

# aquanatura

## PRODUCT BENEFITS

- pairs the natural properties of cork with the durability of vinyl
- easy to maintain and retains its value well
- up to 16 dB improvement in footfall sound with cork support base
- suitable for water-based underfloor heating
- extremely durable thanks to high quality surface finish
- waterproof - ideal for any room, including bathrooms and kitchens.
- ideal for renovation projects thanks to low installation height and integrated impact sound insulation.
- can be used for large-scale laying (up to 12 x 12 m)

## FLOATING INSTALLATION OR ALL-OVER ADHESION



- 1 Wear layer**  
PUPRO
- 2 Vinyl top layer**  
synchronous embossing
- 3 Solid vinyl layer**  
1,2mm core layer
- 4 Cork core made of a cork granulate mixture with**  
3mm impact sound insulation, warm, comfortable and waterproof
- 5 Vinyl support layer**  
1,2mm Structural levelling layer

## DIMENSIONS AND BEVELING

1225 x 195 x 6 mm



## SURFACES AND WARRANTY

Aquanatura is ideally suited to use in commercial property.



Technical Data Sheet	Standard	Unit	Value
Dimension (LxWxT)	-	-	1225 x 195 x 6mm 48 7/32 x 7 11/16 x 1/4"
Mass per unit	-	Kgs / m <sup>2</sup>	8,12
Packaging (box / pallet)	-	m <sup>2</sup>	1,672 / 93,632
Level of use Domestic	ISO 10874	Class	23
Level of use Commercial	ISO 10874	Class	33

### GENERAL PROPERTIES - EN 16511

Thickness, t -	ISO 24337	$\Delta t_{avg} \leq 0,50$ mm, relative to nominal value / $t_{max} - t_{min} \leq 0,50$ mm	Complies
Length, l	ISO 24337	$\leq 1\,500$ mm: $\Delta l \leq 0,5$ mm / $> 1\,500$ mm: $\Delta l \leq 0,3$ mm/m	Complies
Width, w	ISO 24337	$\Delta w_{avg} \leq 0,10$ mm, relative to nominal value / $w_{max} - w_{min} \leq 0,20$ mm	Complies
Squareness, q	ISO 24337	$max \leq 0,20$ mm	Complies
Straightness, s	ISO 24337	$max \leq 0,30$ mm/m	Complies
Openings, o	ISO 24337	$max \leq 0,20$ mm	Complies
Height difference, h	ISO 24337	$h_{max} \leq 0,15$ mm	Complies
Flatness of the panel (Length - concave / convex)	ISO 24337	concave $\leq 0,50$ % / convex $\leq 1,0$ %	Complies
Flatness of the panel (Width - concave / convex)	ISO 24337	concave $\leq 0,15$ % / convex $\leq 0,20$ %	Complies

### CLASSIFICATION PROPERTIES - EN 16511

Wear resistance IP	EN 15468, procedure B	$\geq 5\,000$ cycles	Complies
Impact resistance [mm] (big ball)	EN 13329:2006+A1:2008, Annex F	$\geq 1\,600$ mm	Complies
Castor chair resistance	EN 425	25 000 cycles	Complies
Resistance to staining	EN 438:2	Groups 1 and 2: grade 5 Group 3: grade 4	Complies
Residual Indentation	EN ISO 24343-1	$\leq 0,2$ mm	Complies
Swelling	ISO 24336	$\leq 18$ %	Complies
Dimensional Stability (heat conditions)	ISO 23999	$\leq 0,25$ %	Complies

### SAFETY PROPERTIES - EN 14041

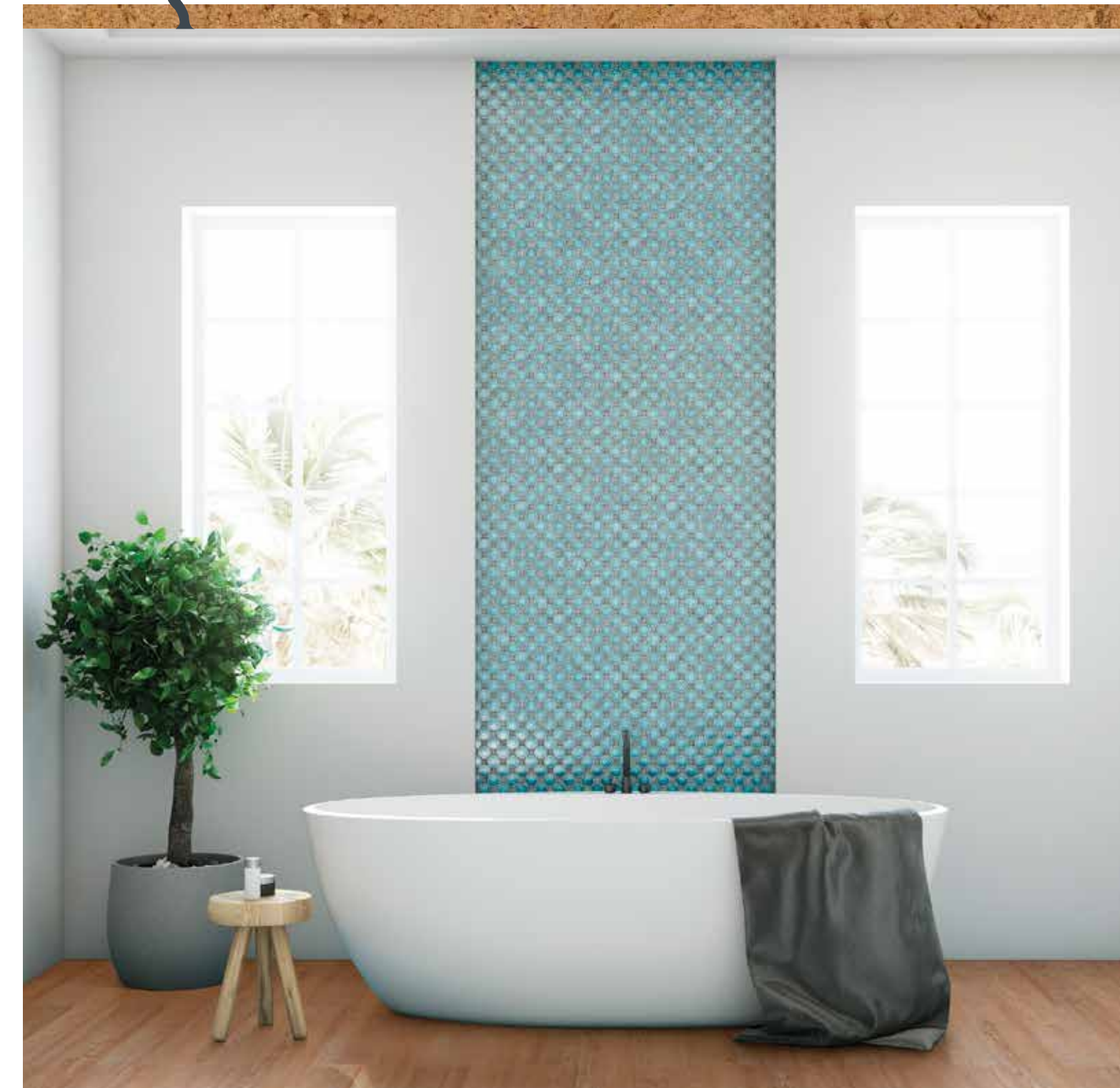
Fire resistance	EN ISO 11925-2 + EN ISO 9239-1: Class EN 13501-1	Class	Bfl-s1
Slip Classification	EN 13893	Class	DS
Formaldehyde emission	EN 717-1	Class	E1
Electrical behaviour	EN 1815	kV	Not antistatic
Content pentachlorophenol (PCP)	EN 14041 Annex B	mg/kg	Undetectable

### ADDITIONAL PROPERTIES

Impact sound reduction	EN ISO 10140	dB ( $\Delta L_w$ )	16
Walking noise	IHD-W431	dB %	Difference of loudness 12,2dB Reduction improvement 42,0%
Thermal resistance (Thermal conductivity)	EN ISO 10456	m <sup>2</sup> ·K/W	0,05



**cortex**  
Excellence in Cork



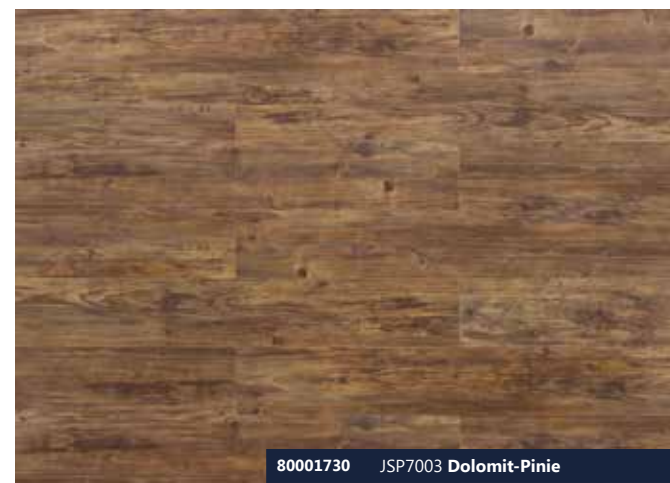
**cortex**  
Excellence in Cork

Amorim Cork Flooring, S.A.  
Rua do Ribeirinho 202 - P.O. Box 13  
4536-907 S. Paio de Oleiros - Portugal  
T. +351 22 747 56 00 E. info.acf@amorim.com



**aquanatura**

Stunning look - perfect features



Sound-absorbing design



Can be used with underfloor heating



Dimensional stability



Remarkably realistic

**STUNNING LOOK  
PERFECT FEATURES**



**1** Hold two boards side by side  
As soon as the tongue is inserted into the groove, the cork core is automatically compressed.



**2** Simply connect the boards and press down on them with a rubber mallet or roller  
The cork then returns to its original shape, creating a tight, robust connection.



### NEW LAYING SYSTEM COMPRESSION TECHNOLOGY

The revolutionary PressFit laying system works according to the same principle as a cork in the neck of a wine bottle. This friction-locking system relies on cork's inherent flexibility, elasticity and compressibility. The cork tongues on the boards are automatically compressed by the pressure of the closing motion, and then spring back into the groove; the boards are now connected and firmly locked in place. This flooring can be laid very quickly and easily, in two steps.



### WATERPROOF

The Aquanatura elements are waterproof, so they do not swell up if they are exposed to moisture. Aquanatura can be laid in any room of the house and makes it suitable for simple regular cleaning.



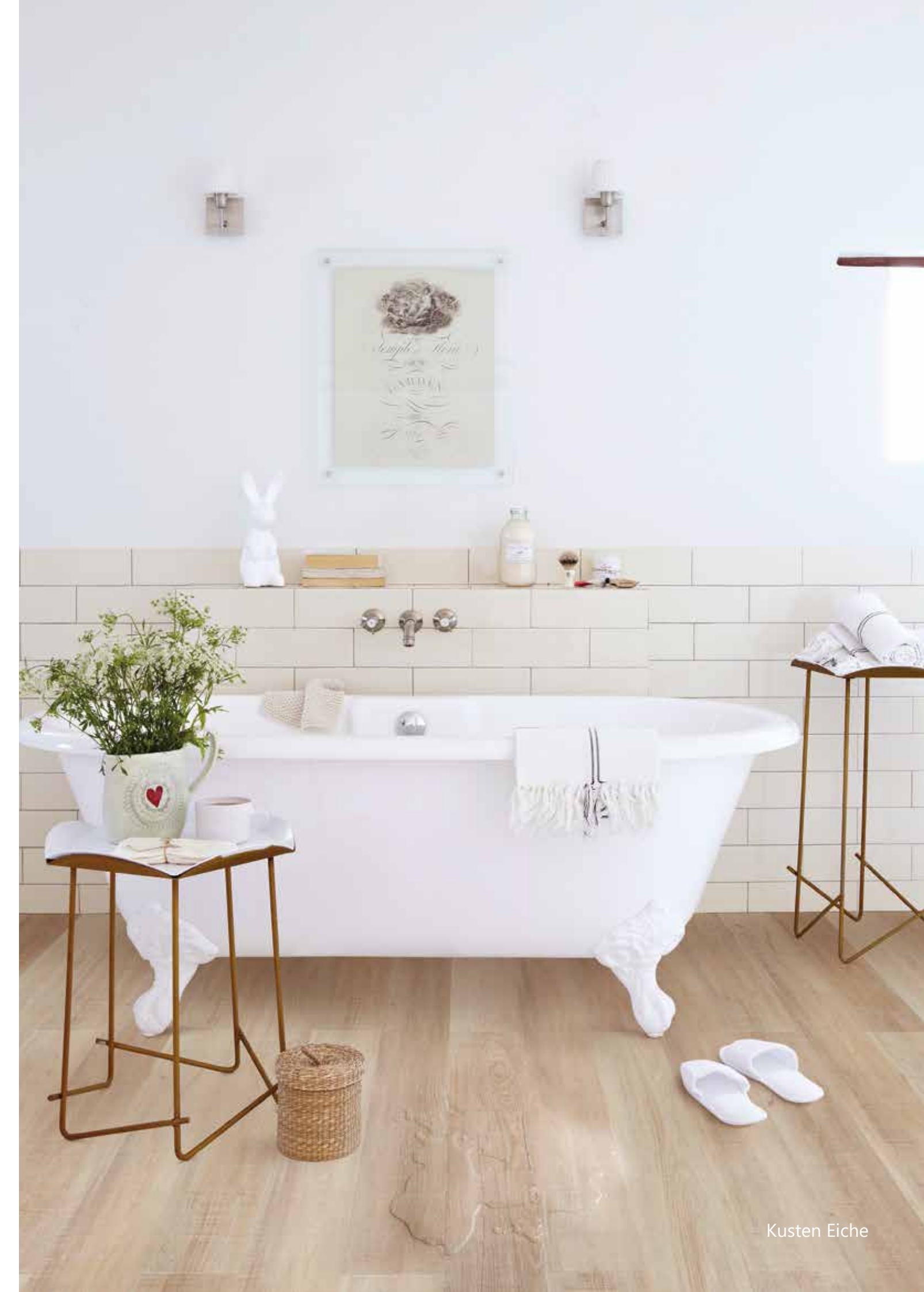
### IDEAL FOR RENOVATION WORK

With an installation height of just 6 mm, Aquanatura is perfect for renovation projects. It is easy to slice with a cutter knife and very easy to use. What's more, it has a solid, even structure that greatly reduces transmission of sound.



### EXCELLENCE

In impact resistance.  
In quietness.  
In walking and standing comfort.  
In warmth.



Kusten Eiche

The printing process may result in some colour deviations.