



AQUA-TECH

Premium Collection

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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.

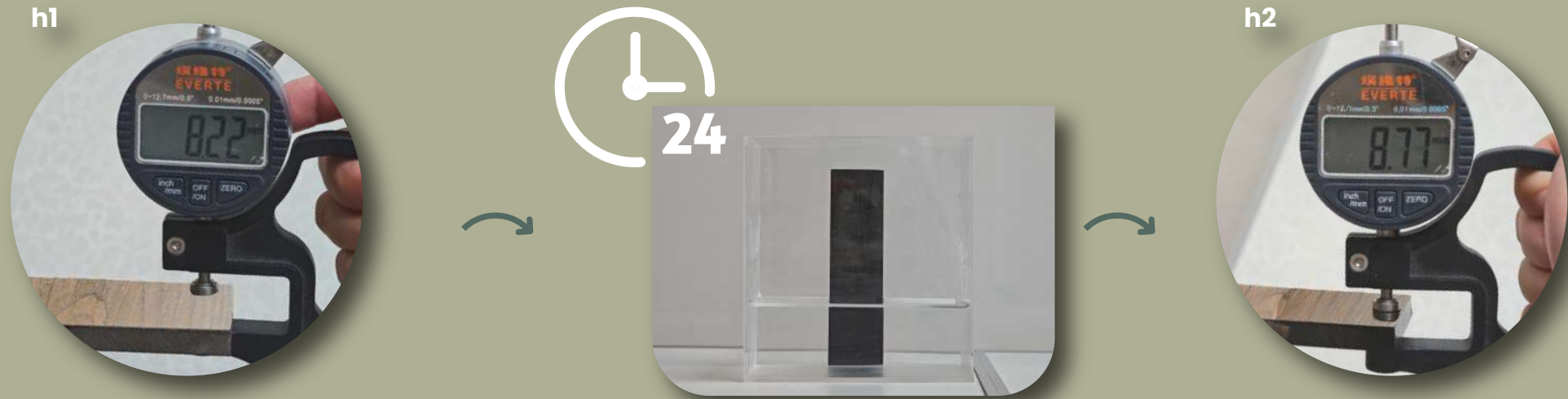
It is worth mentioning that pine wood fiber also has a special and charming smell.

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	8.36 mm	8.37 mm	8.47 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				

LUXURY



The strong feeling of super wood texture come from surface model technology



FIR SURFACE

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



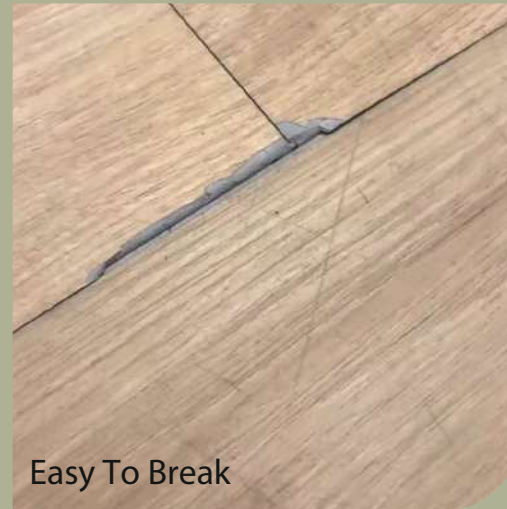
Waterproof



FloorScore® Certified

THE COMPARASION WITH SPC

The defects of spc flooring after use



AQUA TECH



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:10mm(-0.2mm,+0.3mm)
Squareness of floor		maximum≤0.20mm
Straighttness 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 averages≤0,9mm width averages≤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/mm²
Abrasion Resistance	EN438-2 EN13329	Class 23/31 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



Specification

SIZE: 1515*235*10mm+1mm IXPE

Wearlayer: AC4

Surface: EIR

Each piece of floor is a quiet monologue. The high-quality texture stretches in low-saturation tones, giving the space a warm and high-end background, and inadvertently reveals an extraordinary taste.

PREMIUM COLLECTION



NL15002





Product Display



NL15004





Product Display



NL15006



Product Display



NL15007



Product Display



NL15008



NL15009



Product Display



NL15010





Product Display



NL15011

Product Display



NL15012





Product Display



NL15013





★ Bogota