

PORCELONA
G R O U P

SPC
FLOORING

BORCELLA
SERIES

www.porcelona.com





EXTREMELY
AESTHETIC



SPC FLOORING

SPC, the sensational Stone Plastic Composite, is a true marvel in the world of flooring. Picture a magical fusion of natural stone powder and high-quality polymers, resulting in a material that's as sturdy as a castle wall and as captivating as a work of art. SPC effortlessly combines the elegance of stone with the durability of modern engineering, creating flooring that defies wear, conquers moisture, and reigns supreme in any space. It's like walking on a dream—a dream that's impervious to scratches, spills, and the whims of weather. So, step into a realm where innovation meets style, where SPC reigns as the crown jewel of flooring materials, inviting you to experience the enchantment with every step you take.

INTRODUCTION

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Porcelona is a distinguished Turkish enterprise that specializes in the manufacturing and promotion of exquisite porcelain stoneware tiles and sintered stone. Their exceptional products are meticulously crafted to exhibit superior quality, available in a diverse array of sizes, thicknesses, and surfaces, catering to a vast spectrum of applications.

Introducing our revolutionary SPC (Stone Plastic Composite) flooring—an architectural masterpiece that fuses technological prowess with timeless design. Crafted with a visionary blend of natural stone powder and high-quality polymers, our SPC flooring is the epitome of durability and style. Step into a world where innovation dances with elegance, as our meticulously engineered tiles transform any space into a realm of awe-inspiring beauty. With unrivalled resilience and waterproof properties, our SPC flooring transcends the ordinary, enabling you to walk upon a masterpiece that defies time itself.

NATURAL WOOD INSPIRATION

BRING THE BEAUTY
OF NATURE INDOORS
WITH WOOD-LIKE SURFACES.

Natural wood inspiration can bring warmth and texture to any space. Whether it's a rustic cabin or a modern home, incorporating natural wood elements can create a cozy and inviting atmosphere. The versatility of wood allows for endless design possibilities that can be tailored to any personal style.





VERSATILE AND DURABLE SURFACE SOLUTIONS.

surface solutions are designed to withstand fire and scratches while also being stain-resistant, easy to clean, and 100% waterproof. Additionally, they are environmentally friendly, as they can be recycled.



100%
Waterproof



Patented Interlock
System For
Easy Installation



Real
To Touch
Texture



No Termite
No Bugs



Excellent
Acoustic



High
Dimensional
Stability



Scratch
& Stain
Resistant



Fire
Retardant



Easy
To Clean



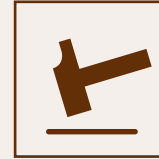
Recyclable

HIGHLIGHTED BENEFITS



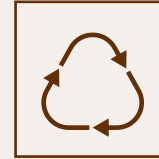
Ready for heavy use.

Material indicated to floors with a constant use (public and residential areas).



High impact resistance.

The SPC composition provide a significant rigidity and great resistance to impact and denting



Ecofriendly materials.

The different raw materials in its composition are free of formaldehyde.



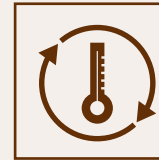
Comfort and sound insulation.

The vinyl wear layer provides cushion and absorbs the impact sound to make it a quite floor.



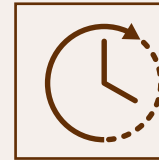
Walking comfort.

Pleasurable to walk on thanks to the IXPE/EVA backing avoiding squeaking and to level minor unevenness.



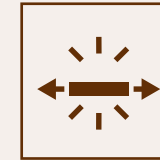
Temperature changes resistant.

Designed to support the extreme temperatures of each season.



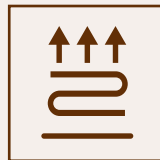
Faster installation.

Thanks to its behaviour in temperature changes, previous acclimation to installation is not necessary.



High Stability Core.

Its dense core avoids deformations in expansion phase (23 oC a 45oC) and shrinkage (23 oC a 5 oC).



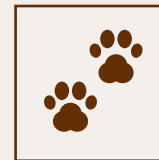
Suitable on heating systems.

It can be installed on water heating system (max. 32 oC).



Ideal for children.

The floor does not emit any kind of toxic substances.



Pet friendly.

The top wear layer protects the floor from pet damages as scratches or blows.



THERE ARE INFINITE SURFACES IN THE MULTIVERSE.

Rigid core flooring from Surfaces, blends the beauty of wood with the sturdiness of stone. We provide an array of SPC Flooring alternatives to make your space distinctive. Despite being adaptable and durable, our flooring follows a methodology that takes into account specific placement and space constraints. Inspired by the true nature of Earthy hues and textures, each of these is inventively manufactured and has a unique characteristic which makes it perfect for a variety of applications.



- 

Acacia Brown
- 

Boston natural
- 

Dark padauk
- 

Maple Beige
- 

Oak Elegant
- 

Sandy Oak
- 

Natural Oak
- 

Acacia Dark
- 

Charnwood Oak
- 

Fancy Oak
- 

Maple Brown
- 

Parkhurst Oak
- 

Vintage Oak
- 

Eucalyptus
- 

Ash Mix
- 

Classic Oak
- 

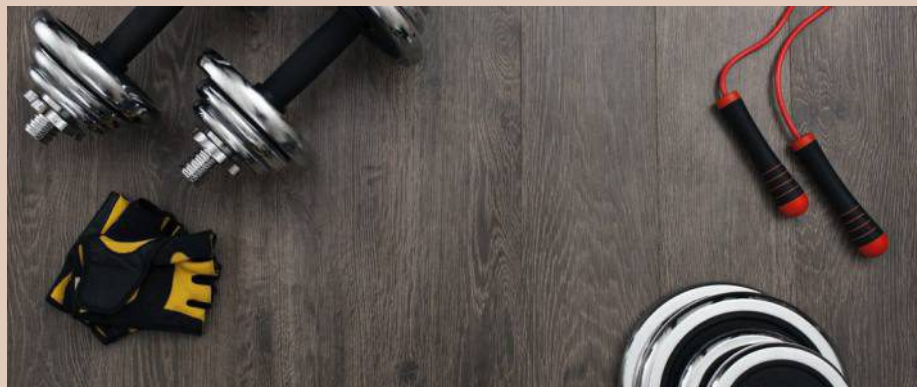
Grey Oak
- 

Natural Walnut
- 

Pine Charcoal
- 

Warm Oak
- 

Gold Oak



PRODUCT COMPOSITION

Stone Polymer composite (SPC) also known as rigid core flooring features a core that comprises mainly of limestone & PVC which results in its adaptability & strength.

UV COATING

Scratch resistant, UV Ray resistance to prevent color fading.

WEAR LAYER

Protects the surface from wear and tear, creates surface texture of wood or stone.

DECOR FILM LAYER

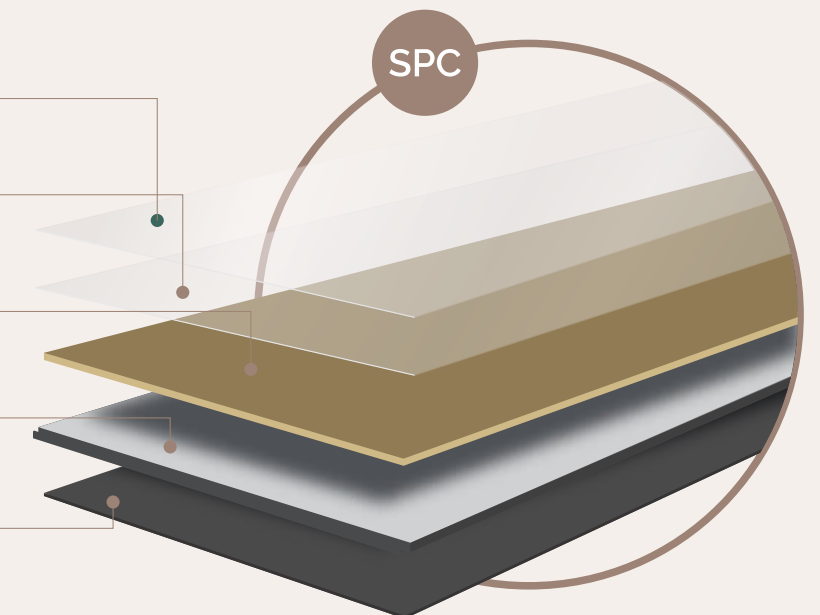
HD graphic printed on the film provides look and color of wood, stone, or carpet.

SPC CORE

Limestone powder and PVC composite. Durable, waterproof, and fire retardant.

BACK PADDING

EVA or IXPE padding cushions your feet and improves sound insulation.



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CANYON
181x1220mm



GRACE
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PARVULA
181x1220mm



GRACE
S E R I E S



PORCELONA
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GENIUNE OAK
181x1220mm



GRACE
S E R I E S



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QUERCUS SILKY
181x1220mm

SUPERIOR
S E R I E S

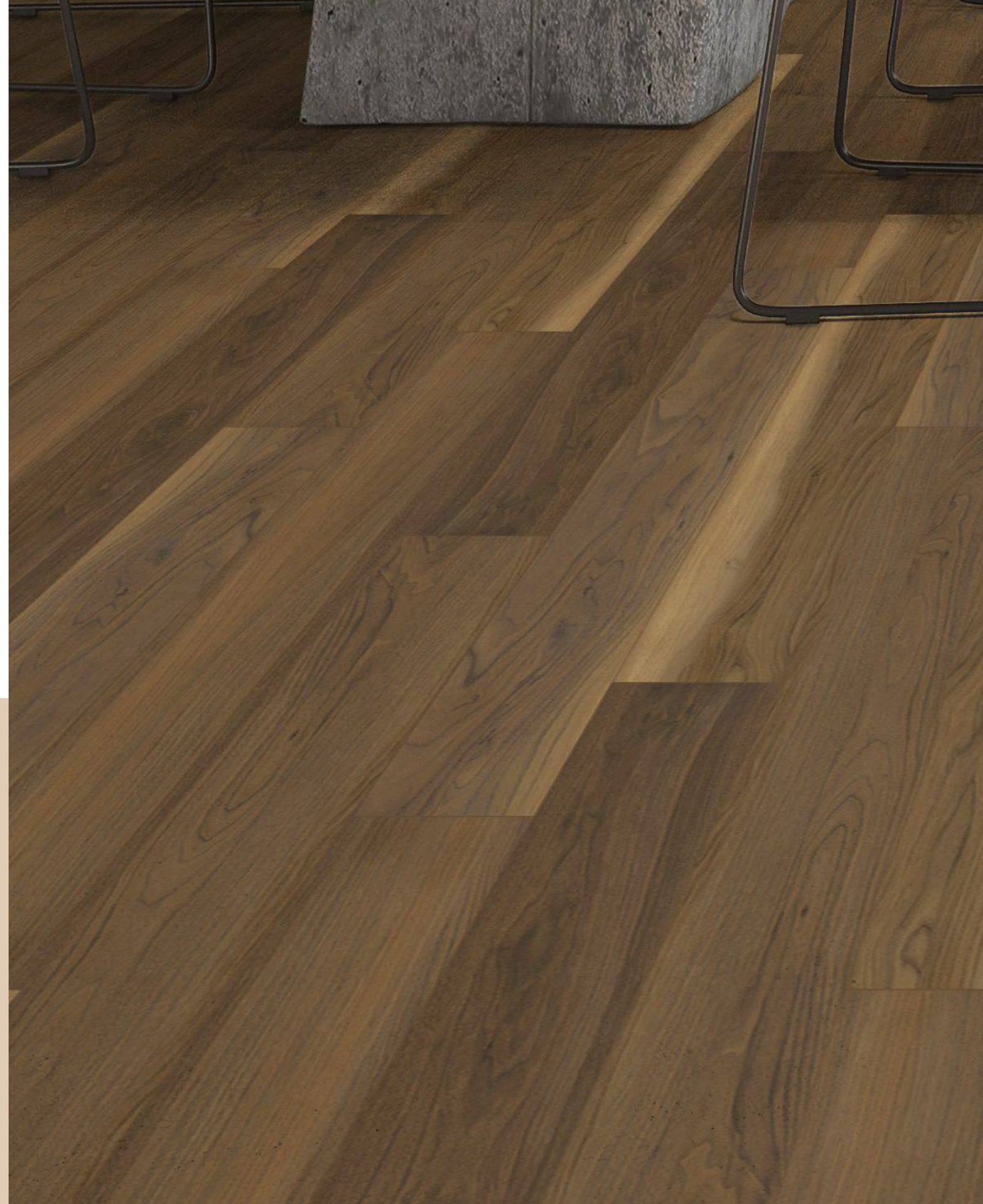


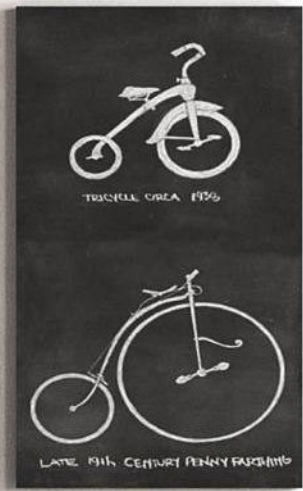


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PERSIAN WALNUT
181x1220mm

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QUERCUS BUR
181x1220mm

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TRADITIONAL QUERCUS
181x1220mm



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OLD QUERCUS
181x1220mm



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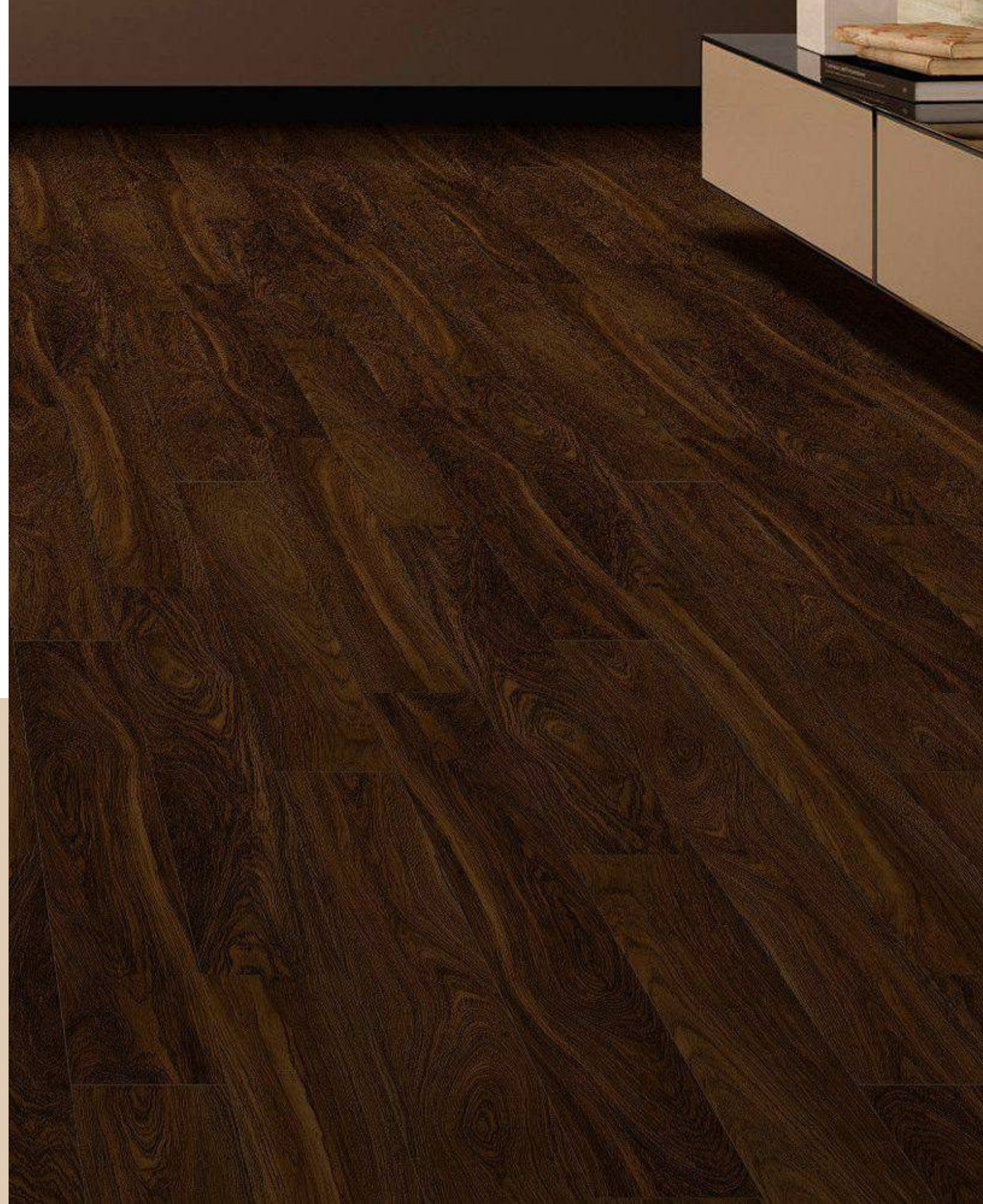


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AFRICAN PADAUK
181x1220mm



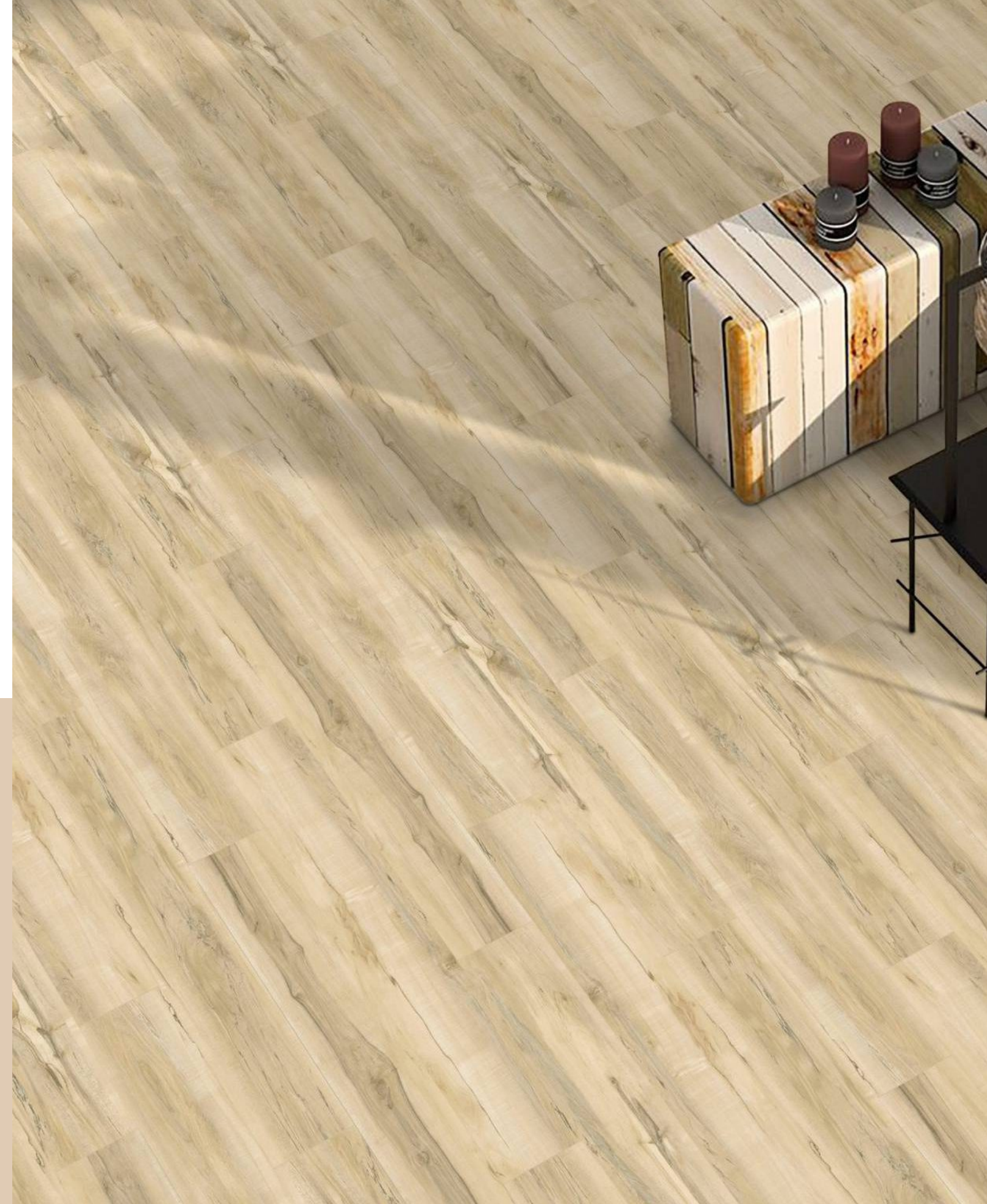
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ACER BEIGE
181x1220mm



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CHARNWOOD QUERCUS
181x1220mm



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WATTLES BROWN
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QURECUS CINNAMON
181x1220mm

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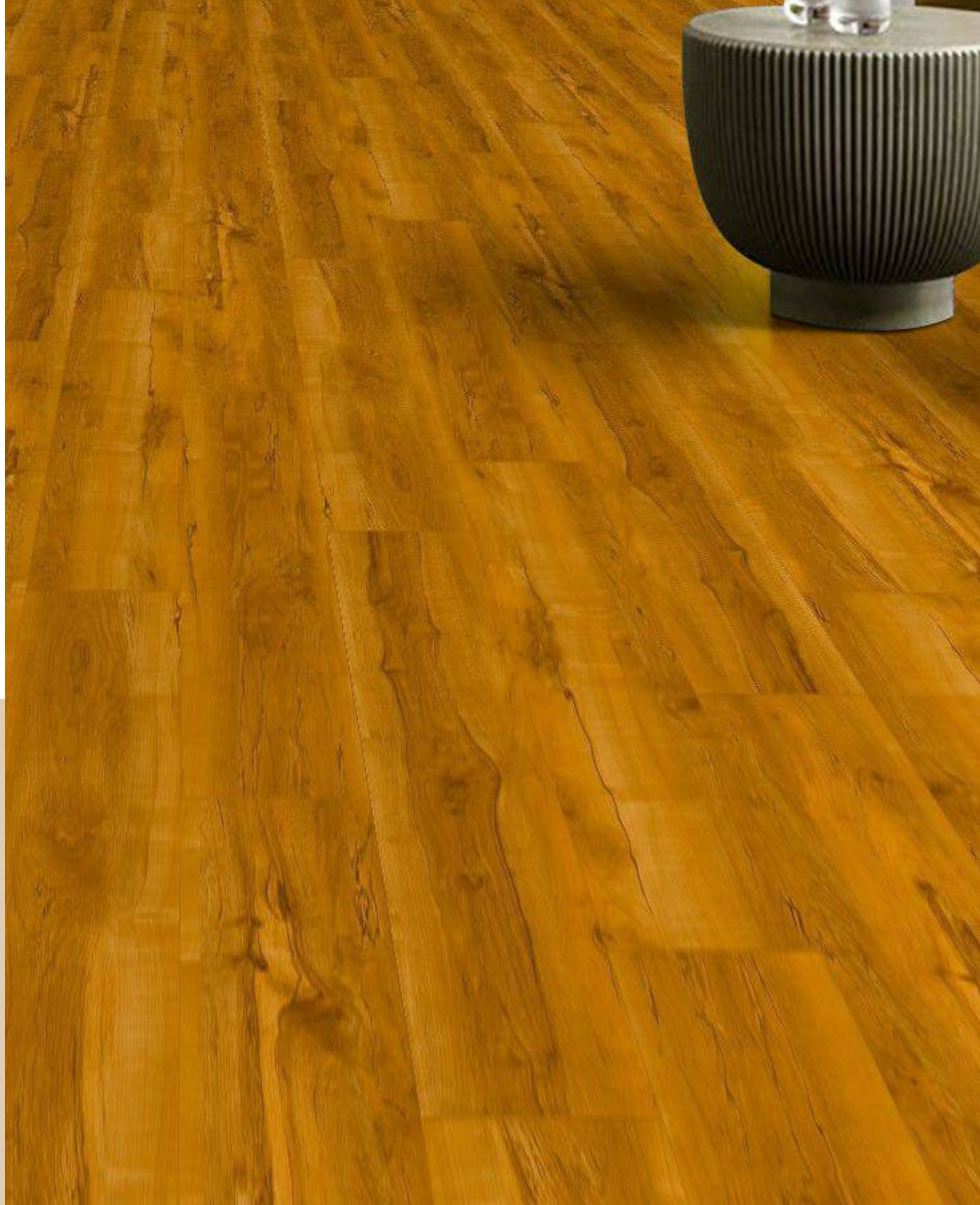


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ACER BROWN
181x1220mm



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FRAXINUS
181x1220mm



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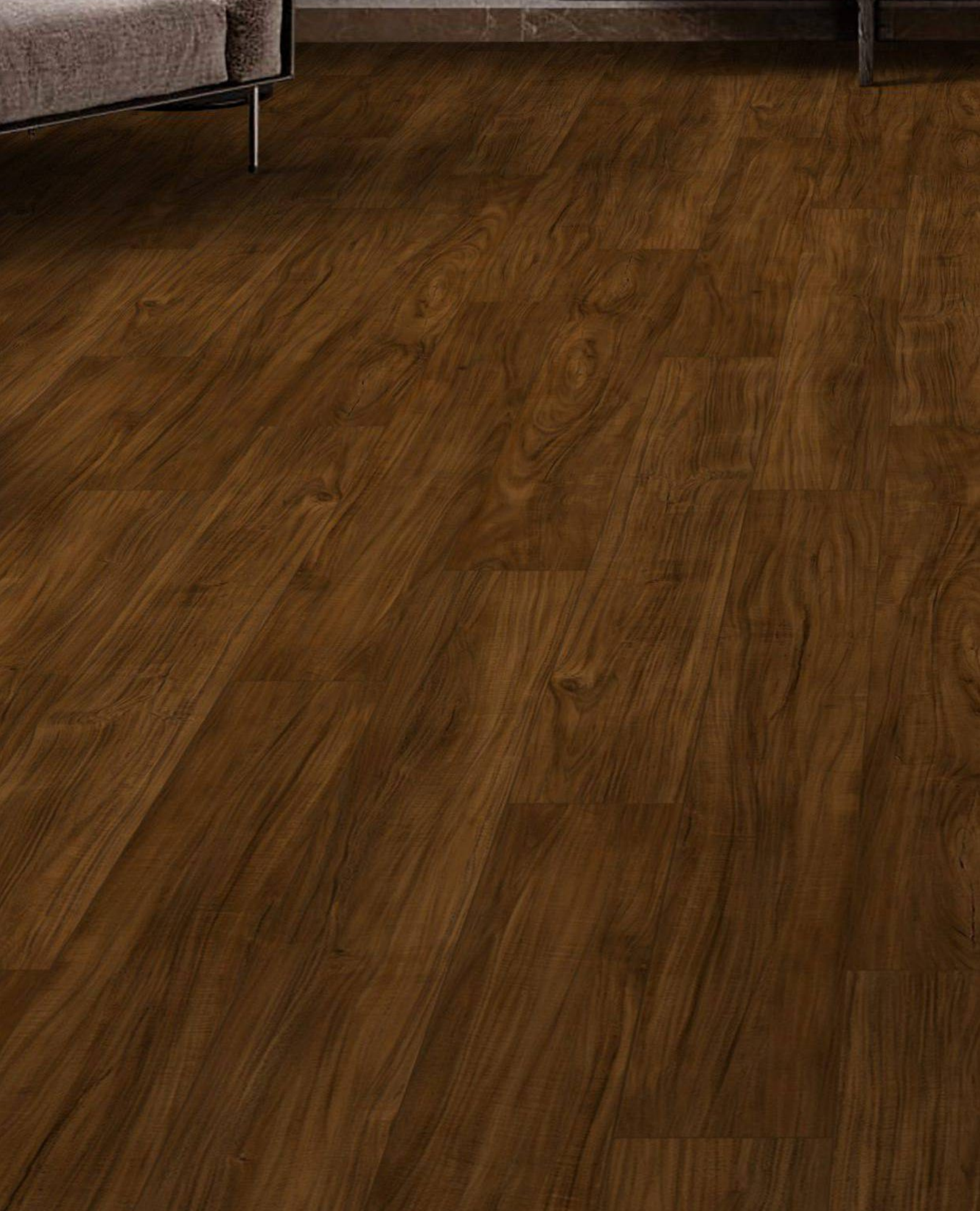


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WATTLES DARK
181x1220mm



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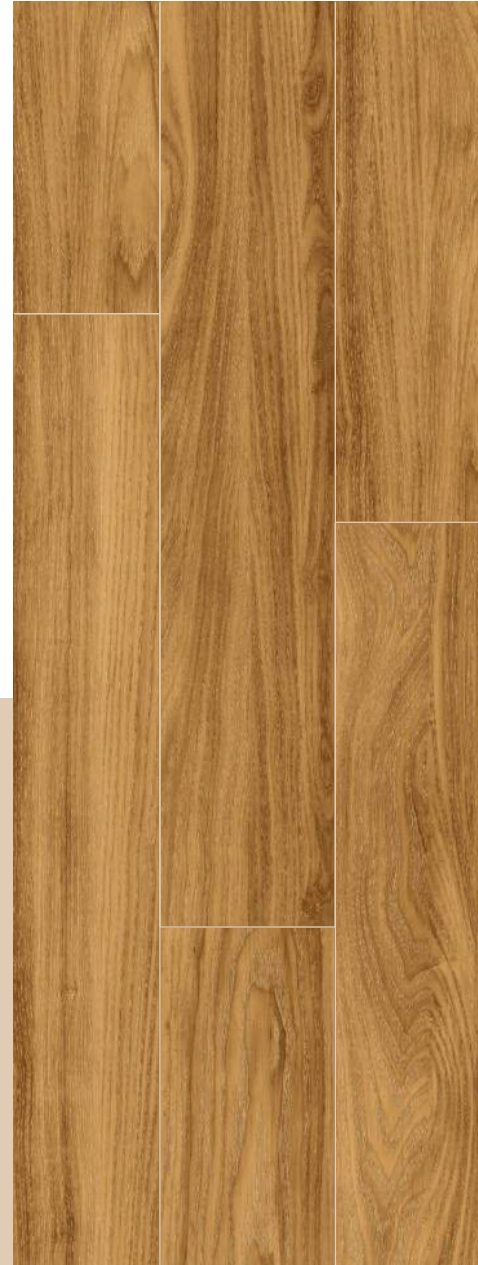




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ANCIENT QUERCUS
181x1220mm

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GREAT ELM NATURAL
181x1220mm



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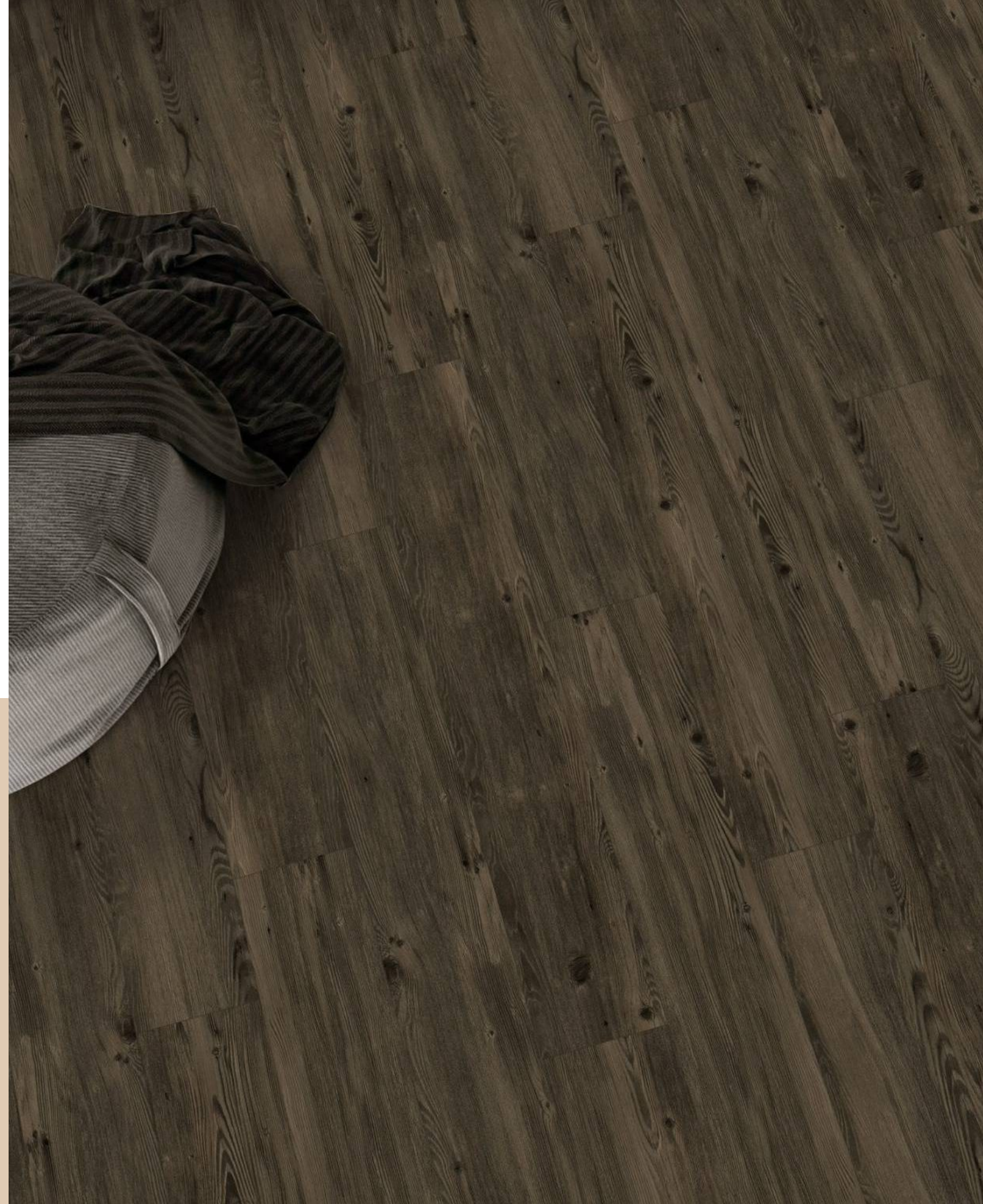


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ALPINE CHARCOAL
181x1220mm



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OAK SCARLET
181x1220mm

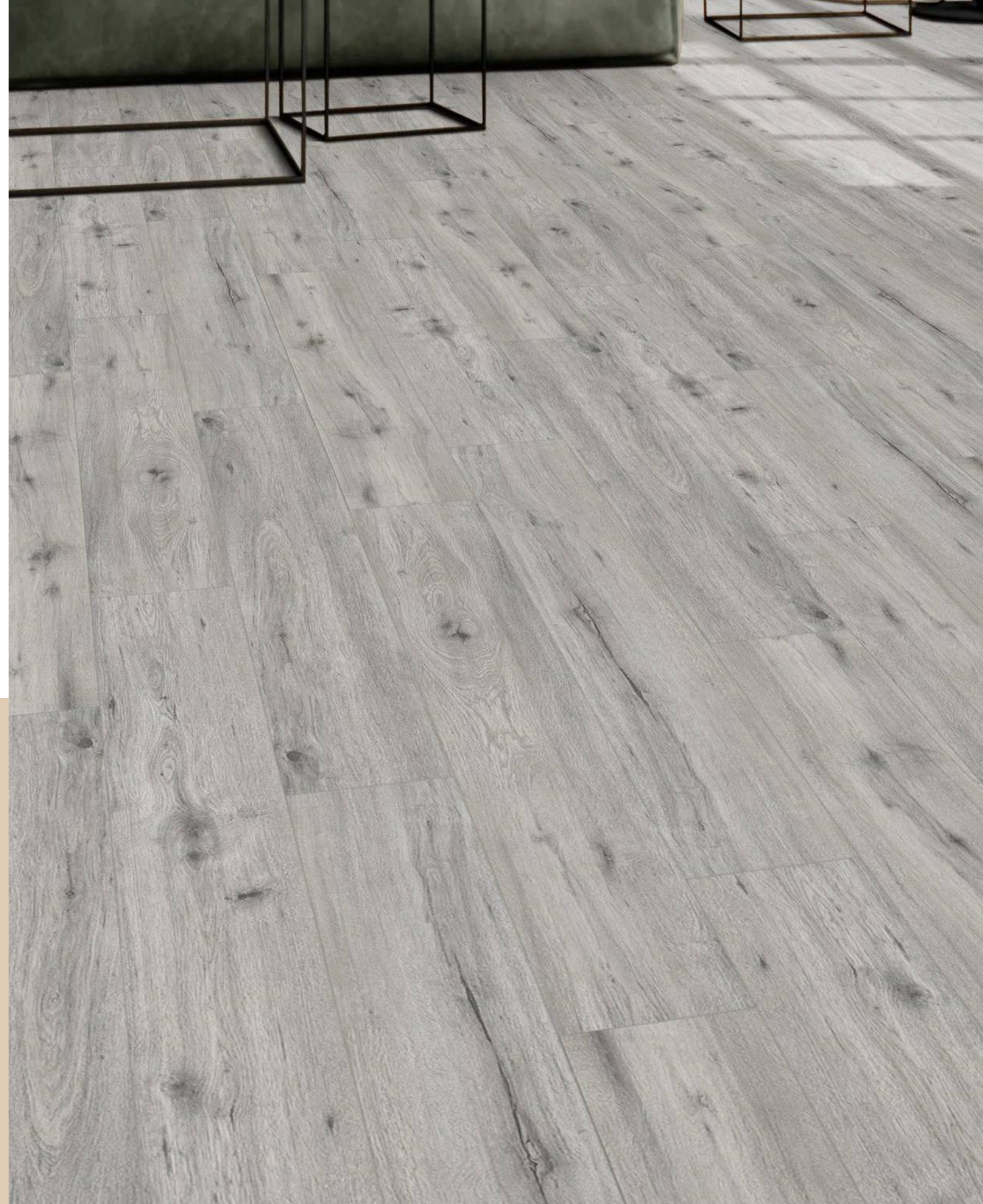
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QUERCUS GRISEA
181x1220mm





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TECHNICAL INFORMATION

CHARACTERISTICS	ICON	STANDARDS	MINIMUM-REQUIREMENTS	RESULT
Floorscore Certification		SCS-EC10.3-2014v3.0	Refer to Standards	Pass
CE Certification		EN14041	Refer to Standards	Pass
Fire Resistance		EN 9239-1 EN ISO11925-2 EN 13501-1	Critical Flux>8.0kw/m Fs<150mm within 20s Smoke<750% minutes	Bfl-s1
Slip Resistance		EN13893	N/A	Class DS
Phthalate Tests (DBP/BBP/DEHP/DINP/DNOP/DIDP)		EN14372:2004	N/A	Free
Dimension Stability		ASTM F2199-09(R2014)	<0.25%	MD: -0.046% TD: -0.009%
Sean Strength		EN 684:1995	N/A	Ave : 360N/50mm Pass Min : 330N/50mm
Residual Indentation (%)		ASTM F1700-13a & ASTM F1914-07(2011)	Average value <8 Individual value <10	0.4 Pass
Resistance To Chemicals		ASTM F1700-13a & ASTM F925-13	No more than a slight change in surface dulling, surface attack, or staining	No change in surface dulling, surface attack, or staining was detected
Heat Stability		ASTM F1514-03(R2013)	Δ E* ab<8	Δ E* ab=0.67 Pass

CHARACTERISTICS	ICON	STANDARDS	MINIMUM-REQUIREMENTS	RESULT
Recovery Under Static Load		ASTM F970-17	N/A	0.04mm Pass
Large Ball Impact Resistance		NALFA/ANSI LF-01-2011	N/A	No cracks or fractures occurred at the height of 2500mm
Static Electrical Propensity		EN 1815:2016 method A	≤ 2kV	0.2kV
Impact Insulation Class with 1.5mm Padding		ASTM E492-09(2016) ASTM E989-12	N/A	I IC=65
Sound Transmission Class with 1.5mm Padding		ASTM E90-2009(R2016) ASTM E413-10	N/A	STC=62
Formaldehyde		ISO 17226-1:2008	N/A	Free
Peel Resistance		EN ISO 24345:2012	>54N/50mm	Longitudinal direction: 95N/50mm Cross direction: 95N/50mm
Castor Chair Test		ASTM D4060	N/A	Pass 25000 cycles
Thermal Conductivity		EN 12667:2001	N/A	0.154 W/(m.k)
Thermal Resistance		EN 12667:2001	N/A	0.033 (m ₂ .K)/w

SPC DETAILS PORCELONA

NOMINAL WIDTH	NOMINAL LENGTH	TOTAL THICKNESS WITH PAD	CORE THICKNESS	PAD TYPE	WEAR LAYER	FINISH /COATING	TEXTURE	JOINT TYPE	BEVEL	PCS/BOX	SQM/BOX
181mm	1220mm	5mm	4mm	1mm IXPE	0.3mm	UV Coated	Embossed	UNICLIC	Micro	10	2.21
181mm	1220mm	5.5mm	4.5mm	1mm IXPE	0.3mm	UV Coated	Embossed	UNICLIC	Micro	10	2.21
181mm	1220mm	6mm	5mm	1mm IXPE	0.3mm	UV Coated	Embossed	UNICLIC	Micro	10	2.21



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