

# AMORIM WISE

Smart choice.  
Amazing sensations.

AMORIM CORK FLOORING

# AMORIM WISE

## WISDOM

Amorim WISE people apply experience, knowledge and ethics to make choices. They know that a clean environment is vital and that cork is the perfect solution for their homes. This is wisdom. This is being Amorim WISE.

## IMAGINATION

Can we imagine the future? Yes. Taking the facts into our own hands allows us to build the future as planned. Amorim WISE people are creative and expect more from brands. They want innovation, creativity and insightful products. Amorim WISE answers to these demands by providing cutting-edge solutions.

## SUSTAINABLE

Adopting a sustainable lifestyle is, more and more, a commitment made by people. Then it's natural to experiment and adopt sustainable practices. Amorim WISE is the brand that addresses this increasingly demanding public.

## ENTHUSIASM

Despite everyday concerns, enthusiasm is one of the characteristics of Amorim WISE people. This attribute inspires contemporary generations to believe in a better future and to act for change. Because of technology, sustainability or new lifestyles. Why Amorim WISE? Because when these people find a brand capable of expressing that idea, the path to partnership is open.

# When negative is extremely positive...



## **DO YOU KNOW WHAT “NEGATIVE CARBON BALANCE” MEANS?**

It is an extremely positive thing for the environment.

It's a breakthrough:

It means that more carbon is removed from the atmosphere than emitted during the production of some Amorim WISE products. For this reason, these products are CLIMATE POSITIVE.

## **IT RETAINS CO<sub>2</sub> FROM THE ATMOSPHERE**

For each ton of cork produced, the cork oak forest retains up to 73 tons of CO<sub>2</sub> from the atmosphere.

Cork also continues to retain CO<sub>2</sub> even after it has been transformed, maintaining its exceptional properties.

## **IT HELPS TO REDUCE GLOBAL WARMING**

# AMORIM WISE

## is Sustainable

With respect for nature and wellbeing as its core values, Amorim WISE has reached a remarkable negative carbon balance in most of its products, helping to reduce the global warming potential.



Amorim WISE floors are the purest outcome of a Circular Economy model that aims to turn waste and used cork stoppers into a valuable and sustainable product.

**9 YEARS**

The period of time between each cork oak harvesting.

**100.000**

Direct and indirect jobs are created by the cork industry.

**NO TREES ARE DAMAGED**

Or cut down during harvesting.

**CO<sub>2</sub> RETENTION**

For each ton of cork produced, 73 tons of CO<sub>2</sub> are retained from the atmosphere.

**CORK HARVESTING**

Is one of the highest paid agricultural jobs in the world.

**200 YEARS**

The average lifespan of a cork oak tree.

# Sustainable by heart



## Environment

Cork harvesting does not affect the retention capacity of the cork oak forest.



## Close distances

Factories are located within few kms from the forests.



## Economy

The cork oak forest creates jobs in the cork industry and in other related industries.



## Reincorporation of waste

Any cork waste and surplus is collected, granulated and reincorporated in the production process, originating a lower carbon footprint.



## Social Impact

The cork industry promotes settlement in areas at risk of desertification. Cork harvesting is an activity that crosses generations.



## Biomass

The dust from the production lines is vacuumed and conducted to silos, where it is burned to generate energy through biomass. More than 60% of our energy comes from cork dust.



# To preserve nature is to value life.

**Sustainability** is much more than protecting and preserving nature. It is, first and foremost, the concept of finding balance between us as human beings and our natural environment.

One of the core values of Amorim WISE is the **Respect for Nature**. With a green production process and use of natural, sustainable and recyclable raw materials, Amorim WISE promotes people's well-being.

Beyond its remarkable sustainability credentials, Amorim WISE is also a **high end product** that combines high quality with avant-garde and unique design. Inventiveness, inspiration, expertise and innovation are some of the words that describe Amorim WISE products.

Available in 3 different visuals such as cork, wood and stone, Amorim WISE is available in 3 technical solutions, Inspire 700, Pure and Pro, and one range of wall coverings, Dekwall.

Amorim WISE portfolio combines unique properties and the sustainability of cork, with innovative design and state of the art technology.

Smart choice, amazing sensations.

**cork** inspire 700 HRT 10

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concept 18

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**stone** inspire 700 HRT 51

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**stone** pure HRT 52

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Your feet will love this soft walk.

Amorim WISE has a modern design with the trendiest colours available in Cork, Wood and Stone looks. This means you can have unique and distinctive spaces: *beautiful to see, comfortable to walk on.*

# The comfort of **AMORIM WISE**



## **INDOOR AIR QUALITY**

Compliance with the strictest indoor air quality standards after being tested on over 2000 potential chemicals.



## **WALKING COMFORT**

Superior sense of comfort, even when walking barefoot.



## **NATURAL THERMAL INSULATION**

Optimal floor temperature all year round.



## **IMPACT RESISTANCE**

Highest shock absorbing performance.



## **SILENCE**

Walking sound reduction up to 53%.

**cork**



Being inspired by Nature  
is the beginning.

# cork inspire 700 HRT

A sustainable flooring solution, with a remarkable negative carbon balance and a waterproof multilayered cork structure. The cork designs give the floor a distinctive look and personality, where each plank is unique by Nature. The natural touch and feel, combined with the highly resistant HRT finish, is the best solution for those who prefer a flooring with superior comfort and excellent thermal and acoustical performance.



## Formats

1225 x 190 x 7 mm  
48 15/64 x 7 31/64 x 9/32"



Floating



4 side micro bevel



## Finishing & Warranty



### HRT – HIGH RESISTANCE TECHNOLOGY

Highly elastic resin, resulting on a natural and flexible surface with a superior wear resistance. HRT is micro scratch resistant, prevents color shading and provides a warm and pleasant feeling on touch. HRT is produced with environmentally sustainable materials.



The product samples images in this collection were cut from a larger piece. Decor and shade may vary slightly.



AA8K001 Fashionable Antique White  
80000095



AA8L001 Fashionable Cement  
80000096



AA8M001 Fashionable Grafite  
80000097



Fashionable Antique White



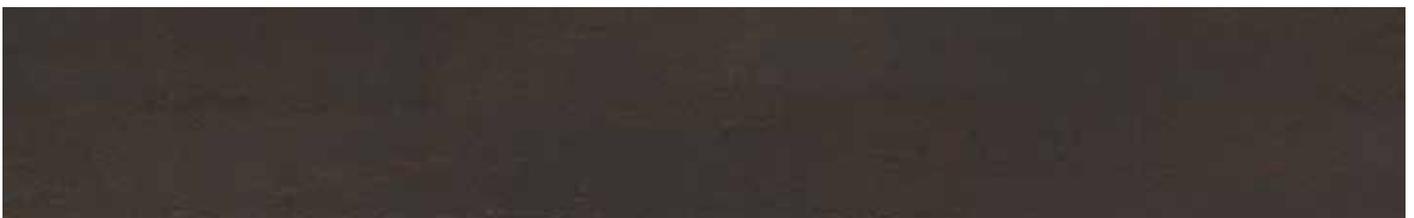
Identity Moonlight



AA2N001 Identity Moonlight  
80000079



AA3G001 Identity Chestnut  
80000080



AA2L001 Identity Nightshade  
80000078



AA8J001 Lane Antique White  
80000094



AA8I001 Lane Camel  
80000093



AA8H001 Lane Antracite  
80000092



Lane Camel



Originals Rhapsody



AA8E001 Originals Shell  
80000089



AA8F001 Originals Harmony  
80000090



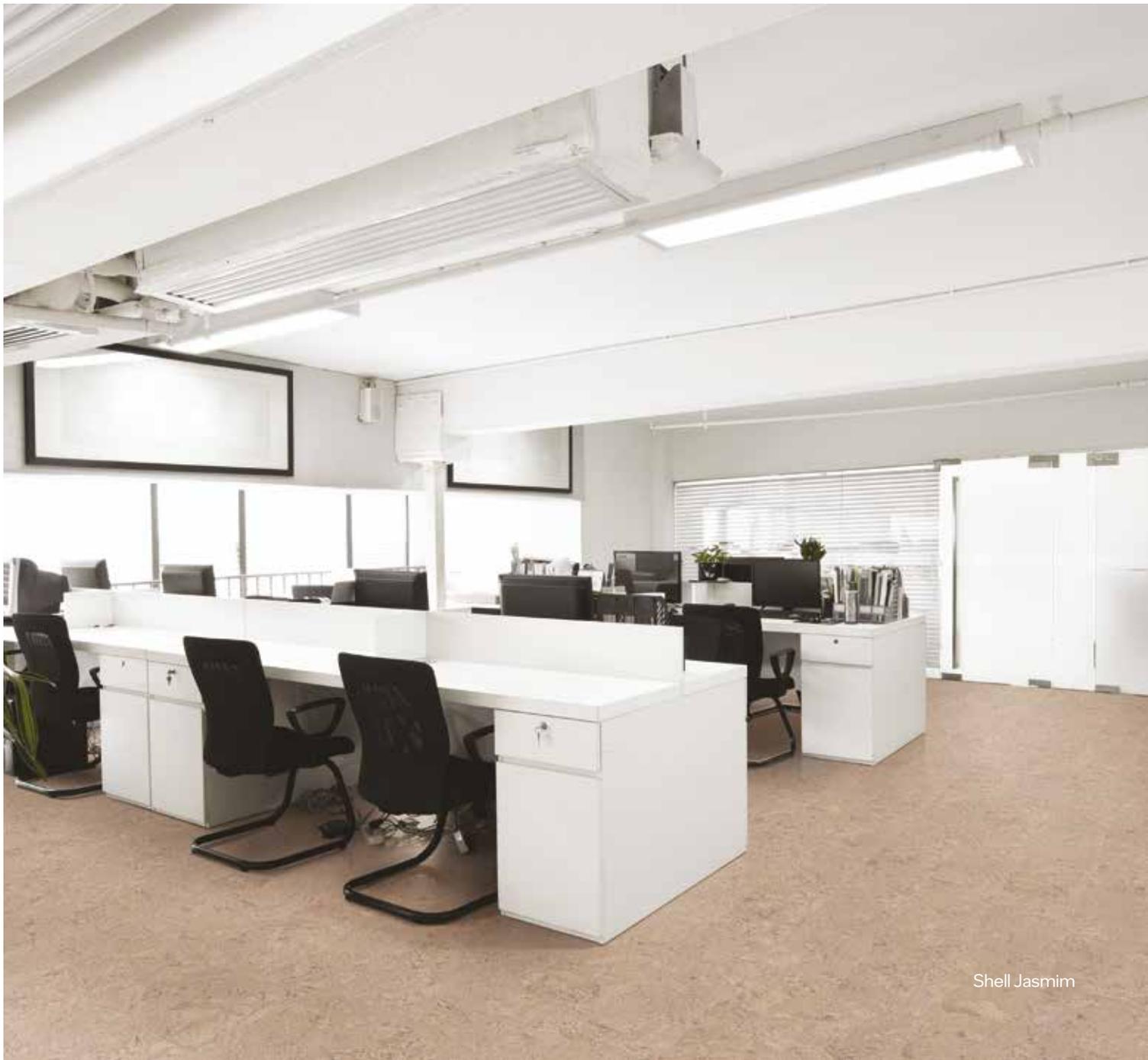
AA8G001 Originals Rhapsody  
80000091



AA8D001 Shell Marfim  
80000088



AA8C001 Shell Jasmim  
80000087





AA8A001 Traces Marfim  
80000085



AA7Z001 Traces Jasmim  
80000084



AA8B001 Traces Natural  
80000086



AA4N001 Traces Spice  
80000082



AA4M001 Traces Tea  
80000081



AA5R001 Traces Chestnut  
80000083



# cork<sub>pure</sub>

The handmade cork veneers are unique, assuring no repetitions and that each plank has a distinctive character. The glue down installation system allows additional creativity on the design patterns for floor&wall, enabling the creation of special spaces. The natural cork structure provides superior comfort and environmental performance for residential and commercial areas. The Glue down installation system allows for both Floor&Wall application, enabling the conception of special spaces with increased creativity on the design patterns.

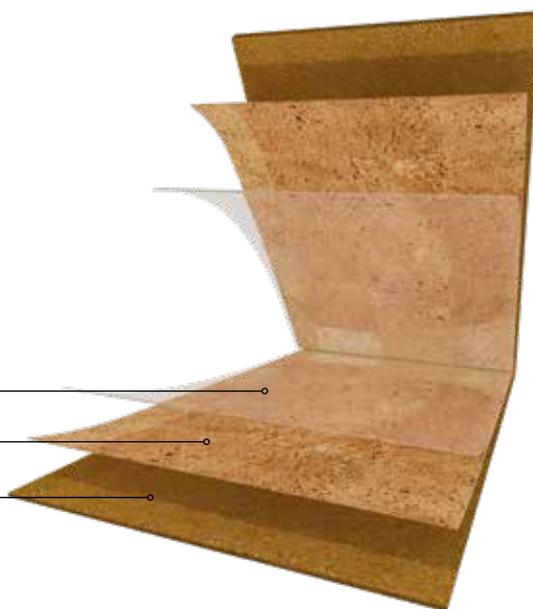
## floor & wall concept

AMORIM WISE Floor & Wall introduces a revolutionary concept that allows you to unleash your creativity and create your own personalized floor and wall.

PROTECTIVE SURFACE

GENUINE CORK VENEER

AGGLOMERATED CORK



## Formats

600 x 300 x 4 mm  
23 1/3 x 11 2/3 x 5/32"



## Finishing & Warranty (floor only)



PU Prefinished



\* Must be varnished on-site with minimum one coat of W-2000 or another recommended varnish.

The product samples images in this collection were cut from a larger piece. Decor and shade may vary slightly.



# Available in 10 colours & 10 cork patterns



Moonlight



Antique White



Champagne



Camel



Natural



Tea



Antracite



Cement



Grafite



Chestnut



Shell



Accent



Identity



Originals



Personality



Symphony



Fashionable



Linn



Reed



Traces

# + 8 new visuals



C902004 Originals Traditional  
80001301



C906002 Originals Medium Light  
80001304



C95H001 Charm  
80001369



C95I001 Allure  
80001370



C97W001 Addict  
80001390



C97Y001 Serenity  
80001391



C9D2001 Blase  
80001402

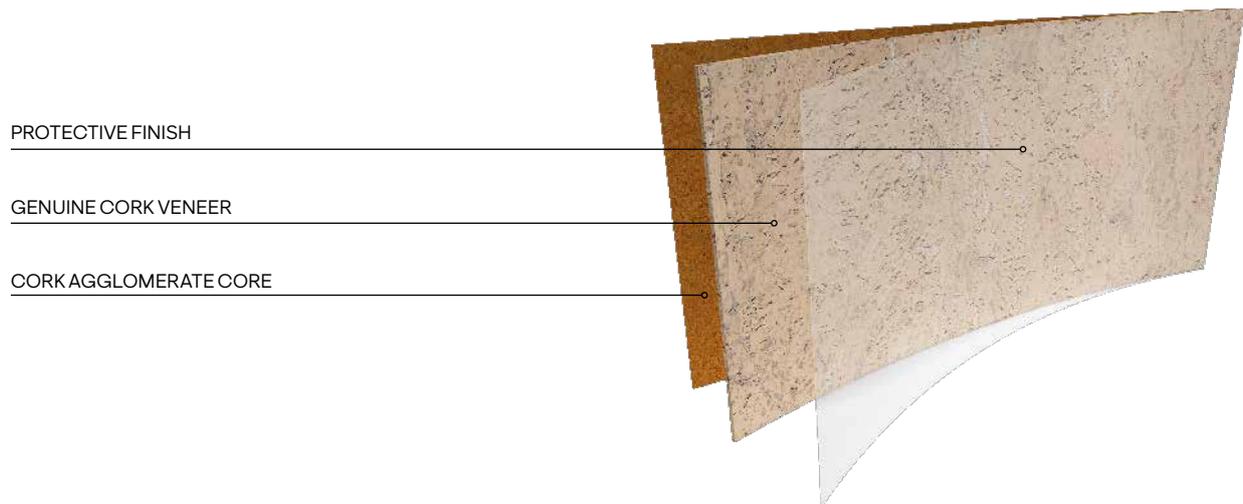


C921001 Originals Harmony  
80001313



# dekwall

A collection of wall coverings with cork visuals that will create the perfect atmosphere. Available in several colors and designs, dekwall will provide a sense of silence and thermal insulation due to the unique properties of cork. AMORIM WISE wall coverings are available with cork looks – natural or painted, and are protected with wax or varnish finishings.



## Formats

600 x 300 x 3 mm  
23 1/3 x 11 2/3 x 1/8"



## Finishing



WAX

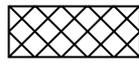


PU Prefinished

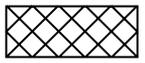
The product samples images in this collection were cut from a larger piece. Decor and shade may vary slightly.



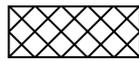
RY77001 Hawai Exclusive  
81000087



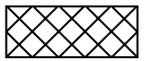
RY1F001 Hawai Black Pearl  
81000062



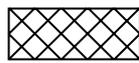
RY1G001 Hawai Black Oyster  
81000063



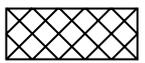
RY11001 Hawai Natural  
81000057



RY77002 Hawai White  
81000088



RY75001 Haway Brown  
81000085



RY67001 Hawai Red  
81000083



RY76001 Hawai Green  
81000086





RY1N001 Malta Moonlight  
81000001



RY1K001 Malta Platinum  
81000065



RY1M001 Malta Champagne  
81000067



RY1L001 Malta Chestnut  
81000066



Malta Moonlight

\*minimum quantity: 250 m



Fiord Natural



RY19002 Fiord Exclusive  
81000061



RY19001 Fiord White  
81000000



RY15001 Fiord Natural  
81000058



RY43001 Tenerife Natural  
81000073



RY39002 Tenerife Red  
81000070



RY41001 Tenerife Black  
81000072



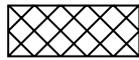
\*minimum quantity: 250 m



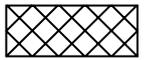
Bali



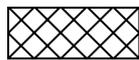
RY07001 Flores White  
81000056



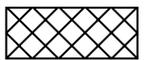
RY48001 Bali  
81000074



RY40001 Melville  
81000071



RY56001 Cayman  
81000080



\*minimum quantity: 250 m



TA01001 Bamboo Artica  
81000004



TA05001 Bamboo Toscana  
81000095



TA04001 Bamboo Terra  
81000094



TA23001 Stone Art Pearl  
81000104



TA22001 Stone Art Oyster  
81000102



TA24001 Stone Art Platinum  
81000106



\*minimum quantity: 250 m



Hawai Natural



Bamboo Artica

**wood**



# wood inspire 700 HRT

Trendy wood visuals designed for a more contemporary look combined with superior comfort and excellent thermal and acoustical performance. These features are provided by the waterproof multilayer cork structure. Unlike hardwood floors, no trees are cut down to produce our products, transforming them in an extremely sustainable solution that contributes to the reduction of global warming potential.

HRT NON PVC PROTECTIVE SURFACES

Class of use 33

WOOD HIGH RESOLUTION IMAGE

PVC Free

COMFORT +

Cork inlay

PVC FREE CORK RIGID CORE

ANGLE/ANGLE INSTALLATION SYSTEM

COMFORT +

Integrated cork underlay



## Formats

1225 x 190 x 7 mm  
48 15/64 x 7 31/64 x 9/32"



Floating



4 side micro bevel



## Finishing & Warranty



### HRT – HIGH RESISTANCE TECHNOLOGY

Highly elastic resin, resulting on a natural and flexible surface with a superior wear resistance. HRT is micro scratch resistant, prevents color shading and provides a warm and pleasant feeling on touch. HRT is produced with environmentally sustainable materials.



The product samples images in this collection were cut from a larger piece. Decor and shade may vary slightly.



ADG2001 Washed Haze Oak  
80000123



ADF5001 Prime Desert Oak  
80000116



ADF6001 Prime Artic Oak  
80000117



ADG1001 Washed Arcaine Oak  
80000122



Washed Arcaine Oak



Washed Highland Oak



ADK2001 Taupe Washed Oak  
80000138



ADG3001 Washed Highland Oak  
80000124



ADG4001 Washed Castle Oak  
80000125



ADF1001 Dapple Oak  
80000112



ADF4001 Classic Prime Oak  
80000115



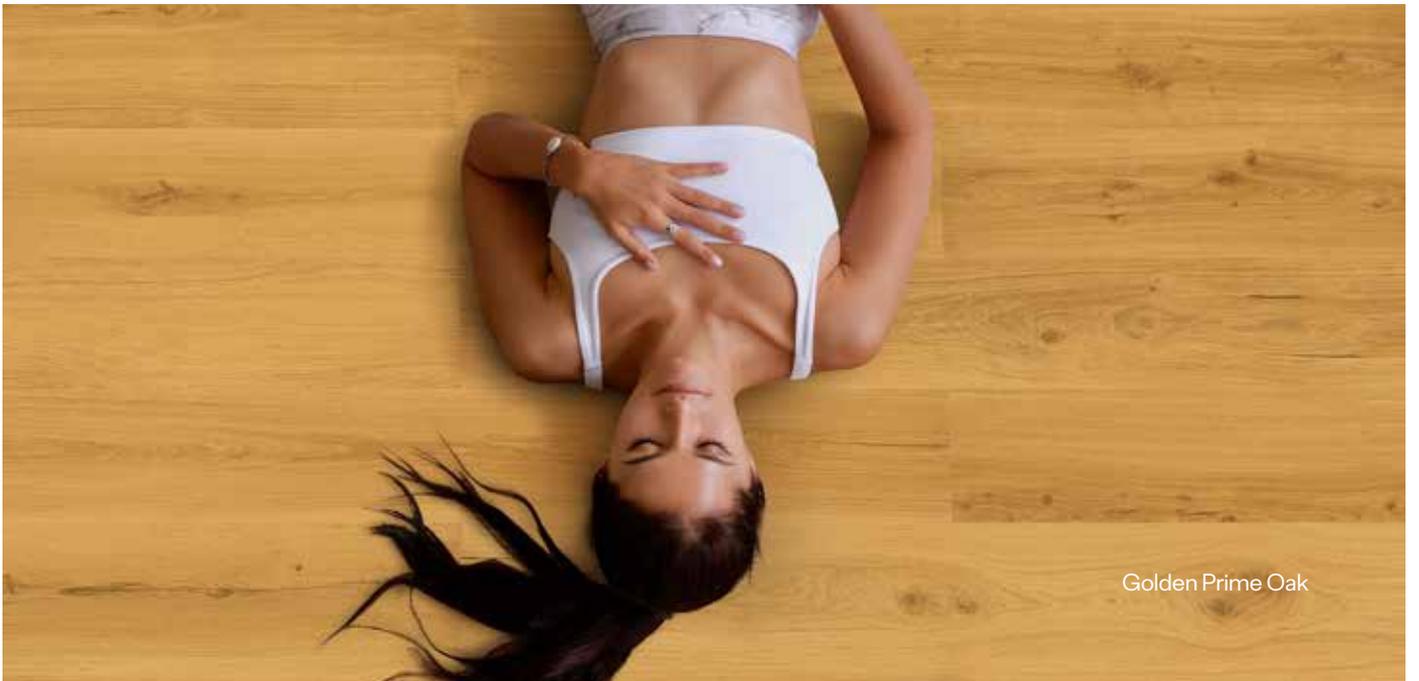
ADF7001 Golden Prime Oak  
80000118



ADF8001 Country Prime Oak  
80000119



ADG0001 Rustic Forest Oak  
80000121



Golden Prime Oak



ADF9001 Rustic Eloquent Oak  
80000120



ADF3001 Nebula Oak  
80000114



ADF2001 Coal Oak  
80000113





Prime Artic Oak

# wood inspire 700 SRT

The timeless beauty of wood enhanced by cork's unique sustainability and comfort. The PVC free SRT technology is perfect for intensive use in residential and commercial areas due to its superior wear and mechanical resistance. The high end designs are achieved without cutting down trees, while the waterproof multilayered cork structure contributes to the reduction of global warming due to its negative carbon balance.

SRT PVC FREE PROTECTIVE SURFACE

Class of use 33

WOOD PRINTED FILM

PVC Free

COMFORT +

Cork inlay

PVC FREE CORK RIGID CORE

2G LOCKING SYSTEM

COMFORT +

Integrated cork underlay



## Formats

1225 x 190 x 7,3 mm  
48 15/64 x 7 31/64 x 9/32"



Floating



4 side micro bevel



## Finishing & Warranty



### SRT – SUPERIOR RESISTANCE TECHNOLOGY

PVC FREE Superior resistance technology wear layer developed to adapt to the multilayered construction with excellent behavior for heavy commercial traffic. Provides a superior sense of comfort, high mechanical strength and stain resistance.



The product samples images in this collection were cut from a larger piece. Decor and shade may vary slightly.



AEUR001 Beach House  
80000160



AEUS001 White Forest Oak  
80000161



AEUD001 Contempo Ivory  
80000155





AEUA001 Contempo Loft  
80000152



AEYF001 Ocean Oak  
80000171



AEUM001 Natural Light Oak  
80000157



AEUK001 Natural Dark Oak  
80000156



Natural Light Oak



AEYC001 Highland Oak  
80000168



AEYI001 Diamond Oak  
80000173



AEUC001 Contempo Rust  
80000154



AEYJ001 Cyber Oak  
80000174



AEYD001 Royal Oak  
80000169



AEYA001 Mountain Oak  
80000166



Quartz Oak



AEUB001 Contempo Copper  
80000153



AEYG001 Field Oak  
80000172



AEYE001 Manor Oak  
80000170



AEYM001 Quartz Oak  
80000177



AEUV001 Mystic Grey Oak  
80000164



AEYL001 Mocca Oak  
80000176



AEYB001 Sprucewood  
80000167



AEUU001 Chocolate Brown Oak  
80000163



Chocolate Brown Oak



AEUP001 Treehouse  
80000158



AEUW001 Barnwood  
80000165



AEUQ001 Farmhouse  
80000159





Dark Forest Oak



AEUT001 Dark Forest Oak  
80000162



AEYK001 Dark Onyx Oak  
80000175

# wood pro

Amorim WISE Wood Pro is a low thickness high performance product, ideal for large installation areas. With a curated selection of wood visuals, this glue down sustainable solution is designed to meet the demands of any project, even in high traffic commercial areas.



## Formats

1230 x 200 x 4 mm  
48-27/64x7-7/8x5/32"



## Finishing & Warranty



### SRT – SUPERIOR RESISTANCE TECHNOLOGY

PVC FREE Superior resistance technology wear layer developed to adapt to the multilayered construction with excellent behavior for heavy commercial traffic. Provides a superior sense of comfort, high mechanical strength and stain resistance.



The product samples images in this collection were cut from a larger piece. Decor and shade may vary slightly.



AGYI001 Diamond Oak  
80000184



AGYF001 Ocean Oak  
80000182



AGYD001 Royal Oak  
80000180



AGYA001 Mountain Oak  
80000178



Ocean Oak



AGYE001 Manor Oak  
80000181



AGYG001 Field Oak  
80000183



AGYM001 Quartz Oak  
80000187



Field Oak



AGYL001 Mokka Oak  
80000186



AGYB001 Sprucewood  
80000179



AGYK001 Dark Onyx Oak  
80000185

stone



# stone inspire 700 HRT

The beauty of selected stone visuals combined with the unmatched properties of cork. When it comes to superior walking comfort, assuring a perfect temperature year round and a silent environment, this product performs. The HRT surface together with a waterproof cork structure will provide durability and ease of maintenance, while the floating system assures a quick and hassle free installation. The stone designs are achieved without harming Nature and also retains CO<sub>2</sub> from the atmosphere.

HRT PVC FREE PROTECTIVE SURFACE

Class of use 33

STONE HIGH RESOLUTION IMAGE

PVC Free

COMFORT +

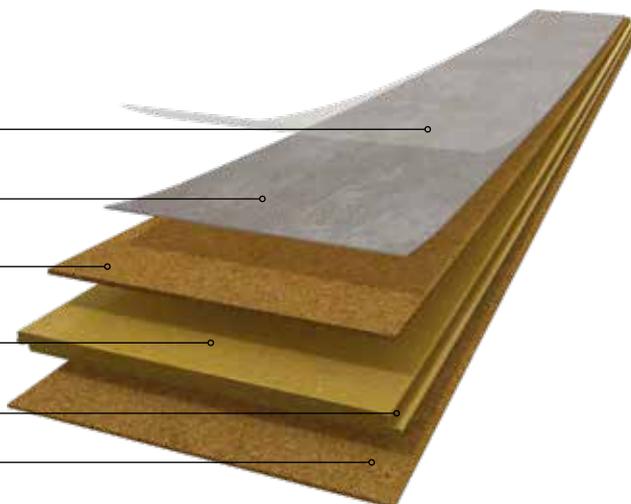
Cork inlay

PVC FREE CORK RIGID CORE

2G LOCKING SYSTEM

COMFORT +

Integrated cork underlay



## Formats

910 x 300 x 7 mm  
35 13/16 x 11 13/16 x 9/32"



## Finishing & Warranty



### HRT – HIGH RESISTANCE TECHNOLOGY

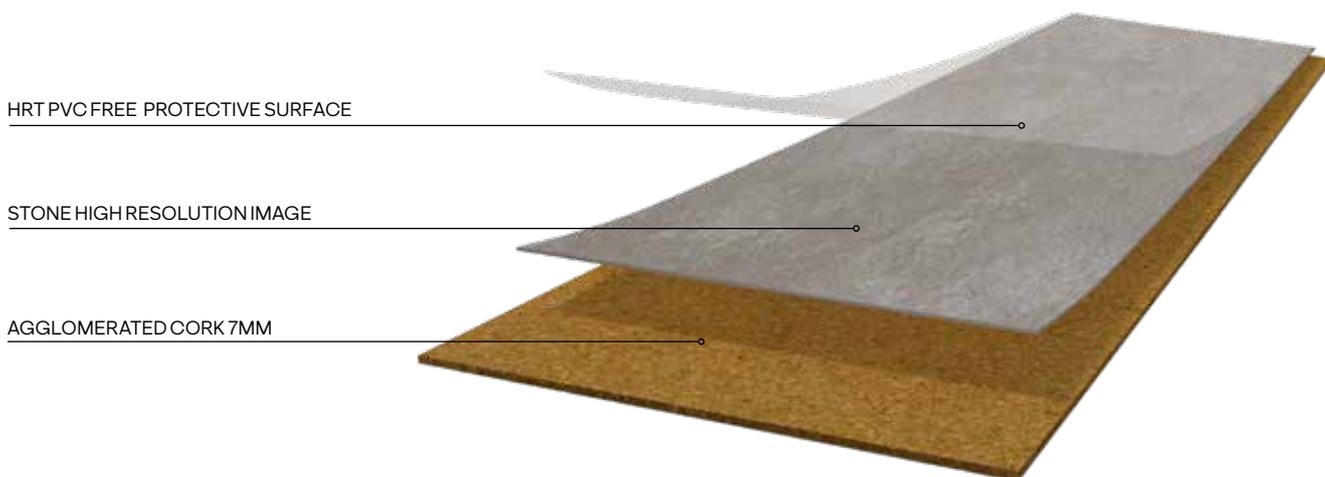
High elastic resin, resulting on a natural and flexible surface with a superior wear resistance. HRT is micro scratch resistant, prevents color shading and provides a warm and pleasant feeling on touch.



The product samples images in this collection were cut from a larger piece. Decor and shade may vary slightly.

# stone pure HRT

High end stone designs, with a distinctive look given by the large tile format. Entirely made out of cork, its superior comfort comes from Nature, providing a warm atmosphere, reducing energy costs and creating silent spaces. This flooring solution also contributes for a better future, since it helps the reduction of global warming.



## Formats

900 x 600 x 8 mm  
35 7/16 x 23 5/8 x 5/16"



## Finishing & Warranty



### HRT – HIGH RESISTANCE TECHNOLOGY

High elastic resin, resulting on a natural and flexible surface with a superior wear resistance. HRT is micro scratch resistant, prevents color shading and provides a warm and pleasant feeling on touch.



The product samples images in this collection were cut from a larger piece. Decor and shade may vary slightly.



stone  
inspire 700

AD9D001 Concrete Nordic  
80000104

stone  
pure

AH9D001 Concrete Nordic  
80000192



stone  
inspire 700

AD8Z001 Beton Nordic  
80000100

stone  
pure

AH8Z001 Beton Nordic  
80000188



stone  
inspire 700

AD9H001 Azulejo Sand  
80000108

stone  
pure

AH9H001 Azulejo Sand  
80000196





Dark Forest Oak



stone inspire 700 AD9E001 Concrete Urban  
80000105

stone pure AH9E001 Concrete Urban  
80000193



stone inspire 700 AD9A001 Beton Urban  
80000101

stone pure AH9A001 Beton Urban  
80000189



stone inspire 700 AD9I001 Azulejo Cityzen  
80000109

stone pure AH9I001 Azulejo Cityzen  
80000197



stone  
inspire 700

AD9F001 Concrete Corten  
80000106

stone  
pure

AH9F001 Concrete Corten  
80000194



stone  
inspire 700

AD9B001 Beton Corten  
80000102

stone  
pure

AH9B001 Beton Corten  
80000189



stone  
inspire 700

AD9J001 Azulejo Forest  
80000110

stone  
pure

AH9J001 Azulejo Forest  
80000198



Beton Corten



stone  
inspire 700

AD9G001 Concrete Midnight  
80000107

stone  
pure

AH9G001 Concrete Midnight  
80000195



stone  
inspire 700

AD9C001 Beton Midnight  
80000103

stone  
pure

AH9C001 Beton Midnight  
80000191



stone  
inspire 700

AD9K001 Azulejo Cellar  
80000111

stone  
pure

AH9K001 Azulejo Cellar  
80000199



Concrete Midnight

## Maintenance

# Optimal care for an everlasting beauty

To keep your floor spotless, Amorim has a set of auxiliary products available. Each of these has a specific purpose and is designed to make the caring of your floor as easy as possible. To be aligned with Amorim's commitment to wellbeing, we recommend the use of auxiliary products (levelling compounds, primers, adhesives or varnishes) that have low-emissions to the environment.

### Regular Maintenance



#### Soft Cleaner

This mild detergent is appropriate for weekly or even daily cleaning. It can be used to remove dirt, stopping it from infiltrating in the joints and in the regular embossing of the product.



#### Spray Cleaner

Designed for regular cleaning, this mild detergent has the advantage of being a spray, which makes it a quick and easy solution to apply directly on the floor. It is very effective in cleaning dirt or grease stains.

## Skirtings

In order to help create a more classy and harmonious interior, Amorim provides skirting profiles to complement your floor. Create your ideal transition between the walls and the floor, whether by an exact match or contrasting colours.

Contact your supplier for information on the available skirting references.



TÜV-PROFICERT is a transnational certificate for VOC-emissions and air quality, certifying that a product complies with different national regulations, such as AgBB, Belgian VOC regulation, Finnish M1 classification, BREEAM Exemplary Level, LEED v4 (outside North America), RAL-UZ 120 and Austrian Eco Label (Guideline UZ 56).



As of January 2012, France has adopted regulations that limit total VOC emissions of building products. Manufacturers, selling their products in France must obtain a classification ranging from A+ (very low emissions) to C (high emissions). The declared goal is to improve indoor air quality in private/commercial buildings.



CE marking is a certification mark that indicates conformity with health, safety and environmental protection standards for products sold within the European Economic Area (EEA).



Greenguard certification identifies products that have low chemical emissions, improving the indoor air quality. The GOLD certification ensures that a product is acceptable for use in environments such as schools and healthcare facilities.



Blue Angel is a voluntary certification that follows rigorous environmental standards and is renowned as a reference guide for a more sustainable way of living. Blue Angel is synonym of a product (or service) that meets rigorous criteria of environmental performance such as being PVC free.



EPD Environmental Product Declaration is a third-party independent evaluation that reports environmental data of products based on their life cycle assessment. A product with an EPD guarantees to the consumers that it respects environmental standards.

# Technical data sheet

STANDARD - TEST METHOD		UNIT	cork pure	stone pure
Dimension (LxWxT)	-	mm	600 x 300 x 4	900 x 600 x 8
Mass per unit	-	Kgs / sqm	2,166	4,48
Packaging (box / pallet)	-	sqm	7,92 / 237,6	3,78 / 136,08
Level of use Domestic	ISO 10874	Class	23	23
Level of use Commercial	ISO 10874	Class	-	33
<b>GENERAL PROPERTIES</b>			<b>EN 12104</b>	
Side length Squareness and Straightness of edges for side length ≤ 400 mm / > 400 mm	EN ISO 24342	deviation from nominal: ≤ 0,2% up to 1,0 mm maximum deviation allowed: ≤ 0,5 / ≤ 1,0	Complies	Complies
Overall thickness mm	EN ISO 24346	≥ 4,0	Complies	Complies
"Apparent density average - individual results "	EN ISO 23997	≥ 450 kg/m <sup>3</sup>	Complies	Complies
Dimensional stability %	EN ISO 23999	≤ 0,25	Complies	Complies
Curling mm	EN ISO 23999	≤ 2	Complies	Complies
Residual Indentation	EN ISO 24343-1	≤ 0,4	Complies	Complies
Simulated movement of a furniture leg	EN 424	No damage shall be visible after testing with type 2 foot	No visible damage	No visible damage
<b>SAFETY PROPERTIES</b>			<b>EN 12104</b>	
Fire resistance	EN ISO 11925-2 + EN ISO 9239-1: Class EN 13501-1	Class	Cfl-s1	Cfl-S1
Slip Classification	EN 13893	Class	DS	DS
Formaldehyde emission	EN 717-1	Class	E1	E1
Content pentachlorophenol (PCP)	EN 12673	% mg/kg	Undetectable	Undetectable
<b>ADDITIONAL PROPERTIES</b>				
Impact sound reduction	EN ISO 10140	dB (ΔL <sub>w</sub> )	13	10
Walking noise	IHD-W431	dB %	Reduction improvement 15,3 dB Difference of loudness 65%	-
Thermal resistance	EN 12667 / ISO 1957	(m <sup>2</sup> K)/W	0,15	-
Stains Resistance	ISO 26987(a)	Grade	Grade 0 - Unchanged	-

STANDARD - TEST METHOD		UNIT	dekwall
Dimension (LxWxT)	EN 427	mm	600 ± 0,5% 300 ± 0,5%
Mass per unit	-	Kg/sqm	0,95
Packaging (box / pallet)	-	sqm	5,94 / 213,84
Squareness	EN 427	mm	600: < 1,0mm 300: < 0,5mm
Thickness	ISO 7322	mm	3,0 ± 0,3%
Apparent density	EN 672	Kg/m <sup>3</sup>	≥ 200
Dimensional stability	EN 434	%	3,0 ± 0,3%
Curling	EN 434	MM	≤ 6
Moisture content	EN 12105	%	≤ 7
Formaldehyde	EN 12149, method C	mg/Kg	≤ 95
Vinyl chloride monomer (VCM)	EN 12149, TEST B	mg/Kg	≤ 0,2
Thermal resistance	EN 12667	m <sup>2</sup> K/w	0,0572 (Varnished) 0,0583 (Waxed)
Reaction to fire	EN 15102:2007	Class	E
Sound absorption	ISO 354	α <sub>w</sub>	0,1
Release of heavy metals and specific elements	EN 12149		fulfilled

STANDARD - TEST METHOD		UNIT	inspire 700 cork wood stone	wood pro
Dimension (LxWxT)	-	mm	<b>cork &amp; wood / stone</b> 1225 x 190 x 7 (7,3 wood SRT) / 910 x 300 x 7	1230x200x4
Mass per unit	-	Kgs / sqm	6,53 (cork) / 6,36 (wood) / 6,21 (stone)	4,19
Packaging (box / pallet)	-	sqm	1,862 / 81,928 (cork & wood) 2,184 / 78,624 (stone)	2,46 / 108,24
Level of use Domestic	-	Class	23 (ISO 10874)	23 (*)
Level of use Commercial	-	Class	33 (ISO 10874)	34 (*)
Level of use Light Industrial	-	Class	-	42 (*)
<b>GENERAL PROPERTIES</b>			<b>EN 16511</b>	<b>(**)</b>
Thickness, t -	ISO 24337	$\Delta t_{avg} \leq 0,50$ mm, relative to nominal value / $t_{max} - t_{min} \leq 0,50$ mm	Complies	-
	ISO 24346	nominal value + 0,13 / - 0,10	-	Complies
Length, l	ISO 24337	$\leq 1500$ mm: $\Delta l \leq 0,5$ mm / > 1500 mm: $\Delta l \leq 0,3$ mm/m	Complies	-
	ISO 24342	$\leq 0,15$ %	-	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	-
		$\leq 0,10$ %	-	Complies
Squareness, q	ISO 24337	$max \leq 0,20$ mm	Complies	-
		$\leq 0,25$ mm	-	Complies
Straightness, s	ISO 24337	$max \leq 0,30$ mm/m	Complies	-
		$\leq 0,25$ mm	-	Complies
Residual indentation	EN ISO 24343-1	$\leq 0,1$ mm	-	Complies
Castor chair resistance	EN 425	25 000 cycles	-	Complies
Dimensional stability due to variation of temperature	EN ISO 23999	$\leq 0,25$ %	-	Complies
Curling	EN ISO 23999:2018	$\leq 2$ mm	-	Complies
Light Fastness	ISO 105-B02:2014	Blue Scale > 6	-	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	-
<b>CLASSIFICATION PROPERTIES</b>			<b>EN 16511</b>	
Wear resistance IP	EN 15468, procedure B	$\geq 5 000$ cycles	Complies	-
Impact resistance [mm] (big ball)	EN 13329:2006+A1:2008, Annex F	$\geq 1600$ 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	-
Dimensional stability due to variation of temperature	EN ISO 23999	$\leq 0,25$ %	Complies	-
Effect of furniture leg	EN 424	-	No Visible Damage	-
<b>WEAR AND PERFORMANCE REQUIREMENTS</b>				
Abrasion resistance	EN 13329:2006+A1:2008 Annex E (Sandpaper-Method)	> 5000 cycles	-	Complies
Micro-scratch	EN 16094	$\leq$ MSR-A2	-	Complies
Furniture leg	EN 424	no visible change / damages	-	Complies
Resistance to staining	EN 438-2:2019	Group 1: Grad 5 / Group 2: Grad 5 / Group 3: Grad 4	-	Complies
<b>SAFETY PROPERTIES</b>			<b>EN 14041</b>	
Fire resistance	EN ISO 11925-2 + EN ISO 9239-1: Class EN 13501-1	Class	Cfl-S1 ( <b>cork, wood HRT &amp; stone</b> ) Dfl-S1 ( <b>wood SRT</b> )	Cfl-S1
Slip Classification	EN 13893	Class	DS	DS
Formaldehyde emission	EN 717-1	Class	E1	E1
Content pentachlorophenol (PCP)	CEN/TR 14823:2004	mg/kg	-	Complies
	EN 12673	% mg/kg	Undetectable	-
Electrostatic Behaviour	EN 1815:2016	kV	-	Not Antistatic
<b>ADDITIONAL PROPERTIES</b>				
Swelling	ISO 24336	$\leq 12$ %	-	Complies
		$\leq 18$ %	Complies	-
Impact sound reduction	EN ISO 10140	dB ( $\Delta L_w$ )	18	10
Walking noise	IHD-W431	dB %	Reduction improvement 18,5 dB Difference of loudness 65%	Reduction improvement 12,6 dB Difference of loudness 57%
Thermal conductivity	EN 12667	(m <sup>2</sup> K)/W	0,111	0,02

(a) Grade 5 - No change / Grade 4 - Slight change / Grade 3 - Moderate change / Grade 2 - Considerable change / Grade 1 - Strong change

(\*) Class of Use classification in accordance to ISO 10582

(\*\*) Based on requisites from ISO 14582 and EN14565

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