

**plusnatura**

cork, wood & stone

**PRODUCT BENEFITS**

the 100 % PVC-free alternative to vinyl and design floors

- pairs the functional benefits of vinyl with the sustainability of a cork floor
- easy to look after and retains its value well
- high dimensional stability - can be installed at up to 18 x 18m
- up to 18 dB improvement in footfall sound thanks to cork support base
- suitable for water-based underfloor heating
- 100% recyclable
- waterproof - ideal for any room, including bathrooms and kitchens
- ideal for renovation projects thanks to low installation height and integrated impact sound insulation

**PLUSNATURA is a sustainable, PVC-free floor that is up to 100% waterproof. As such, PLUSNATURA makes the ideal choice for any interior.**

PLUSNATURA floors feature a PVC-free decor film over a natural, waterproof cork support base, with 4-sided micro-bevelling for floating, glueless installation or all-over adhesion. Thanks to the cork support base, PLUSNATURA floors boast increased dimensional stability and superior resistance to wear and tear, and are suitable for installation in any home or commercial property. The additional cork interlayer further harnesses the benefits of cork, such as additional comfort, optimal temperature all year, greater walking comfort and improved sound and thermal insulation.

**DIMENSIONS AND BEVELING**

**cork**

1225 x 190 x 7 mm

4-sided bevelled

**wood**

1225 x 190 x 7,3 mm

4-SIDE MICRO BEVEL  
Synchronised embossing

**stone**

910 x 300 x 7 mm

No bevel

**WARRANTY**



STANDARD - TEST METHOD		UNIT	cork / wood / stone
<b>Dimension (LxWxT)</b>	-	mm	1225 x 190 x 7 (cork) 1225 x 190 x 7,3 (wood) 1225 x 190 x 7 (stone)
<b>Mass per unit</b>	-	Kgs / sqm	6,53 (cork) 6,36 (wood) 6,21 (stone)
<b>Packaging (box / pallet)</b>	-	sqm	1,862 / 81,928 (cork & wood) 2,184 / 78,624 (stone)
<b>Level of use Domestic</b>	-	Class	23 (ISO 10874)
<b>Level of use Commercial</b>	-	Class	33 (ISO 10874)
<b>GENERAL PROPERTIES - EN 16511</b>			
<b>Thickness, t -</b>	ISO 24337	$\Delta t_{avg} \leq 0,50$ mm, relative to nominal value / $t_{max} - t_{min} \leq 0,50$ mm	Complies
<b>Length, l</b>	ISO 24337	$\leq 1.500$ mm: $\Delta l \leq 0,5$ mm / $> 1.500$ mm: $\Delta l \leq 0,3$ mm/m	Complies
<b>Width, w</b>	ISO 24337	$\Delta w_{avg} \leq 0,10$ mm, relative to nominal value / $w_{max} - w_{min} \leq 0,20$ mm	Complies
<b>Squareness, q</b>	ISO 24337	$max \leq 0,20$ mm	Complies
<b>Straightness, s</b>	ISO 24337	$max \leq 0,30$ mm/m	Complies
<b>Openings, o</b>	ISO 24337	$max \leq 0,20$ mm	Complies
<b>Height difference, h</b>	ISO 24337	$h_{max} \leq 0,15$ mm	Complies
<b>Flatness of the panel (Length - concave / convex)</b>	ISO 24337	concave $\leq 0,50$ % , / convex $\leq 1,0$ %	Complies
<b>Flatness of the panel (Width - concave / convex)</b>	ISO 24337	concave $\leq 0,15$ % , / convex $\leq 0,20$ %	Complies
<b>CLASSIFICATION PROPERTIES - EN 16511</b>			
<b>Wear resistance IP</b>	EN 15468, procedure B	$\geq 5.000$ cycles	Complies
<b>Impact resistance [mm] (big ball)</b>	EN 13329:2006+A1:2008, Annex F	$\geq 1.600$ mm	Complies
<b>Castor chair resistance</b>	EN 425	25.000 cycles	Complies
<b>Resistance to staining</b>	EN 438-2	Groups 1 and 2: grade 5 / Group 3: grade 4	Complies
<b>Residual indentation</b>	EN ISO 24343-1	$\leq 0,2$ mm	Complies
<b>Dimensional stability due to variation of temperature</b>	EN ISO 23999	$\leq 0,25$ %	Complies
<b>Effect of furniture leg</b>	EN 424	-	No Visible Damage
<b>SAFETY PROPERTIES - EN 14041</b>			
<b>Fire resistance</b>	EN ISO 11925-2 + EN ISO 9239-1 : Class EN 13501-1	Class	Cfl-S1 (cork & stone) Dfl-S1 (wood)
<b>Slip Classification</b>	EN 13893	Class	DS
<b>Formaldehyde emission</b>	EN 717-1	Class	E1
<b>Content pentachlorophenol (PCP)</b>	CEN/TR 14823:2004	mg/kg	Undetectable
<b>ADDITIONAL PROPERTIES</b>			
<b>Swelling</b>	ISO 24336	%	<2% (cork & stone) <1% (wood)
<b>Impact sound reduction</b>	EN ISO 10140	dB ( $\Delta L_w$ )	18
<b>Walking noise</b>	IHD-W431	dB %	Reduction improvement 18,5 dB Difference of loudness 65%
<b>Thermal conductivity</b>	EN 12667	(m <sup>2</sup> K)/W	0,111

**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



**cortex**  
Excellence in Cork



**plusnatura**

The sustainable floor



Excellence in Quiet



Excellence in Warmth



Excellence in Shock resistance



**plusnatura**  
The sustainable floor



Excellence in Walking & standing comfort

**Excellence in Cork**

**Cortex** floors are characterized by a unique multi-layer structure with a special cork core: corktech

The corktech technology emphasizes the original properties of the raw material cork: warm, springy and sound-absorbing.

The flexible, insulating cork layer boosts comfort when walking or standing and ensures superb sound reduction and thermal insulation.

The integrated cork insulating underlay further reinforces the thermal and acoustic properties.

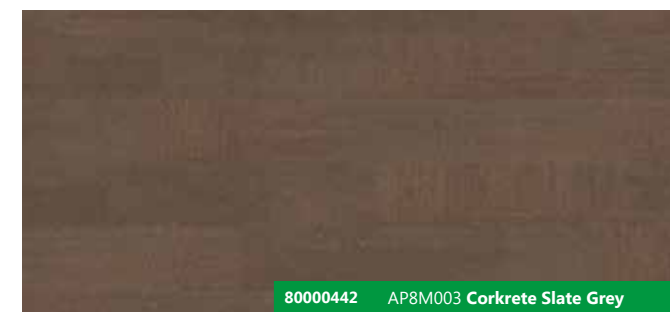
Thus, **Cortex** floor coverings are the perfect symbiosis of beauty, comfort, durability and technical know-how.



**FLOATING INSTALLATION OR ALL-OVER ADHESION**  
cork



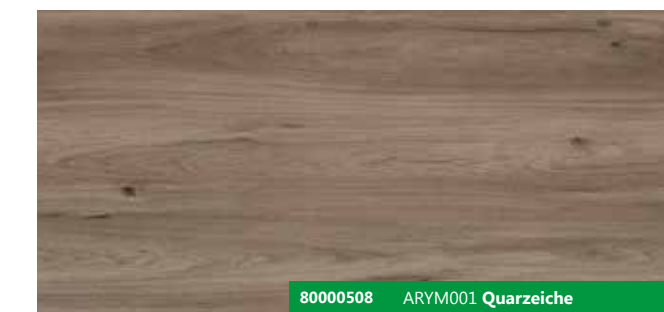
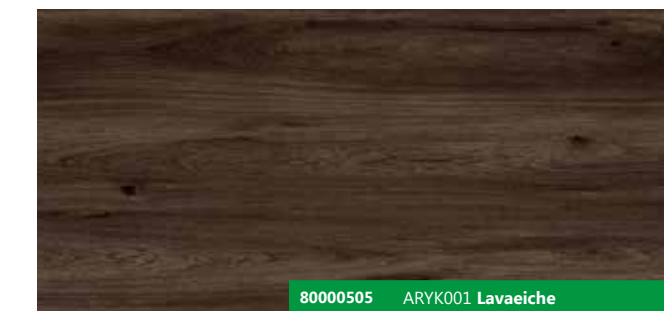
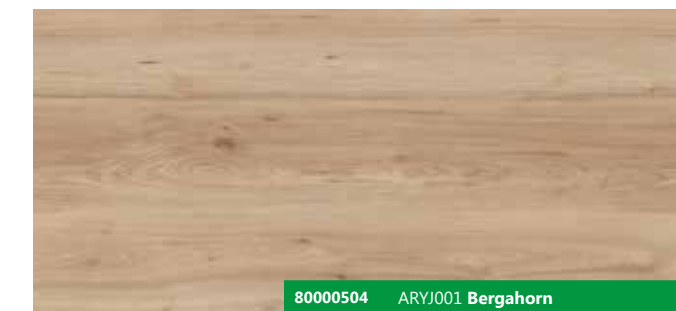
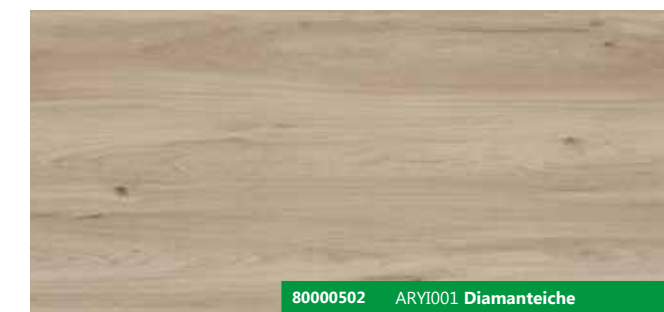
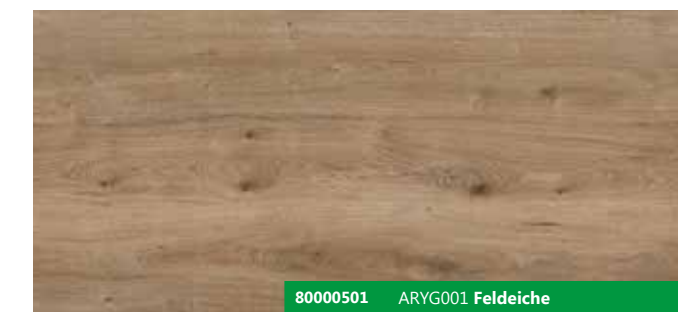
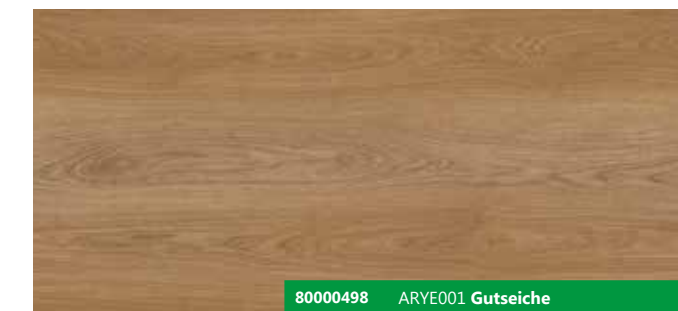
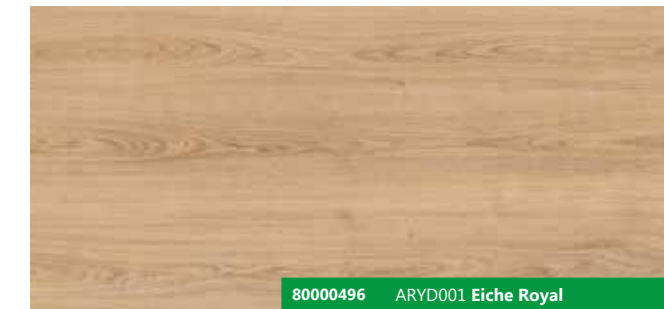
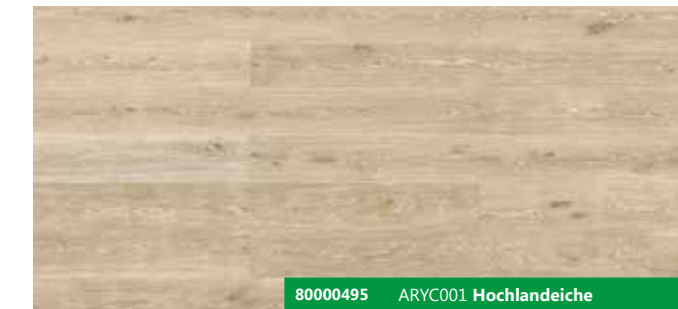
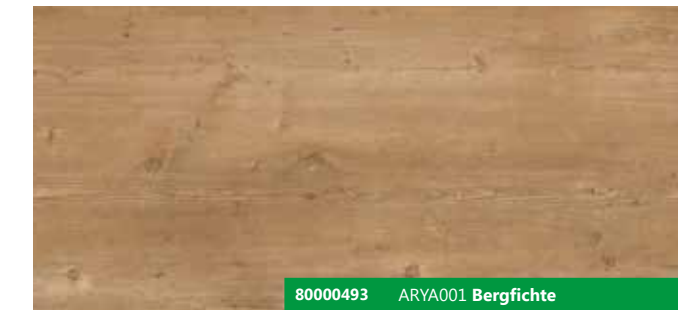
- 1 Surface sealing**  
For heavily used living areas and for moderate commercial use
- 2 Natural cork veneer**
- 3 Cork inlay**  
supports walking and standing comfort as well as room noise and heat insulation
- 4 PVC-free cork rigid core**
- 5 Integrated cork underlay**



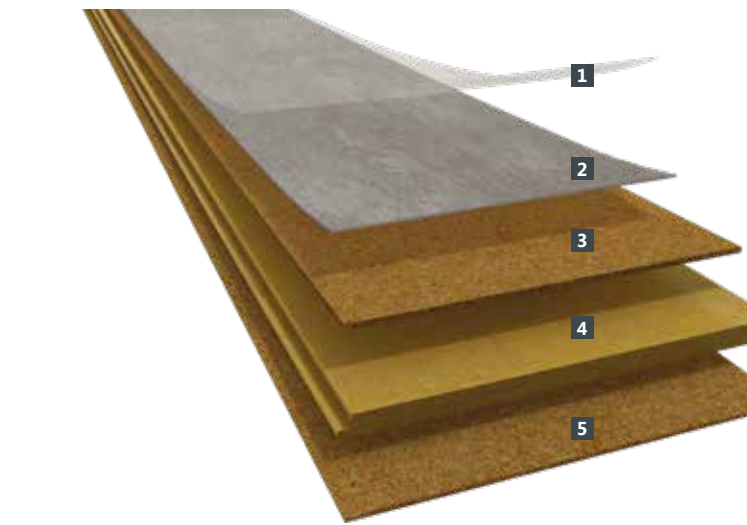
**FLOATING INSTALLATION OR ALL-OVER ADHESION**  
wood



- 1 Surface sealing**  
For heavily used living areas and for moderate commercial use
- 2 PVC-free decorative film in a wood design**  
authentic, natural-looking reproductions of wood looks
- 3 Cork inlay**  
supports walking and standing comfort as well as room noise and heat insulation
- 4 PVC-free cork rigid core**
- 5 Integrated cork underlay**



**FLOATING INSTALLATION OR ALL-OVER ADHESION**  
stone



- 1 Surface sealing**  
For heavily used living areas and for moderate commercial use
- 2 Stone high resolution image**  
authentic, natural-looking reproductions of stone looks
- 3 Cork inlay**  
supports walking and standing comfort as well as room noise and heat insulation
- 4 PVC-free cork rigid core**
- 5 Integrated cork underlay**

