

PORCELONA

MORE THAN A PORCELAIN

SPC ◆ FLOOR



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

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.

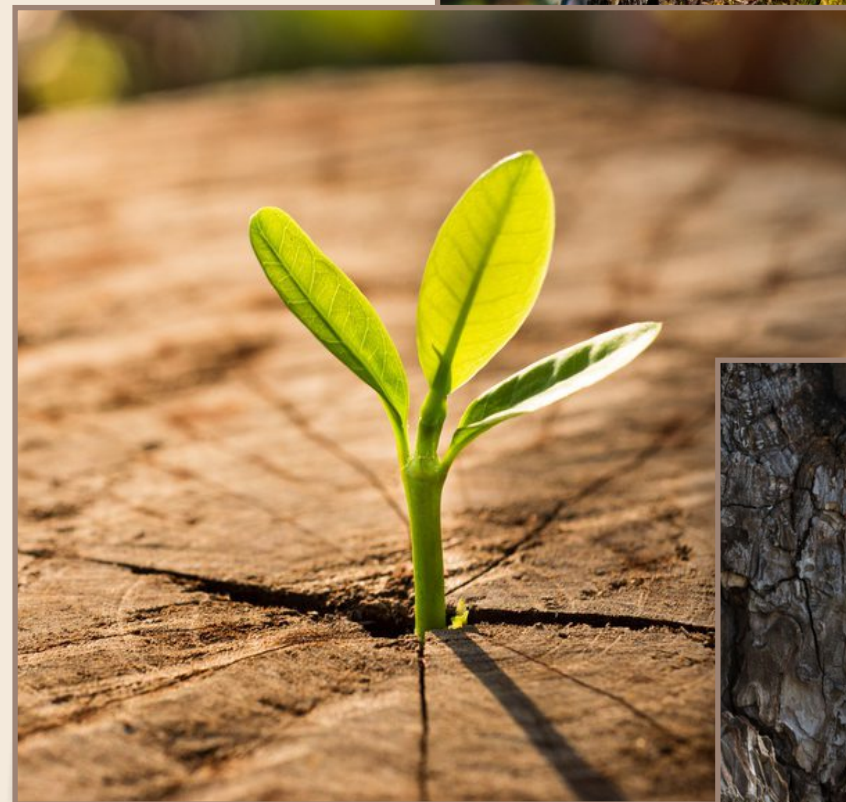
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NATURAL WOOD INSPIRATION

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

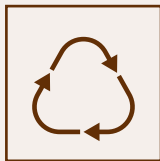
HIGHLIGHTED BENEFITS



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.



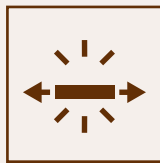
Walking comfort.
Pleasurable to walk on thanks to the IXPE/EVA backing avoiding squeaking and to level minor unevenness.



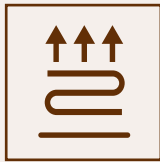
Temperature changes resistant.
Designed to support the extreme temperatures of each season.



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.



Canyon



Quercus Silky



Traditional Quercus



Acer Beige



Quercus Cinnamon



Wattles Dark



Alpine Charcoal



Parvula



Persian Walnut



Old Quercus



Charnwood Quercus



Acer Brown



Ancient Quercus



Oak Scarlet



Genuine Oak



Quercus Bur



African Padauk



Wattles Brown



Fraxinus



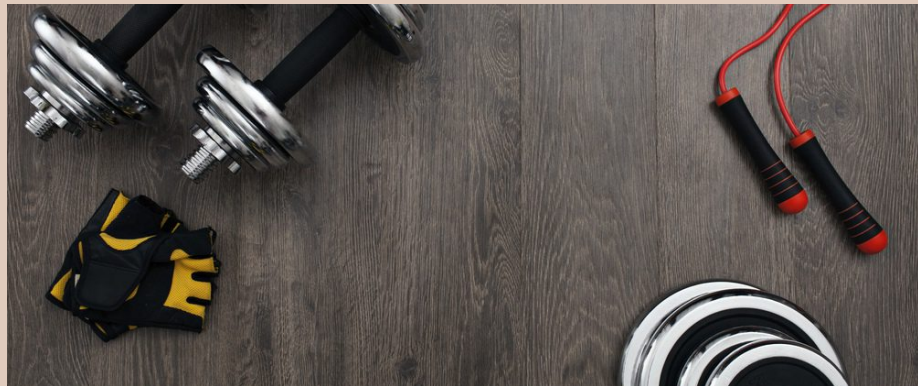
Great Elm Natural



Quercus Grisea

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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

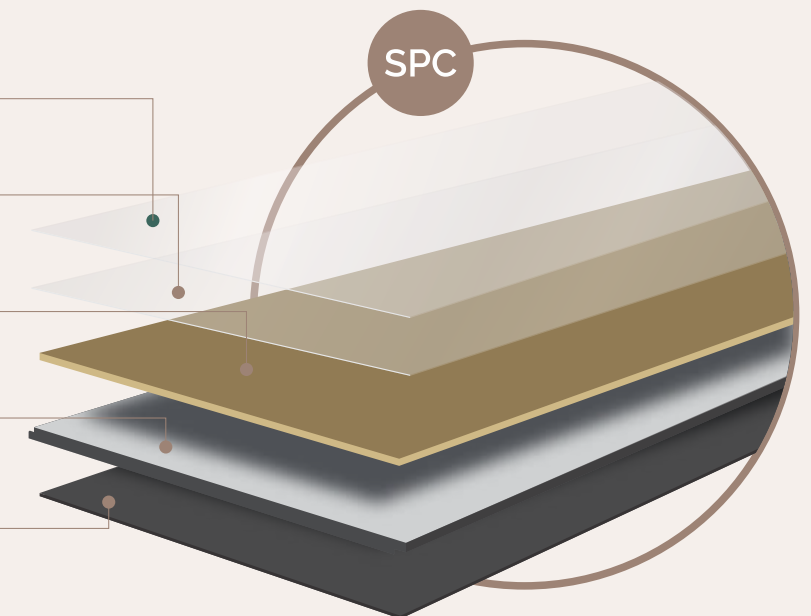
HD graphic printed on the film provides look and color of wood, stone, or carpet.

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

PREMIUM

GRACE S E R I E S





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PARVULA
181x1220mm



GRACE
S E R I E S





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GENIUNE OAK

181x1220mm

GRACE
S E R I E S

PREMIUM





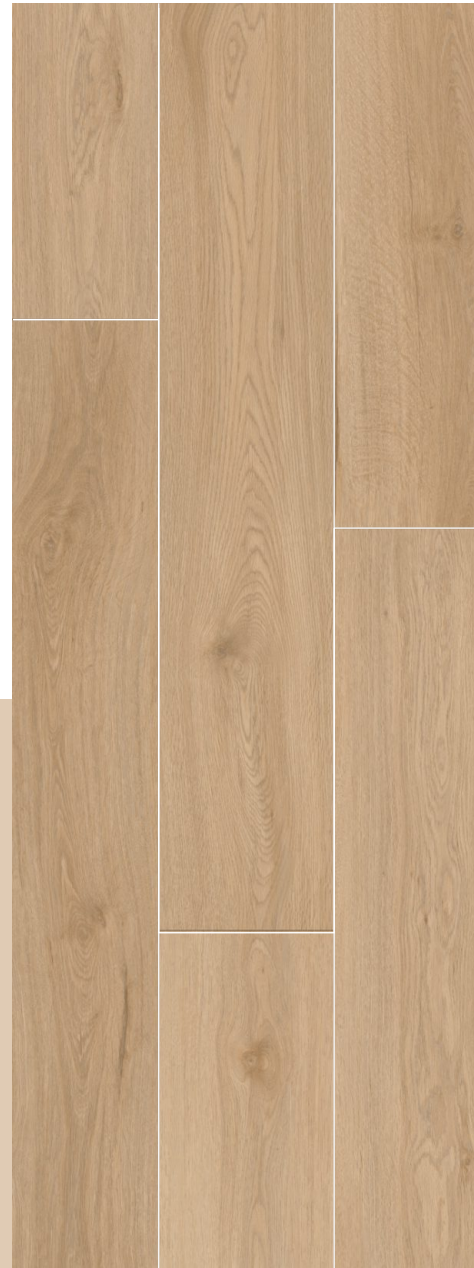
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QUERCUS SILKY

181x1220mm

SUPERIOR S E R I E S





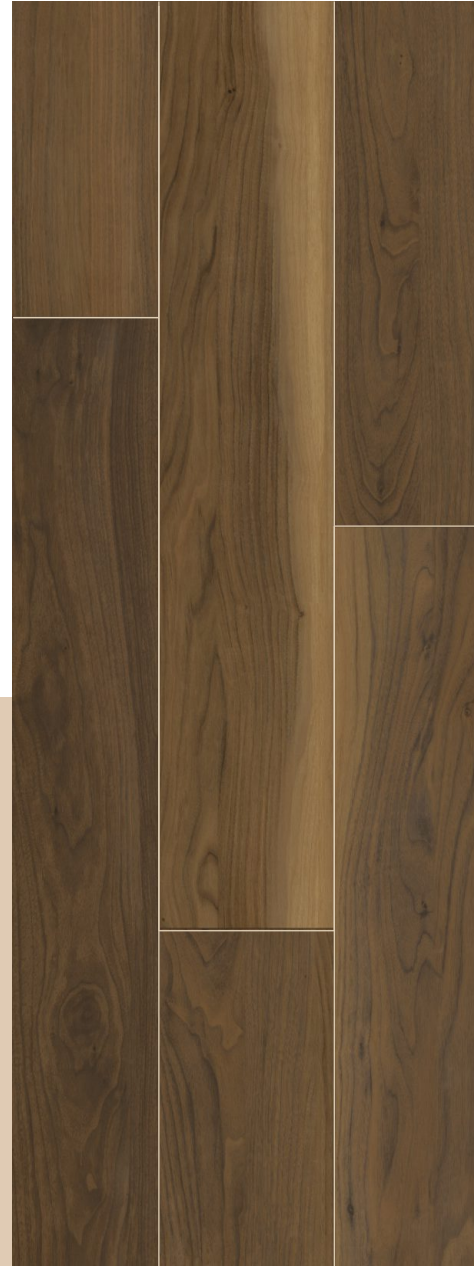
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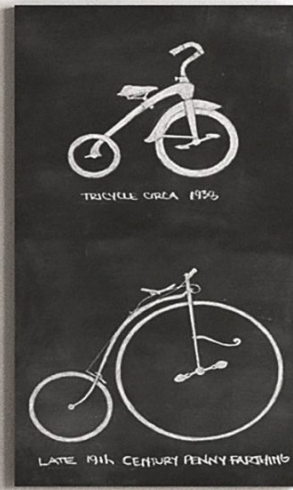
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PERSIAN WALNUT

181x1220mm

SUPERIOR S E R I E S





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MORE THAN A PORCELAIN

QUERCUS BUR

181x1220mm

SUPERIOR S E R I E S





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TRADITIONAL QUERCUS

181x1220mm

SUPERIOR
S E R I E S





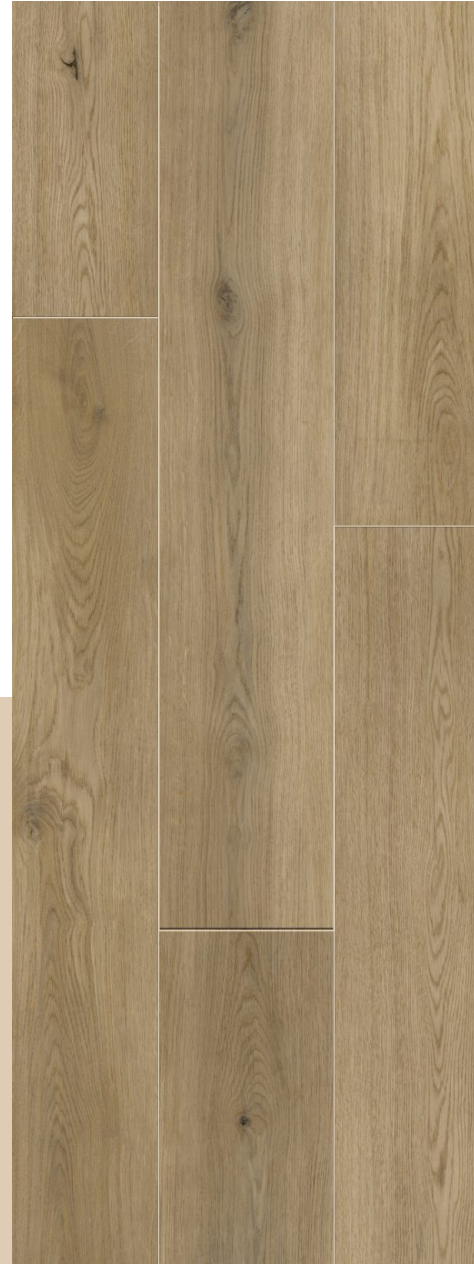
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OLD QUERCUS

181x1220mm

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MORE THAN A PORCELAIN

AFRICAN PADAUK

181x1220mm

SUPERIOR S E R I E S





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ACER BEIGE

181x1220mm

SUPERIOR S E R I E S





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CHARNWOOD QUERCUS

181x1220mm

SUPERIOR

S E R I E S





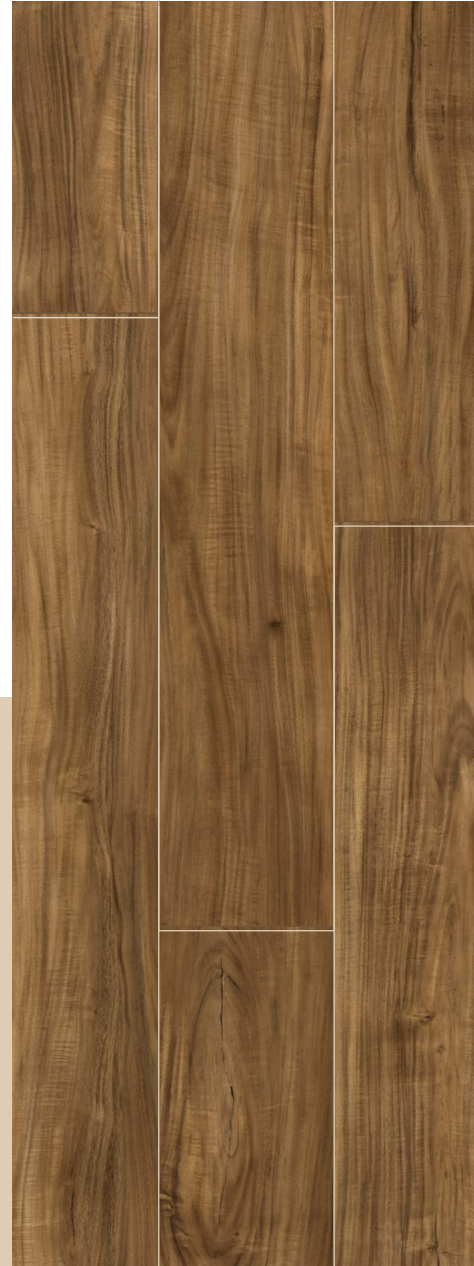
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WATTLES BROWN

181x1220mm

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QURECUS CINNAMON

181x1220mm

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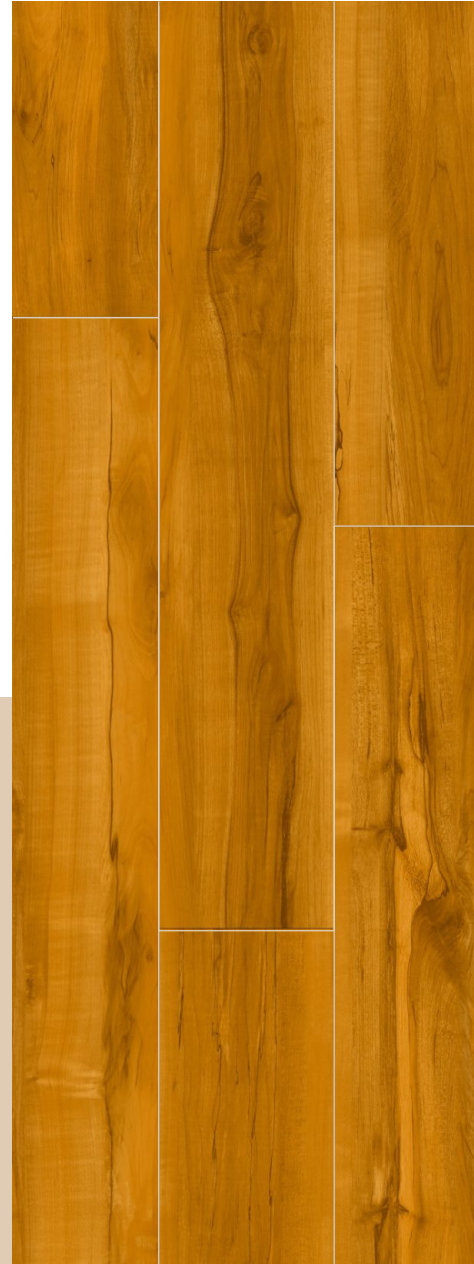
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MORE THAN A PORCELAIN

ACER BROWN

181x1220mm

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MORE THAN A PORCELAIN

FRAXINUS

181x1220mm

SUPERIOR S E R I E S





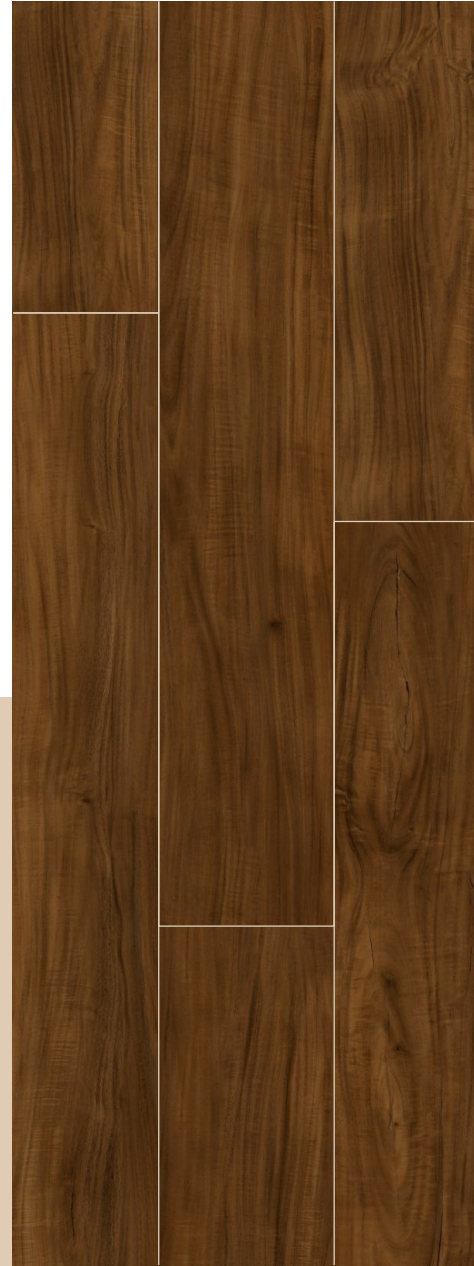
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MORE THAN A PORCELAIN

WATTLES DARK

181x1220mm

SUPERIOR S E R I E S





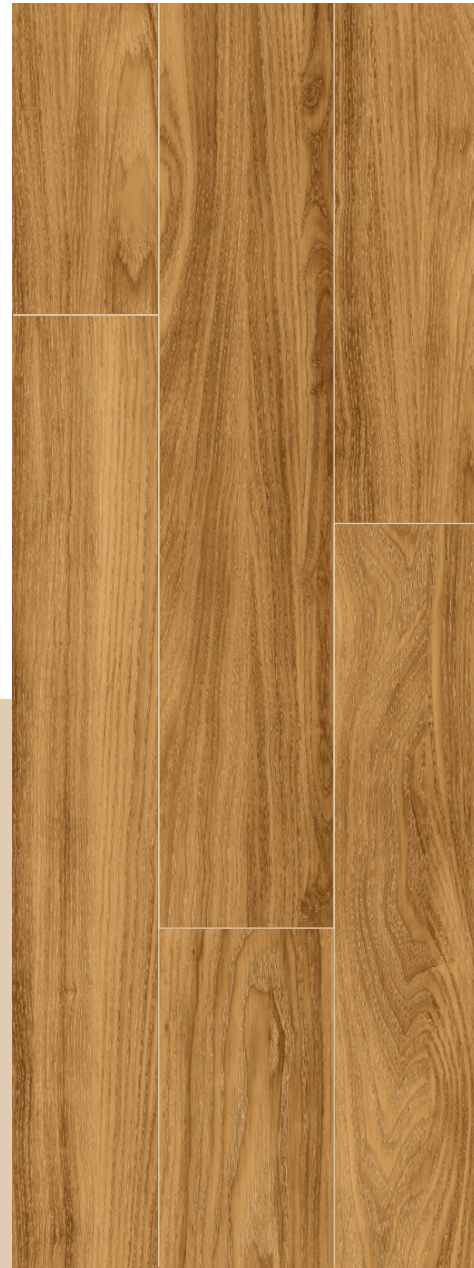
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ANCIENT QUERCUS

181x1220mm

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GREAT ELM NATURAL

181x1220mm

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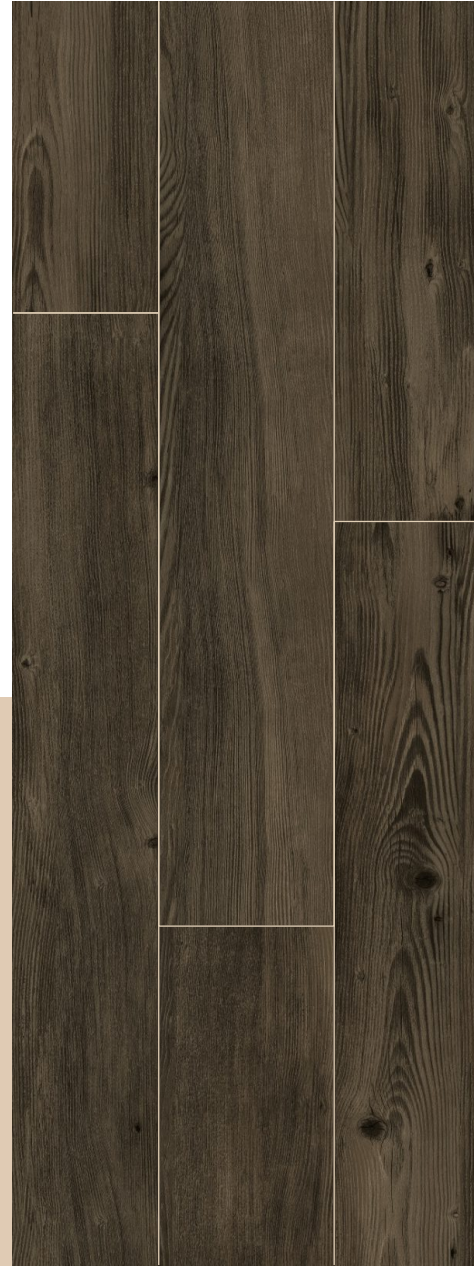
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ALPINE CHARCOAL

181x1220mm

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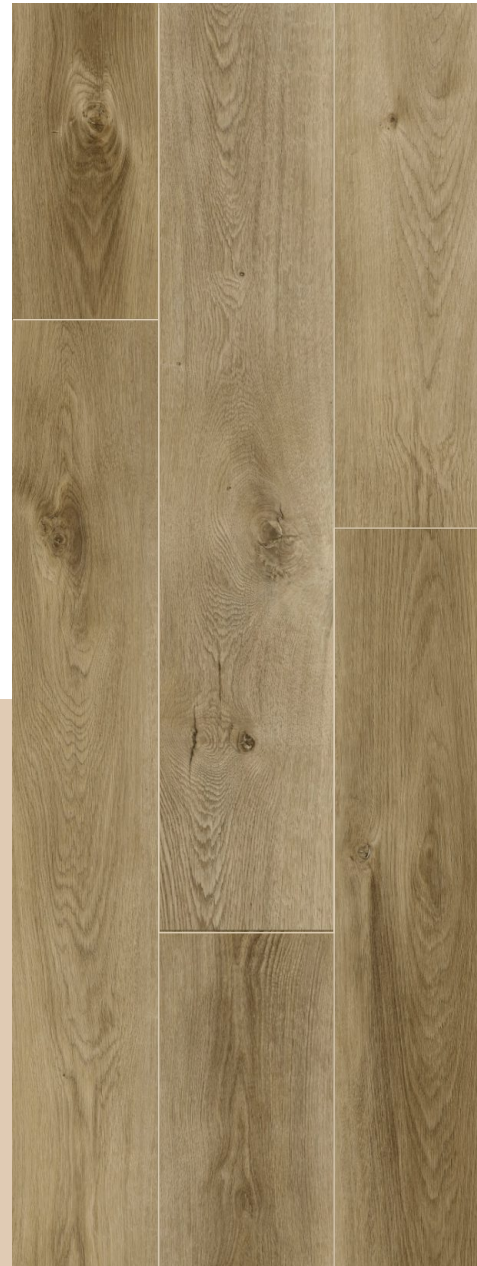
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OAK SCARLET

181x1220mm

SUPERIOR S E R I E S





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QUERCUS GRISEA









181x1220mm




SUPERIOR S E R I E S





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 Fluxr>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 deteced |
| Heat Stability | | ASTM F1514-03(R2013) | △ E* ab<8 | △ 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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