NETRA FLOORING

INSPIRED BEAUTY,
UNMATCHED DURABILITY!

What Is
SPC Plank ?

SPC (Stone Plastic Composite) flooring seamlessly merges the elegance of nature with structural resilience. Originating from the vision of replicating the solid aesthetics of traditional hardwood, it has now become widely accessible in the market. What sets it apart? An unwavering commitment to environmental protection and sustainability - each plank minimizing waste and maintaining an authentic appearance.

Enter the realm of SPC flooring, a groundbreaking alternative to conventional options. Beyond the limitations of wood and surpassing vinyl plank, it stands out with water-resistant and damp-proof attributes. Dive into the simplicity of DIY installations, where each plank effortlessly transforms spaces, delivering durability and innovation. As you embark on this flooring journey, anticipate a revolution in interior aesthetics, elevating your lifestyle to an elite benchmark.

Why SPC ?

1. Multiple Possibilities

Versatile SPC flooring suits any space, residential or public. Explore multiple sizes, laying patterns, and thickness options, allowing for personalized, durable, and stylish flooring solutions in diverse environments.

2. Superior Strength & Innovative Process

SPC flooring boasts superior strength and innovates through a cutting-edge process. Experience unmatched durability and resilience, making it the ideal choice for enduring and stylish flooring solutions.

3. DIY Product

Our SPC plank flooring has effortless installation and hassle-free experience that transform your space seamlessly.

4. Exceptional Features

SPC flooring excels with anti-slip properties, fire and termite resistance, easy installation, scratch resistance, and many more. These exceptional features make it the perfect choice for safety, durability, and aesthetics.

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RENEW
Carbon-Reducing
Raw Material

REDUCE
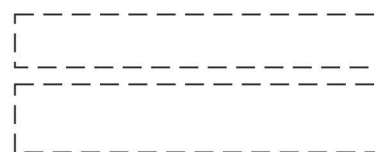Minimizes energy usage and
waste innanufacturing

RECYCLE
Produces 100% easily
recyclable floorings only

MULTIPLE POSSIBILITIES

Our flooring has applications from indoor to outdoor, multi-size, and multiple thicknesses making us the versatile choice for every space.
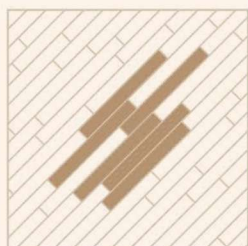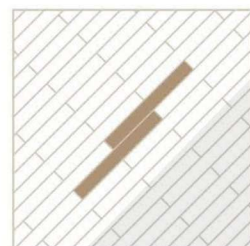
SIZES

7" x 48"

7" x 60"
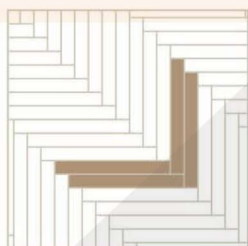
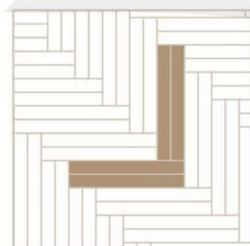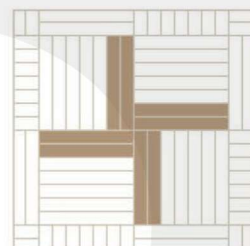## LAYING SOLUTIONS

Random Lay

Brick Lay

Stack Bond

Herringbone

Double Herringbone

Square Basket

APPLICATION

Indoor application where SPC flooring can be placed:

Residential:
Kitchen I Living room I Bedroom I Club House

Commercial:
Retail Shops I Restaurant I Cafes I Gym I Spa I Dance Studio I Airport I Office I School

Superior Strength & Innovative Process

We boast a robust 5-layer structure, ensuring strength with advanced technological processes in each layer making it the epitome of durability, innovation and modern flooring excellence.

1. Finish UV Coating

This top/surface layer of an SPC floor is designed to prevent discolouration, micro scratches and UV radiation.

2. Wear Layer

Strong wear-resistance from foot tracks and make the surface scratch resistance.

3. HD Wooden Decor Film

Regardless of natural wood or stone structure, PLANKTON FLOORS SPC offers a variety of beautiful designs. That will better showcase your individual style and personality.

4. Solid Polymer Core board

This core is made from a combination of natural limestone powder and stabilizers, ensuring a stable and waterproof performance for the floor.

5. IXPE Padding
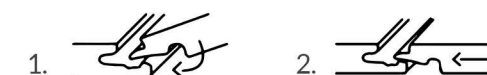
Better sound absorption and excellent underfoot feeling.

DIY Product

Easy & Hassle Free Installation

1. 2.

This technology makes it easy for our customers to install our flooring products without the need for professional help.

UNILIN   HOMAG   UNICLIC Patented Technology   DIY

EXCEPTIONAL FEATURES

Our SPC flooring has multiple excellent features that prove our world-class quality and ensure its long life and aesthetic appeal.
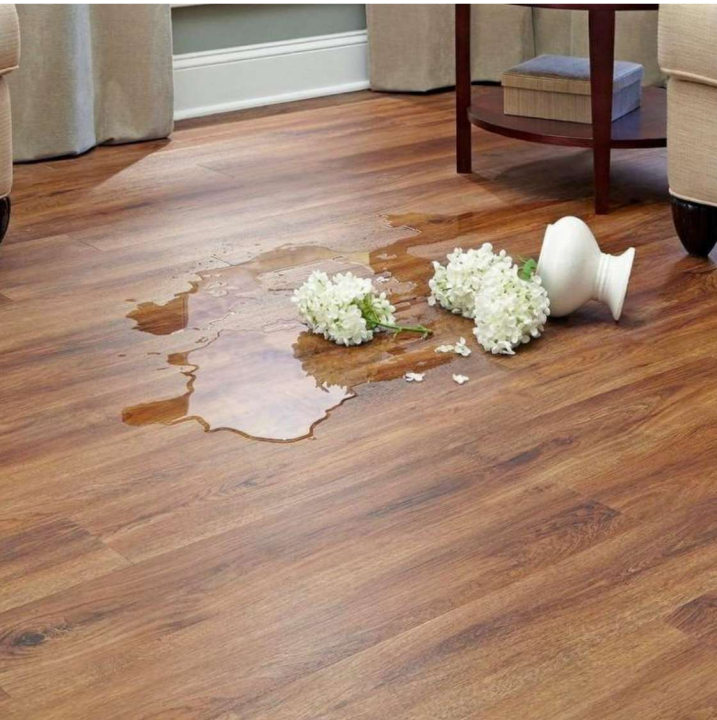
Water Resistant

SPC flooring, with its water-resistant marvel, transforms spaces seamlessly, ensuring durability and beauty even in the face of moisture challenges.

Highly Durable

Unmatched durability defines SPC flooring. Elevate your spaces with a flooring solution that withstands the test of time, promising enduring excellence and style at every step.

Easy to Install

Effortless transformations with SPC flooring as it is easy to install, simplifying the process for a swift and stress-free upgrade to stylish and durable interiors.

Scratch Resistant

SPC flooring is a resilient choice with scratch-resistant brilliance. Embrace a worry-free experience as every step maintains the pristine appeal, ensuring enduring beauty in every space.

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Anti Slippery

Experience safety and style with SPC flooring as its anti-slip features ensure secure footing, making it the ideal choice for spaces that prioritize both aesthetics and precaution.
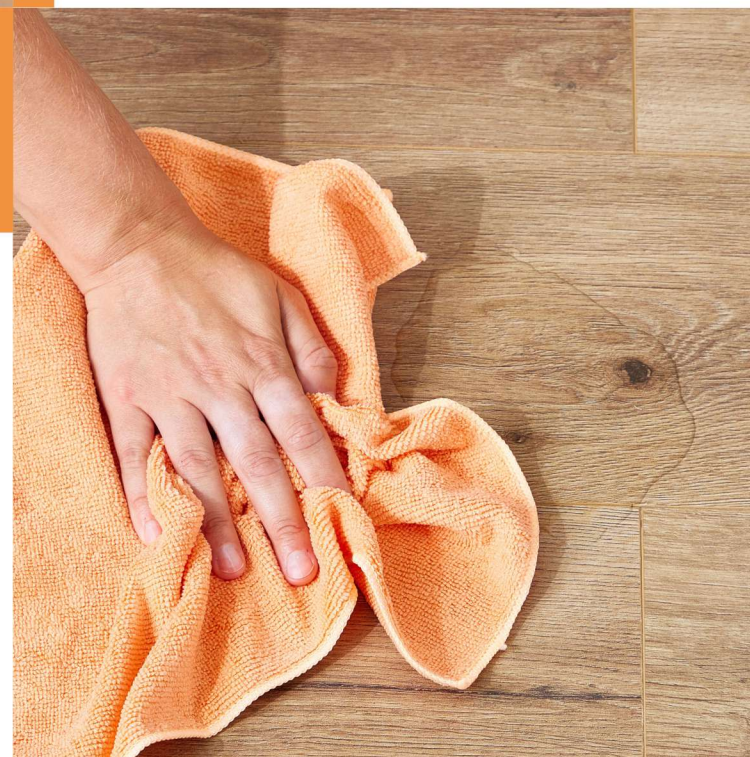
Fire Resistant

Secure elegance with SPC flooring as it is fire-resistant and stylish. Elevate your space with confidence, knowing it combines safety and aesthetics for enduring beauty and protection.
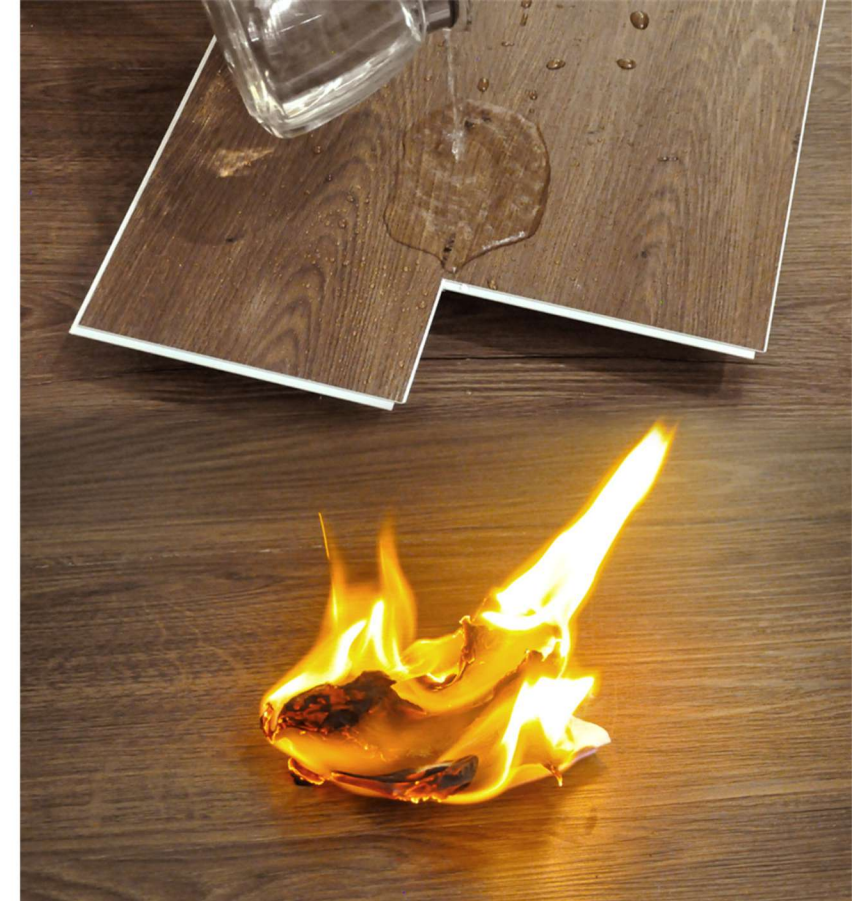
Sound Insulation

Silence with style as we have noise-proof features creating tranquil spaces, ensuring a serene environment with every step. Elevate with quiet elegance.
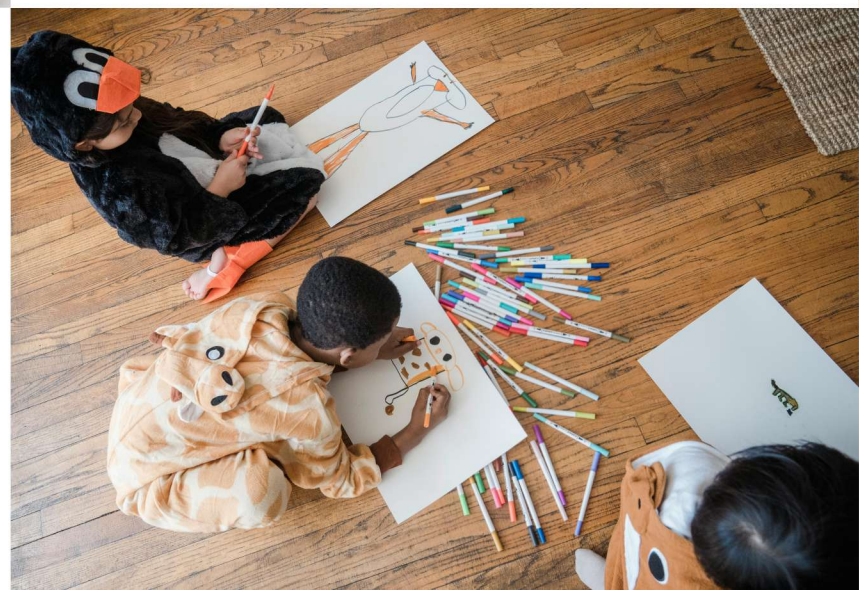
Stain Resistant

Experience the stylish and stress—free charm of SPC flooring, boasting stain resistance for easy maintenance and allowing you to embrace beauty without worry in every space

Non-Volatile

Craft a safe haven for children with non-volatile SPC flooring. Unleash creativity and playfulness in a secure environment.
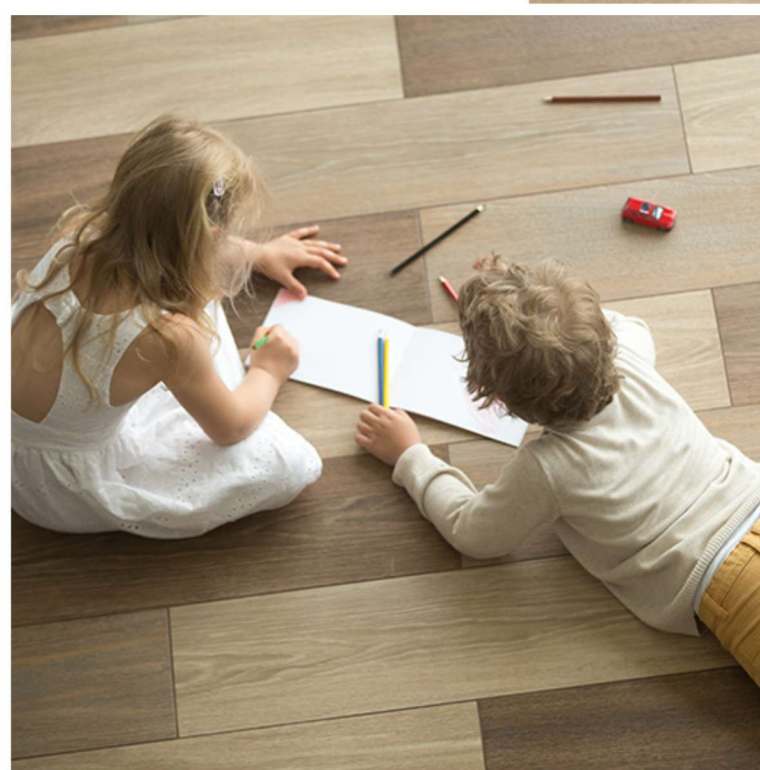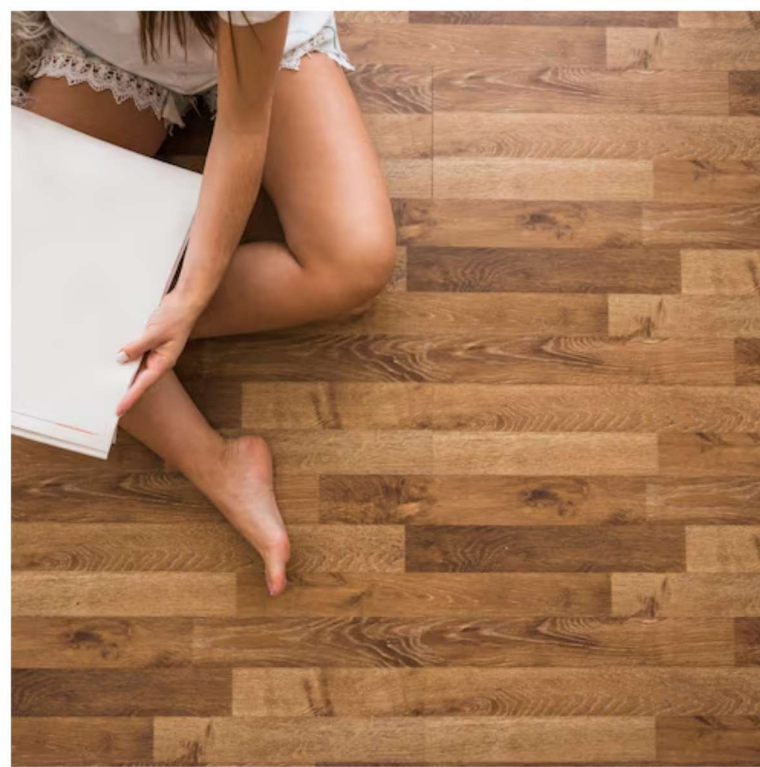
This feature makes it the perfect choice for any flooring and better than conventional flooring like tiles or natural stones.
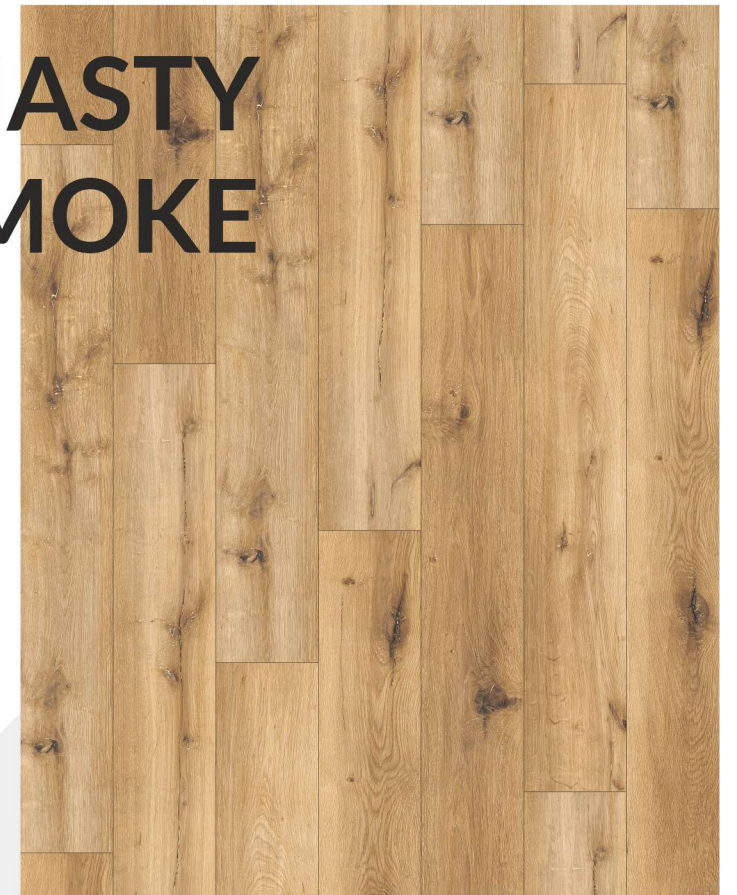
NETRA
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IMPERIΛL

NETRA
FLOORING

DYNASTY WALNUT SMOKE

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

GOLDEN CREST OAK

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
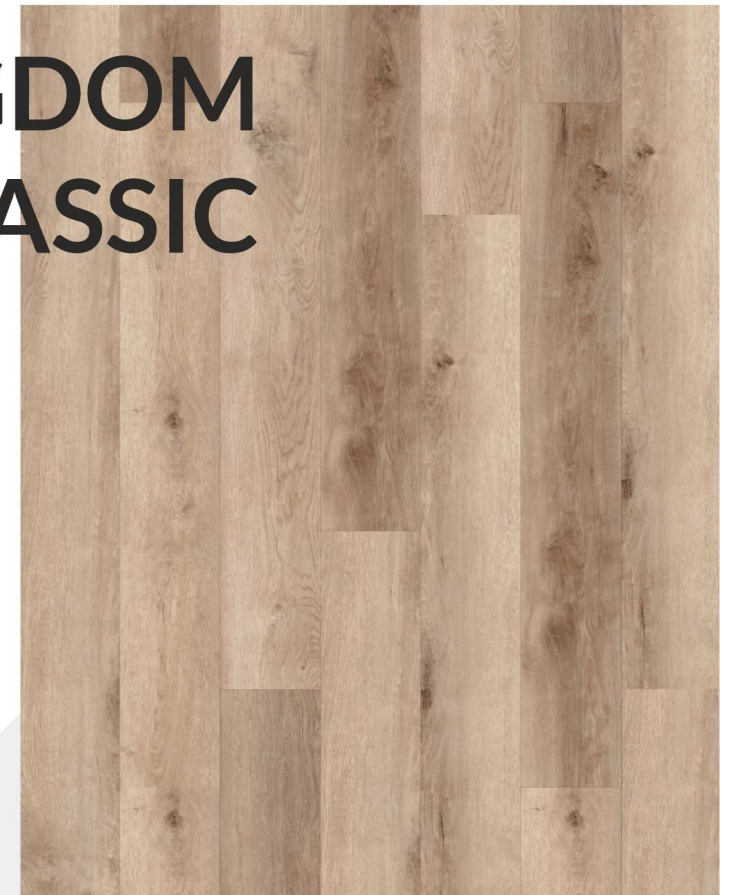5.5 mm

UNDERLAYMENT
OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

KINGDOM OAK CLASSIC

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

NOBLE
FERNWOOD

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

ROYAL HERITAGE OAK

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING
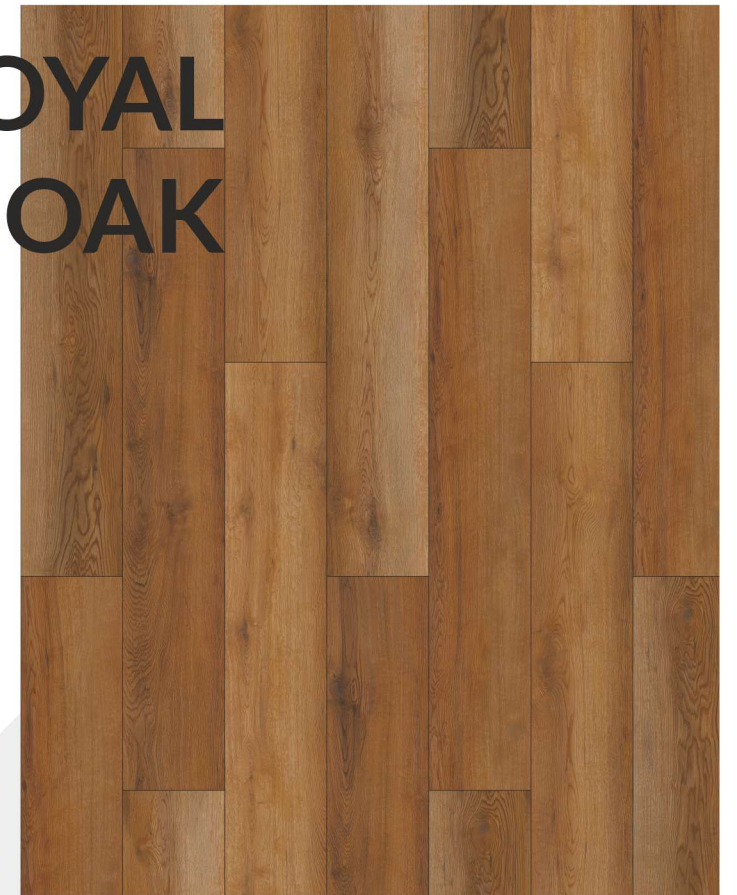
QUEEN'S CROWN OAK

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

MONARCH
IVORY GRAIN

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT
OPTION
1.0 mm & 1.5 mm

NETRA

VINTAGE MANOR OAK

SIZE
7" x 48"
7" x 60"

THICKNESS
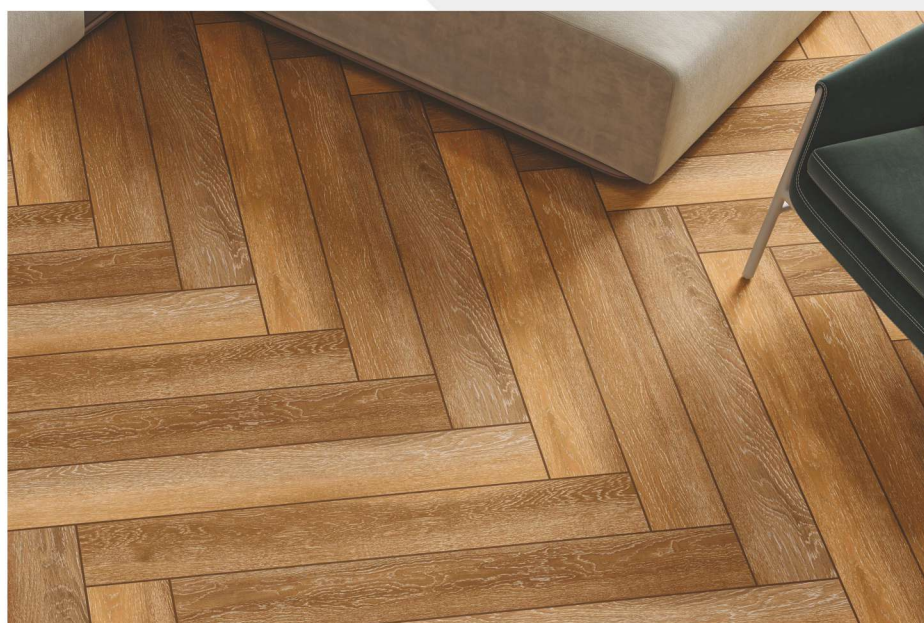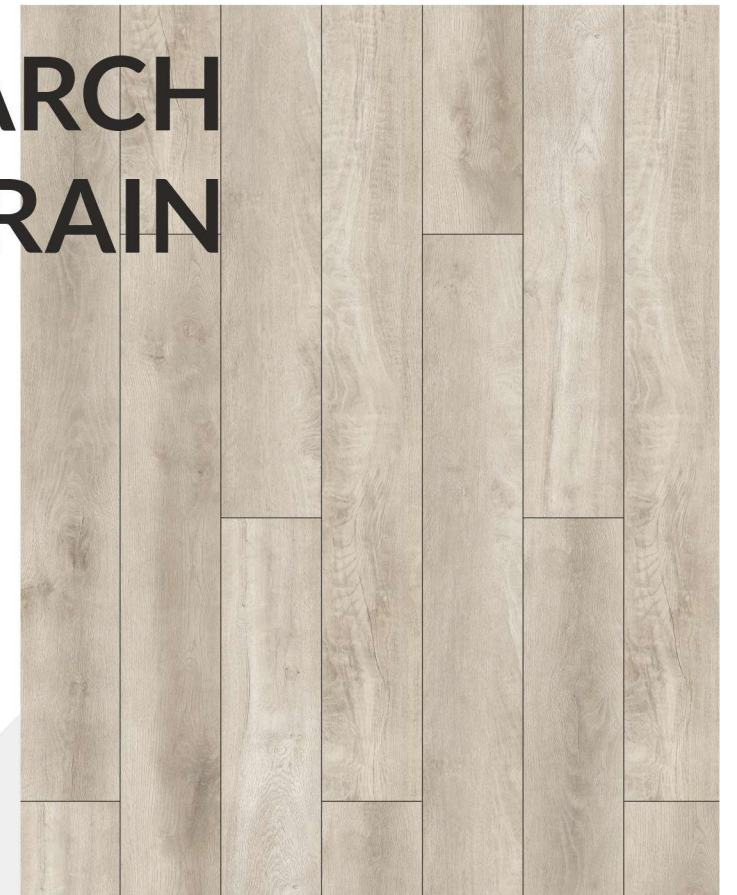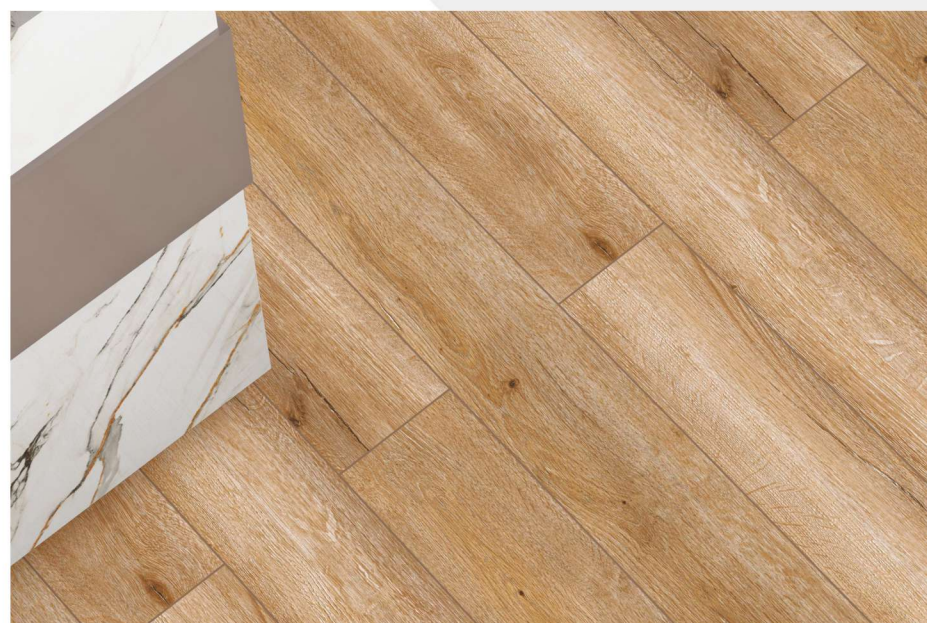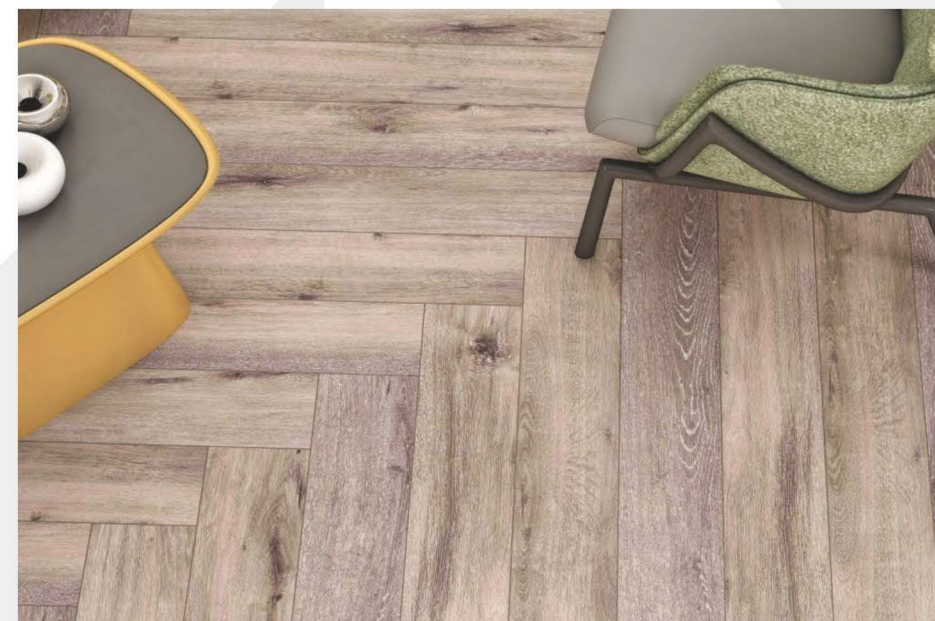4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT
OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

HEIRLOOM OAK GREY

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT
OPTION
1.0 mm & 1.5 mm

NOBLE
PINE NATURAL

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
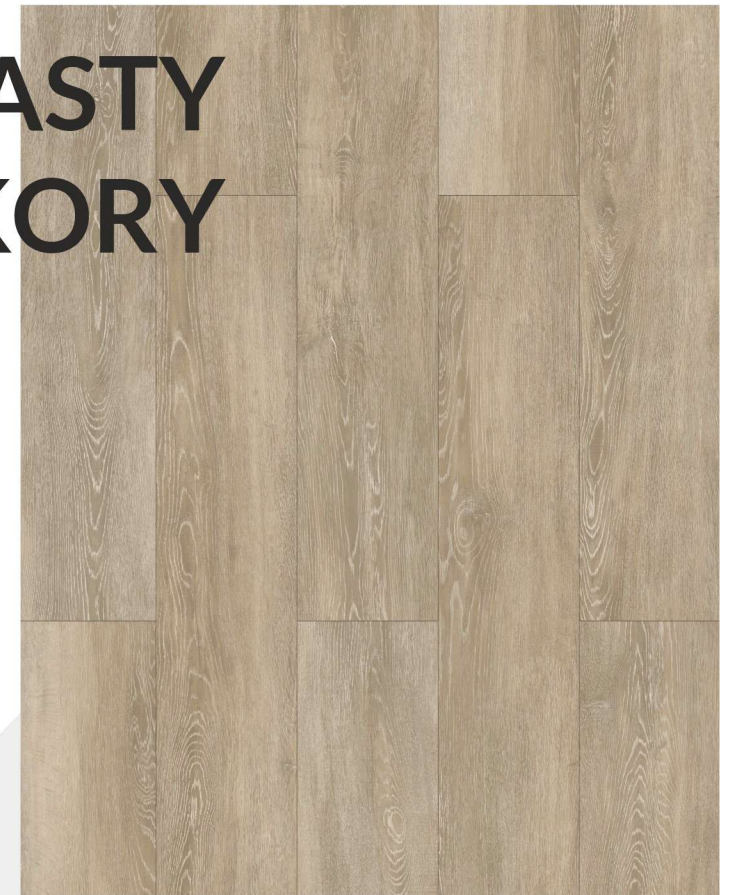5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

DYNASTY
MIST HICKORY

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING
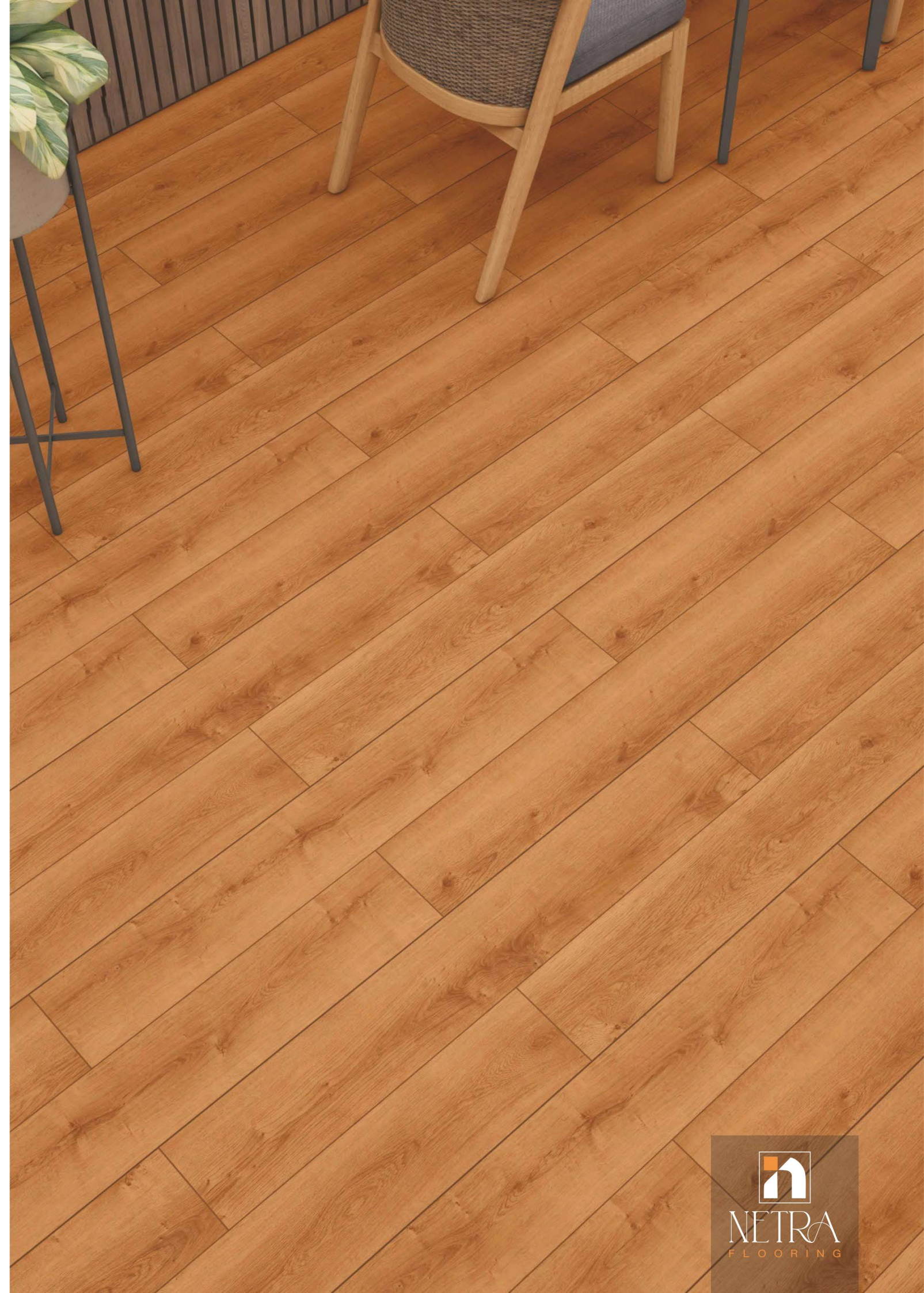
MAJESTIC PALACE MAPLE

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT
OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

NOBLE

NETRA
FLOORING

NETRA
FLOORING
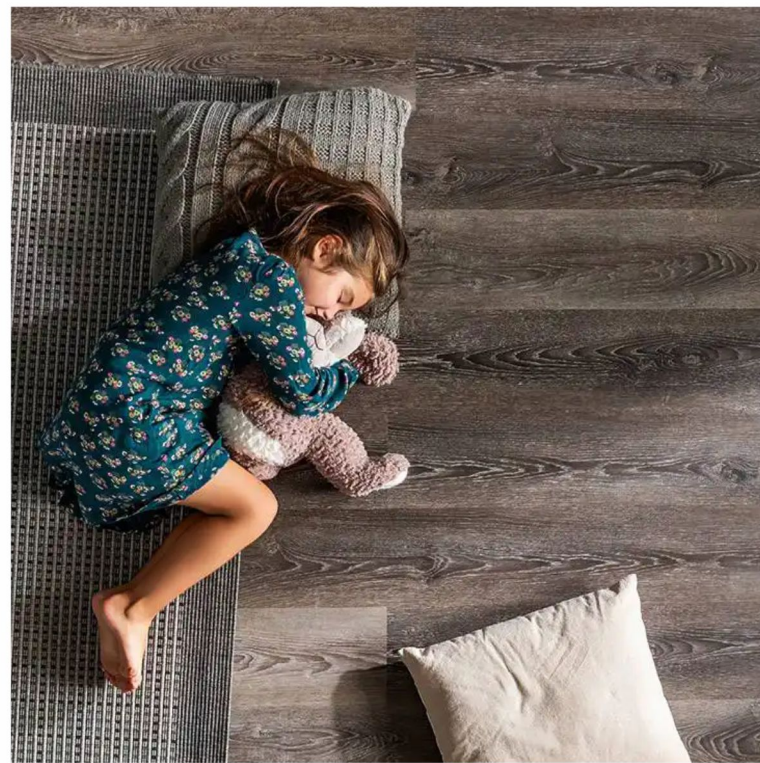
IMPERIAL CREAMWOOD

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING
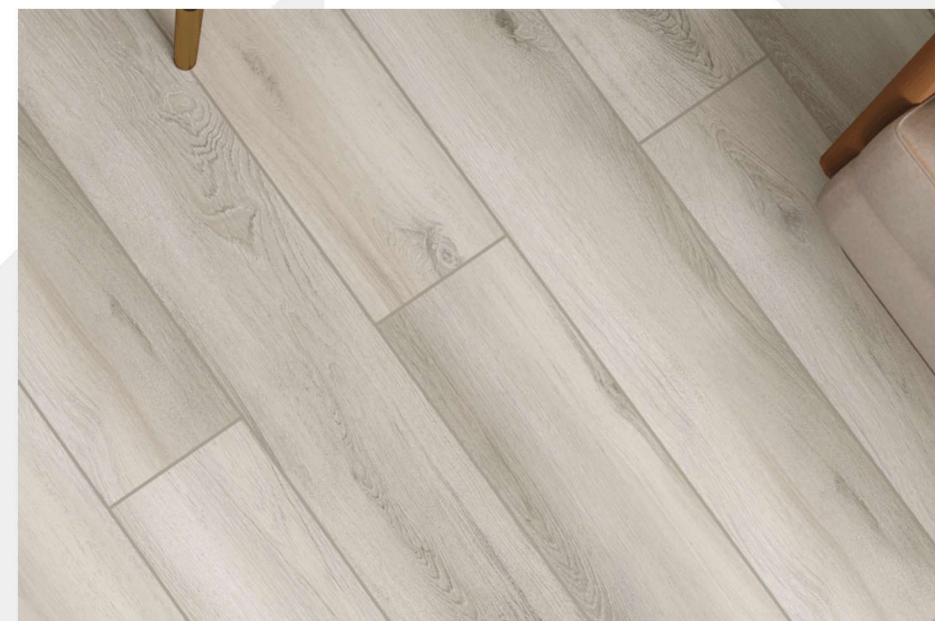
ROYAL SAGEWOOD

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

MAJESTIC TIMBERLINE

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

REGAL
SAND DRIFT

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT
OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

SOVEREIGN SANDSTONE

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

SILVER MONARCH GREY

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT
OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

ROYЯL

NETRA
FLOORING

IMPERIAL BLACKWOOD

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NOBLE
ESTATE GREY

SIZE
7" x 48"
7" x 60"

THICKNESS
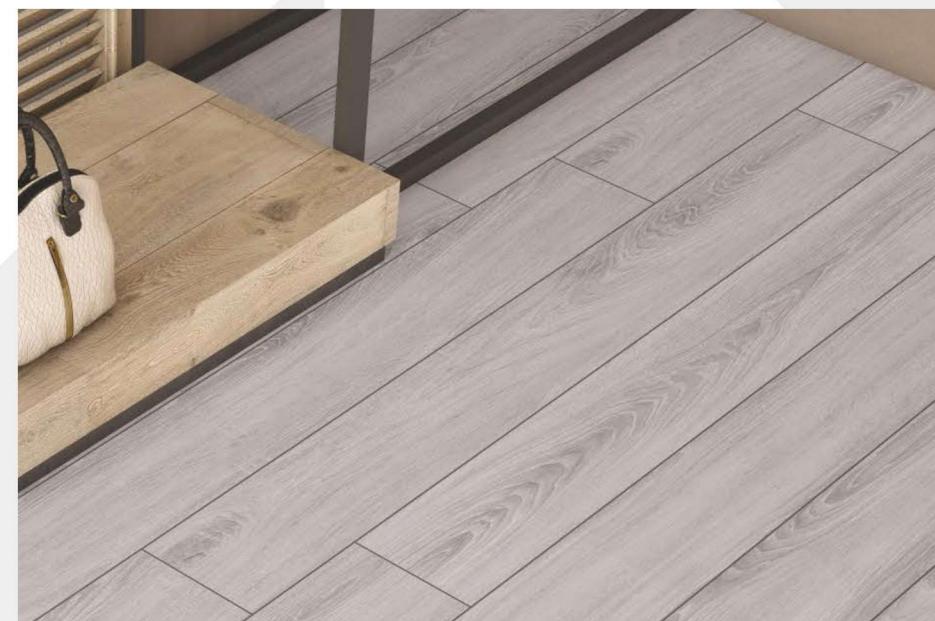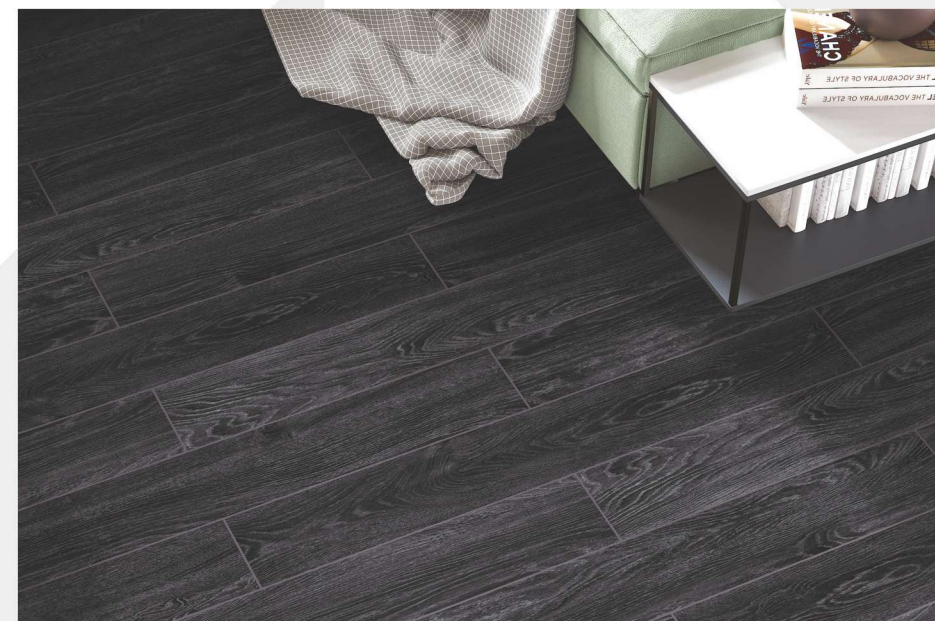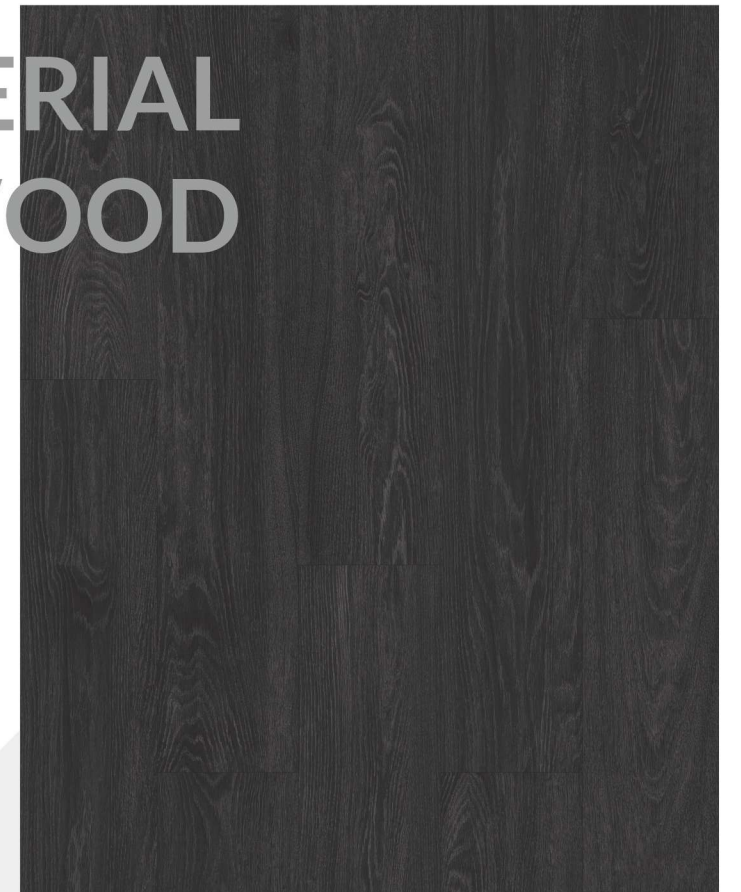4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT
OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

CROWNSTONE GREY

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
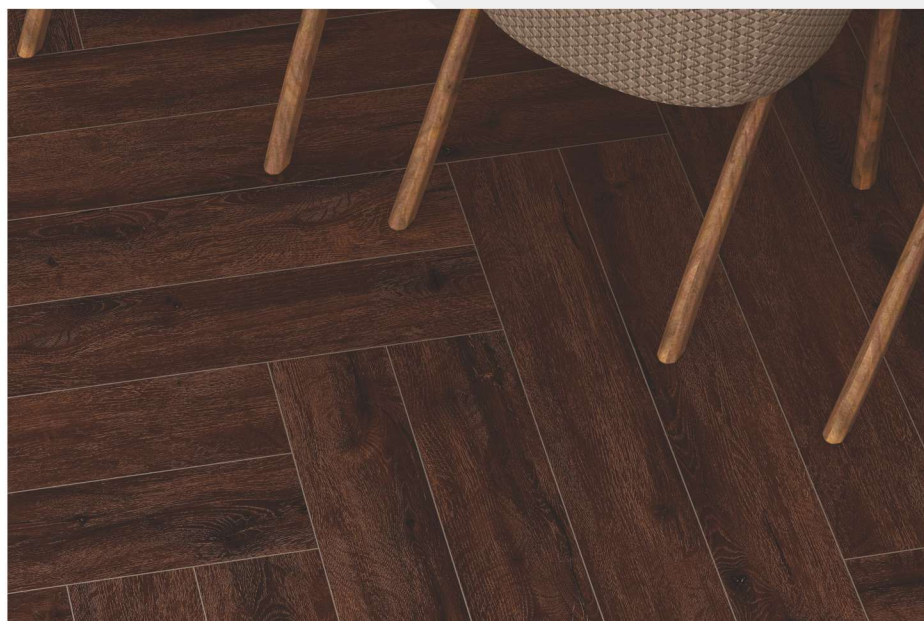1.0 mm & 1.5 mm

NETRA
FLOORING

KING'S COURT WALNUT

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT
OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

QUEEN'S CREST OAK

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING
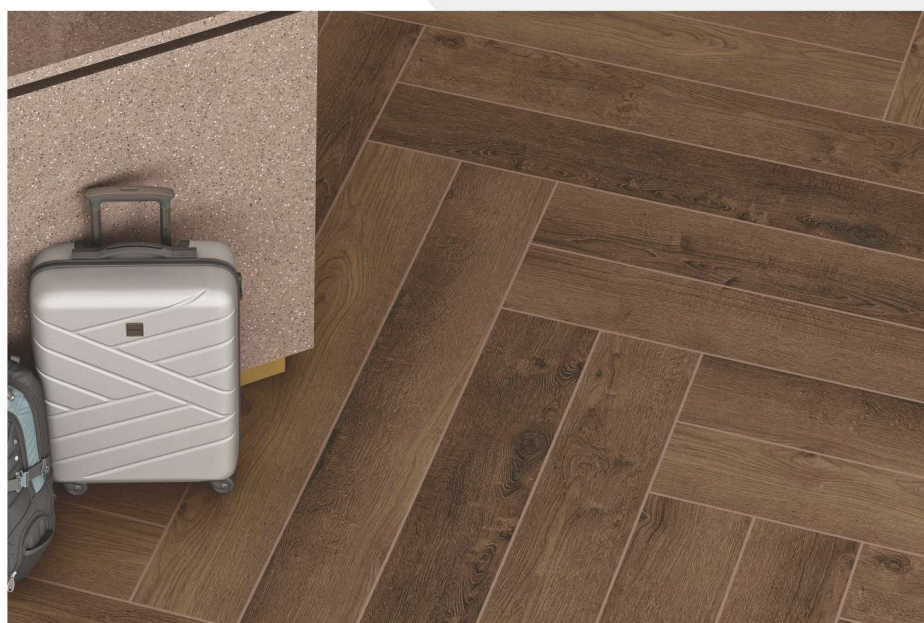
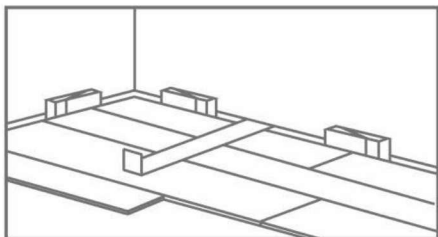# GRAND MONARCH WALNUT

SIZE
7" x 48"
7" x 60"

THICKNESS
4.0 mm
5.0 mm
5.5 mm

UNDERLAYMENT
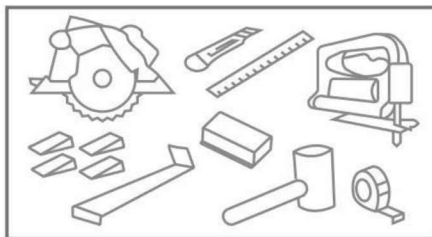OPTION
1.0 mm & 1.5 mm

NETRA
FLOORING

Installation Process

Preparation

Tools needed: spacers, utility knife, tape measure, l-square and, if needed, a handsaw and tools for repair/preparation of the subfloor. The SPC floor is made to be installed floating without being glued or nailed down: use the Spacing wedges to leave an open

expansion space of about 8 mm around the perimeter and any fixed objects. The floor must be able to move freely – do not connect or install securely to any part of the building. Measure the area where the floor will be installed, making sure to consider the perimeter
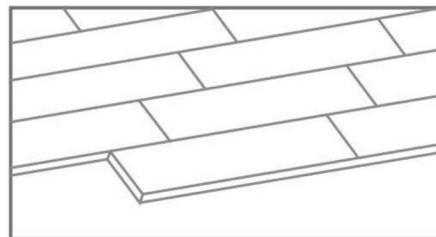
expansion space of 8mm, and decide the direction for installation.It is recommended to install the slats along the length direction of the boards, parallel to the Main direction of light. In narrow corridors,install the floor parallel to the long side.

Laying
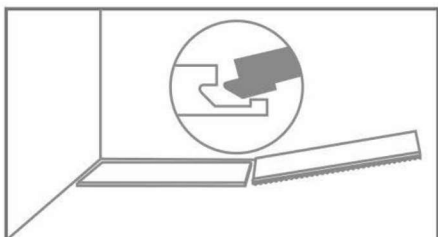
Start laying the floor in the left corner. Place an 8 mm spacer against the left wall and position the board against the spacer with the groove side exposed. Press the next plank into a corner so that the short side tab lines up with the short side groove of the first plank. Then lay it down. Continue the first line
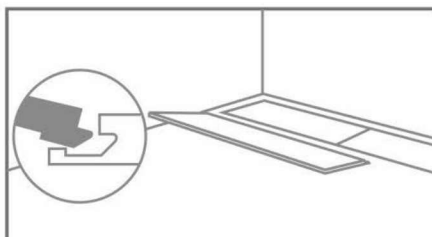
like this. At the end of the first row, place an 8 mm spacer against the wall and measure the distance to get the length needed for the last plank. To cut, align a square (with an L- shaped right angle) to the edge at the mark where you would like to cut Make a mark along the edge of the L-square to
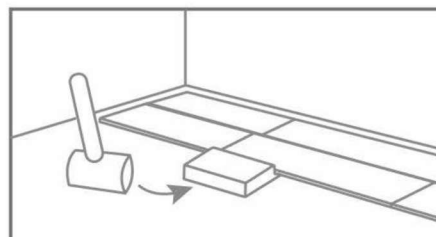
"mark" the board. Then cut along the line with a blade / saw to separate into two pieces. For the installation of the second row it is recommended to start with a board with a length equal to 2/3 of its extension.

First use and maintenance

After being laid, the floor needs a final cleaning before arranging the furniture. Wipe surface with a damp cloth, warm water and natural detergent. It is not recommended to drag heavy objects on
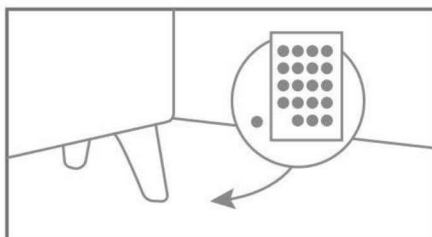
the newly laid surfaces, especially without the use of a special felt pads. To clean SPC vinyl surfaces daily, just treat the floor like any other, sweeping it with a broom or vacuum cleaner
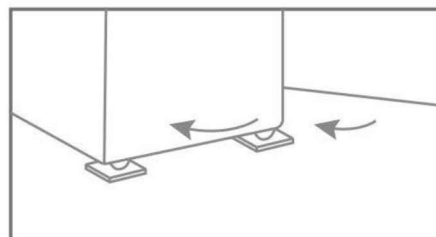
frequently and working it normally. It will not be treated like real wood: do not use dust-catching detergents or special waxes, as they will have no effect on the surface.

Technical Details

CHARACTERISTICS	STANDARDS			
	EN	Result	ASTM	Result
Size	EN 427	Pass	ASTM F536	Pass
Overall Thickness	EN 428	Pass	ASTM F36	Pass
Wear Layer Thickness	EN 429	Pass	ASTM F410	Pass
Dimension Squareness and Straightness	EN 427	Pass Squareness:0.8mm Straightness:0.07mm		
Chemical Resistance	EN 423	Pass	ASTM F925, ASTM F1344	Pass
Colour Fastness to Artificial Light	EN20105:B02 Method A	Pass,> Grade 6	ASTM F1515	Pass
Heat Stability by Color Change			ASTM F1514	Pass
Castor Chair Suitabiliy	EN 425	Pass		
Residual Indentation	EN 433	Pass,0.06mm	ASTM F1914, ASTM F970	Pass
Abrasion Group	EN 660-1/2	Group T	ASTM F510, ASTM D3384	Pass
Impact Resistance			ASTM F 1265, ASTM D2632	Pass
Dimensional Stability	EN 434	Pass	ASTM F2199	Pass,0.1%
Sound Reduction	ENIS0717-2(ΔLw)	2 dB		
Flexibility	EN 435 Method A	Pass		
Slip Resistance	EN 13893	Class DS	ASTM F137	Pass
Electrical Resistance	EN 1081 Method C	Pass	ASTMD2047-93	Pass
Thermal Resistance	EN 12664	Pass	ASTM F150-06	Pass
Toxic Element Test	EN 71-3	Pass. Not toxic. Does not contain heavy metal and formaldehyde		
Behaviour to Fire	ENIS011925-2 EN13501-1 EN ISO 9239-1		ASTM E648- 06	Pass
Smoke Density		Bf1-S1	ASTM E662	Pass,<450