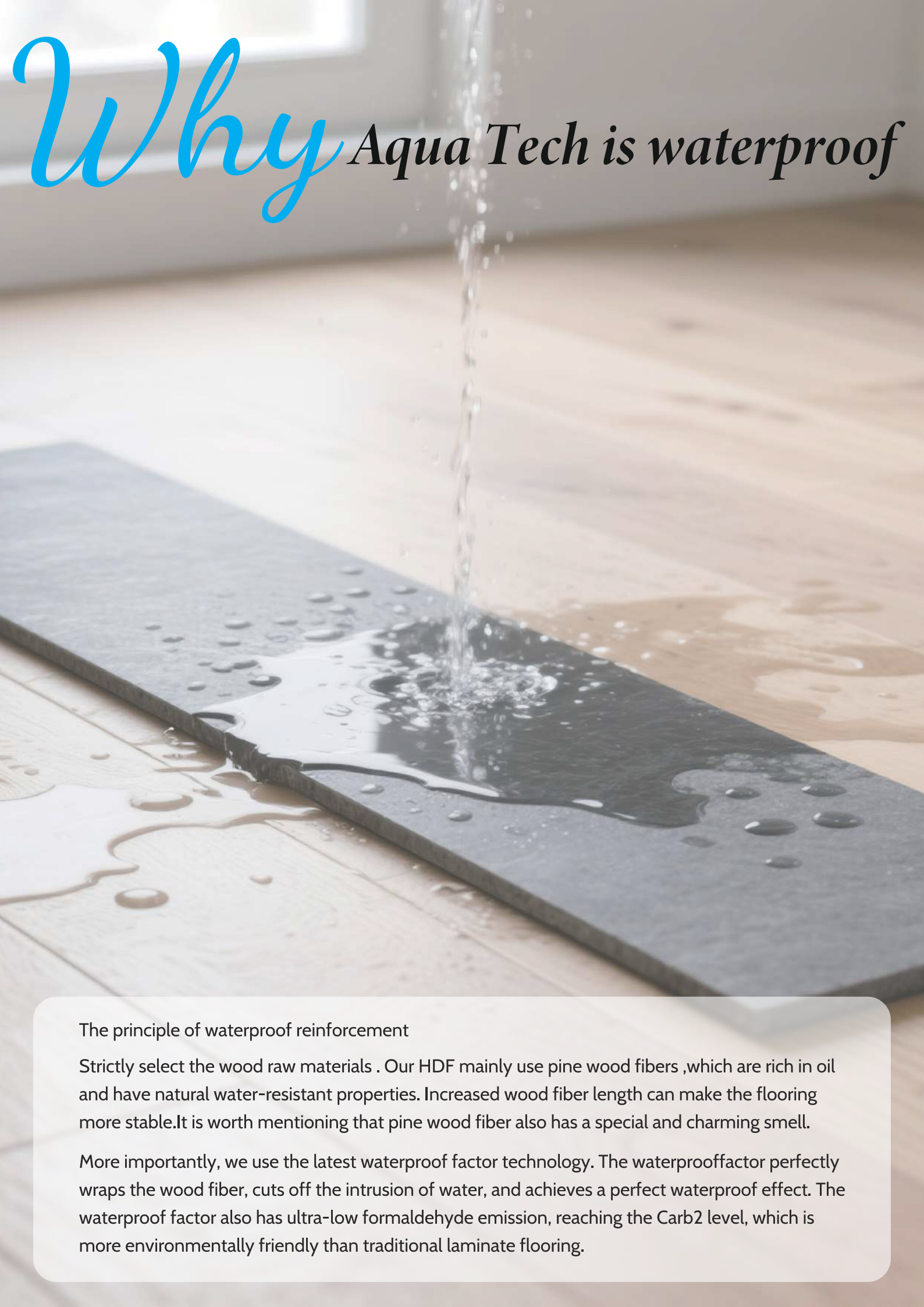


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Why Aqua Tech is waterproof

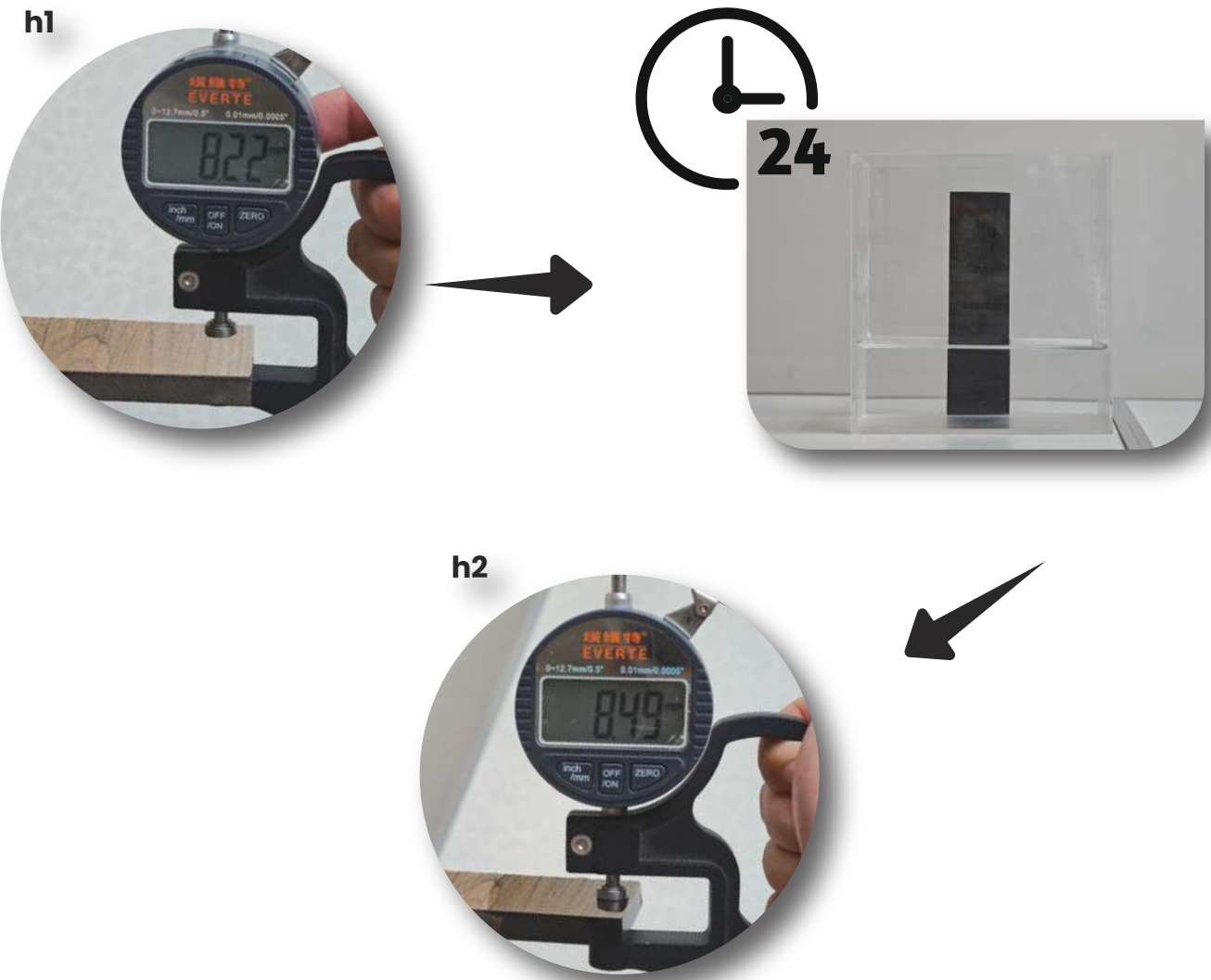
The principle of waterproof reinforcement

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				



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





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



RICH COLOURS

NL12001

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



NL12002

Wearlayer: AC4

Surface: Texture

**Excellent waterproof and
moisture resistance**



WATERPROOF

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RICH COLOURS

NL12003

Wearlayer: AC4

Surface: Texture

Excellent waterproof and moisture resistance



WATERPROOF

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AQUA-TECH-LFP



RICH COLOURS



NL12007

Wearlayer: AC4

Surface: Texture

**Excellent waterproof and
moisture resistance**



WATERPROOF

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AQUA-TECH-LFP

NL15002

Wearlayer: AC4

Surface: EIR

Environmental Safety

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RICH COLOURS



SIZE:1515x235x10mm+1mm IXPE

WATERPROOF

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NL15004

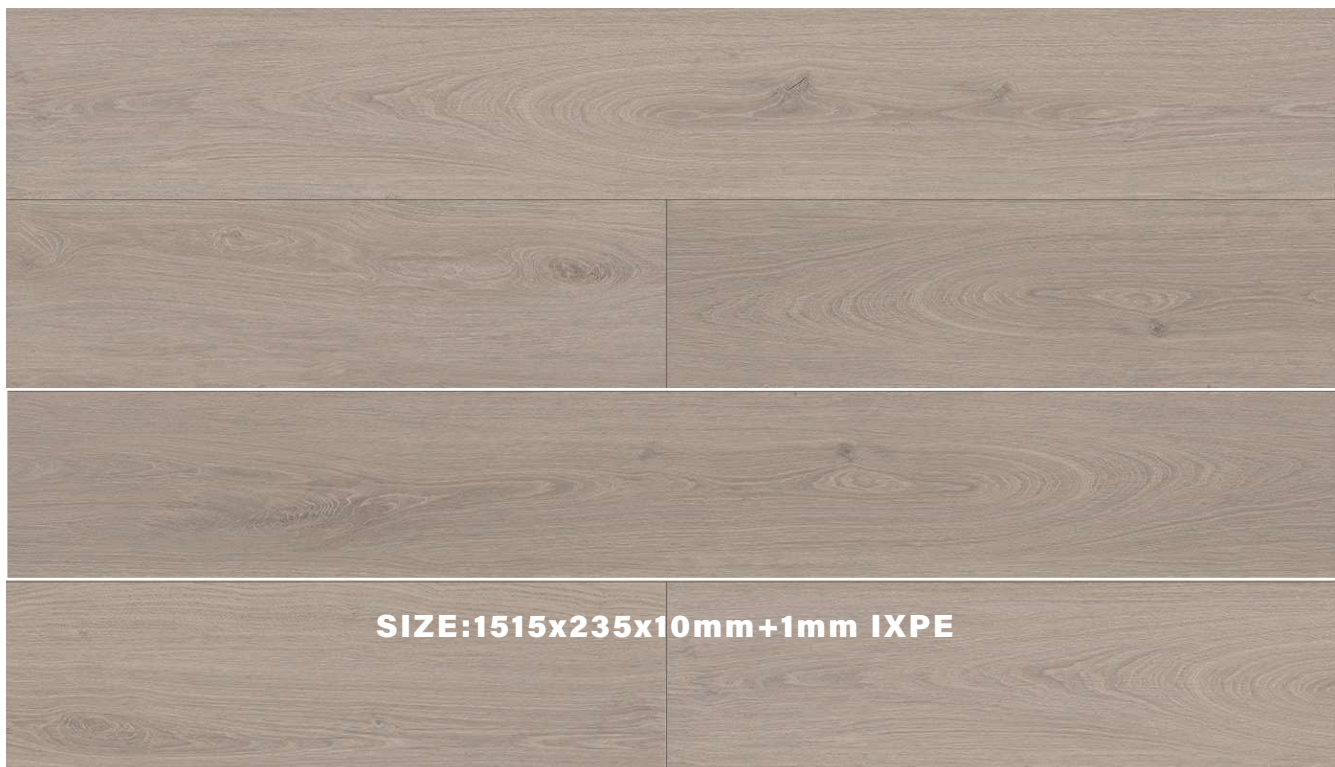
Wearlayer: AC4

Surface: EIR

Environmental Safety



RICH COLOURS



SIZE:1515x235x10mm+1mm IXPE

WATERPROOF

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AQUA-TECH-LFP

NL15006

Wearlayer: AC4

Surface: EIR

Environmental Safety

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RICH COLOURS



SIZE:1515x235x10mm+1mm IXPE

WATERPROOF

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NL15007

Wearlayer: AC4

Surface: EIR

Environmental Safety



RICH COLOURS



SIZE:1515x235x10mm+1mm IXPE

WATERPROOF

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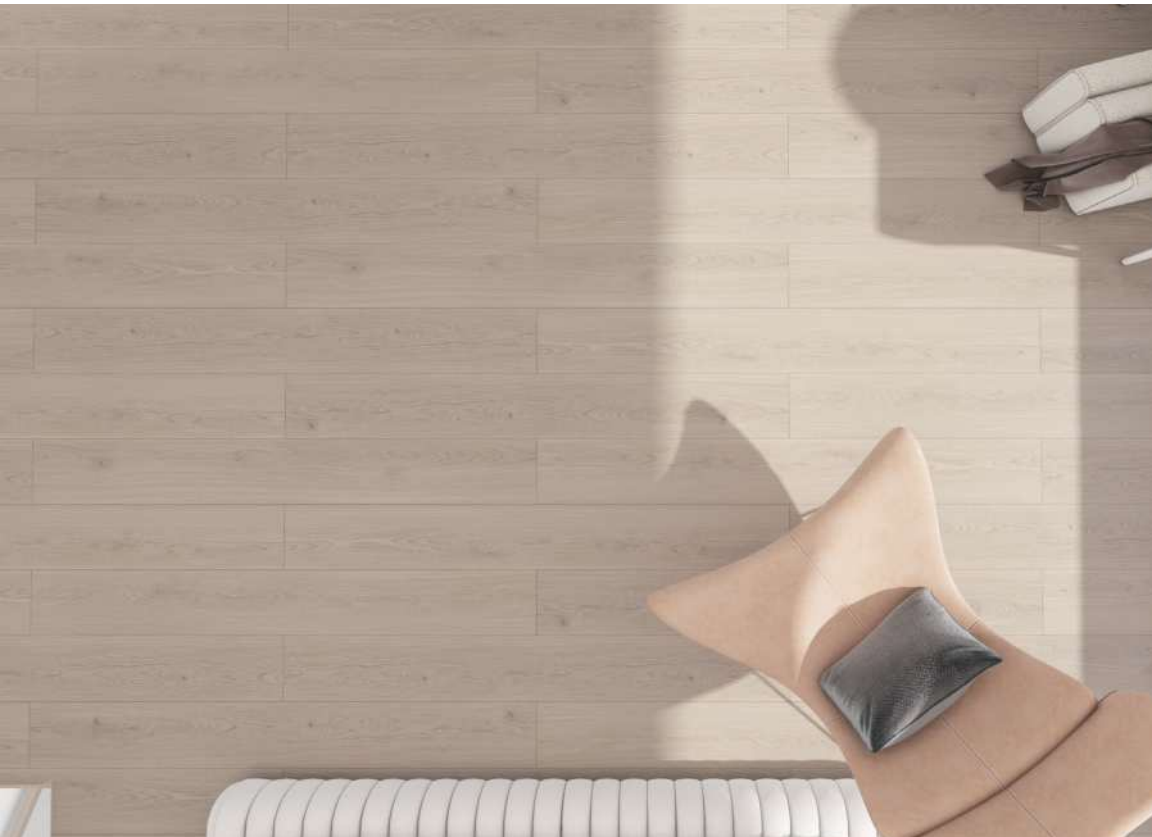
NL15008

Wearlayer: AC4

Surface: EIR

Environmental Safety

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RICH COLOURS



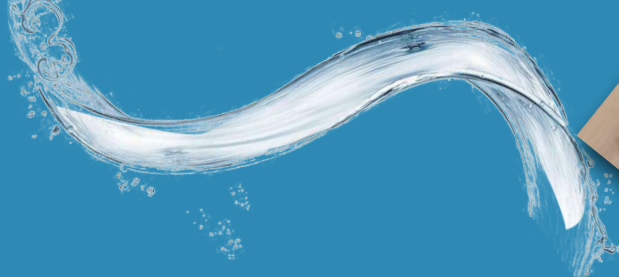
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