

SPC Flooring Catalog



alupedia

The Advantages Of **SPC Flooring**



Waterproof

One of the primary benefits of SPC (Stone Plastic Composite) flooring is its waterproof nature. SPC flooring is made up of a core of stone plastic composite material, which is highly resistant to water and moisture. This means that SPC flooring is not only suitable for use in high-traffic areas, but it is also ideal for use in areas that are prone to moisture, such as kitchens and laundry rooms. SPC flooring is designed with a unique locking system that creates a tight, seamless seal between the planks, preventing water from seeping through the gaps. The surface of SPC flooring is also coated with a waterproof layer, which provides an extra layer of protection against water damage.



Easy Installation

Click-lock SPC installation is the easiest for first timers who wish to go for diy. This method is sometimes known as floating method. To apply click-lock or floating method, your SPC plank must come with the long and short side design. So both planks can be click together and form a firm grip.



Durability

One of the main benefits of SPC flooring is its exceptional durability. SPC flooring is made of a mixture of natural limestone powder, polyvinyl chloride (PVC), and stabilizers. The combination of these materials creates a flooring material that is incredibly strong and can withstand heavy traffic without showing signs of wear and tear. Unlike traditional vinyl flooring, which can be easily scratched or dented, SPC flooring is resistant to scratches and dents.



Low Maintenance

One of the primary benefits of SPC (Stone Plastic Composite) flooring is its low maintenance requirements. Unlike other flooring options, SPC does not require any special cleaning products or treatments. It can be cleaned with just a damp mop or cloth. SPC flooring is highly resistant to scratches, stains, and water damage, making it an ideal choice for high-traffic areas such as kitchens, bathrooms, and entryways. The surface of SPC flooring is also resistant to fading, so it can maintain its original appearance for years to come. Another advantage of SPC flooring is that it is easy to maintain. Regular sweeping or vacuuming can help to remove dirt and debris from the surface, and spills can be wiped up quickly and easily to prevent staining. SPC flooring also has a protective layer that helps to prevent dirt and grime from getting trapped in the surface. This layer helps to keep the flooring looking clean and new even after years of use



Comfort

The SPC floor feel cushioned and sturdy under foot as compared to a traditional vinyl because of the thickness and dense core. SPC have attached underlayment that adds comfort to the softness under foot



Aesthetically Pleasing

SPC flooring comes in a wide range of styles, colors, and patterns, making it easy to find the perfect match for your home or business. It can mimic the look of hardwood, tile, or stone, giving you the aesthetic appeal of those materials without the high cost and maintenance.



Economica

SPC flooring is a cost-effective option compared to other types of flooring, such as hardwood, tile, or carpet. It is also more affordable than other types of vinyl flooring, such as luxury vinyl tile (LVT) or engineered vinyl plank (EVP). Additionally, its easy installation process means that you can save money by installing it yourself, rather than paying for professional installation.



What is SPC?

SPC (Stone Polymer Composite) Technology

- 100% waterproof, formaldehyde-free, eco-friendly.
- Made from limestone powder (calcium carbonate) and PVC.
- Mimics wood or natural stone textures realistically.

SPC rigid core flooring combines the strength of stone and the beauty of wood or natural stone / marble.

SPC stands for Stone Polymer Composite, the main component - the SPC core is a lime stone (calcium carbonate). SPC flooring is a formaldehyde-free and has no plastic or chemical elements inside, unlike traditional vinyl flooring.

Discover the next level of flooring innovation with Altim's SPC (Stone Plastic Composite) flooring solutions. Engineered for excellence, SPC flooring combines the durability of stone with the flexibility of PVC to create a surface that is both robust and aesthetically pleasing. Its water-resistant properties make it perfect for any room, from high-traffic areas to wet environments, ensuring long-lasting performance and easy maintenance. With a wide range of stylish designs, Altim SPC flooring adds a touch of sophistication to your space while standing up to everyday wear and tear. Choose Altim for a flooring solution that offers superior strength, unparalleled comfort, and effortless elegance.

Altim manufactures various SPC types from economic to premium with different thickness and color ranges.

UNILIN Locking Technology

alupedia

Layers

- **1 UV Coating:** Ensure superior stain-resistant and waterproof performance, saving maintenance cost.
- **Wear Layer:** Restore the authentic color and embossing, protecting it from abrasion.
- **Decorative Layer:** Whether you prefer natural wood or stone textures, we offer a variety of pattern choices to showcase your unique style.
- SPC Core Layer: Prevents expansion and contraction of the flooring and covers subfloor imperfections.
- 5 IXPE: Provides better sound absorption and a comfortable underfoot feeling.





alupedia

About Us

The perfect harmony of modern technology and natural materials comes to life in every detail of our parquet. In our factory, high quality raw materials are meticulously processed into durable, aesthetic and environmentally friendly parquet. Each parquet is carefully produced by our expert teams, bringing the beauty of nature into your homes. With its sustainable production approach, our factory aims to offer products that are both environmentally friendly and long-lasting. Here, each parquet tells a story and each floor becomes a work of art.

- ◆ **Technology:** Production with state-of-the-art machinery.
- Quality: High quality raw materials and rigorous quality control processes.
- Sustainability: Environmentally friendly production and recyclable materials.































alupedia

Antibacterial SPC Flooring:

Meeting Point of Health and Hygiene



Antibacterial Protection for Healthier Living Spaces

While SPC (Stone Plastic Composite) floors are known for their durability and aesthetics, they also offer an extra layer of safety to your living spaces with their antibacterial properties. This innovative technology protects the health of both you and your loved ones by preventing the formation of bacteria on your floors. Antibacterial SPC parquets make it difficult for microorganisms to adhere and multiply thanks to their special surface coatings. Thus, it is now much easier to create a hygienic environment in your home or workplace.





The Power of Hygiene: How Does Antibacterial Technology Work?

Antibacterial SPC parquets prevent the growth of bacteria with special substances and coating techniques used on their surfaces. This feature ensures that the parquet not only looks beautiful, but also offers a healthy flooring solution. It is an ideal choice especially for families with children, pet owners or high-traffic commercial areas. The surface of the parquet minimizes the areas where bacteria can attach and maintains hygiene for a long time with its easy-to-clean structure.



Antibacterial Protection for Healthier Living Spaces

While SPC (Stone Plastic Composite) floors are known for their durability and aesthetics, they also offer an extra layer of safety to your living spaces with their antibacterial properties. This innovative technology protects the health of both you and your loved ones by preventing the formation of bacteria on your floors. Antibacterial SPC parquets make it difficult for microorganisms to adhere and multiply thanks to their special surface coatings. Thus, it is now much easier to create a hygienic environment in your home or workplace.



The New Standard of Hygiene

Antibacterial SPC parquets are a floor solution that responds to the needs of modern life. While it does not allow bacteria with its advanced technology, it also beautifies your spaces with its stylish design. For those who want to step into a healthy future, these floors are both a practical and reliable option. You can experience hygiene and comfort together by meeting our SPC floorings.



Why Choose Antibacterial SPC Flooring?

Health Priority: It offers a safer living space by preventing the formation of bacteria.

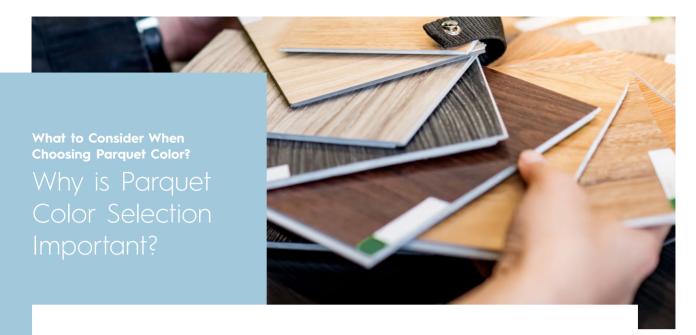
Easy Cleaning: Stains and dirt are easily cleaned thanks to its antibacterial surface.

Long Life: With its durable structure and hygienic feature, it maintains its first day performance for years.

Versatility: It can be used in all kinds of places from humid areas to heavy traffic.

The Perfect Harmony of Aesthetics and Hygiene

Antibacterial properties are not the only advantage of SPC floorings. Enriched with natural wood and stone patterns, these floors add an elegant touch to your spaces. Antibacterial protection is offered without compromising on aesthetics, so you get both an eye-catching design and a clean environment. From offices to schools, hospitals to homes, these floorings combine hygiene and elegance.



The floor is one of the biggest elements that determine the soul of a space. The wide range of colors offered by SPC parquets gives you the chance to make both an aesthetic and functional choice. So, what should be considered when choosing the color of the parquet? The size of the room, the light, the style of your furniture and the atmosphere you want to create are the cornerstones of this decision. Each color offers its own energy and advantages; the important thing is to find the one that best suits your needs.

What are the Meanings of Colors?

Light Tones (White, Light Gray, Beige):

Gives a feeling of spaciousness and peace. They make small rooms look bigger and add a modern feel. It keeps your space bright by reflecting natural light.





Natural Wood Tones (Oak, Walnut):

Evokes a feeling of warmth and naturalness. They offer timeless elegance and blend in with almost every style of decoration.

Dark Tones (Dark Brown, Anthracite, Black):

Creates a strong and sophisticated effect. They create a dramatic atmosphere in large spaces and provide a great contrast with modern designs.





Gray Tones:

Gives a sense of calm and balance. It goes well with both classic and contemporary decor, and its neutral nature makes your furniture stand out.

Which Color to Choose for Which Purpose?

To Expand Small Spaces: Light tones are ideal. White or light gray SPC floors reflect light, making your room look more spacious and wider. The advantage is that it creates a spacious feeling even in tight spaces.

For a Warm and Inviting Ambience: Choose natural wood tones such as oak or walnut. These colors provide a peaceful atmosphere in intimate spaces such as the living room or bedroom. Moreover, they are less likely to show scratches and dust.

For a Modern and Stylish Touch: Dark tones or gray parquet are a great choice. Combined with minimalist furniture, they add sophistication to your space. The advantage of dark colors is that they create a bold style.

For a Versatile and Flexible Floor: Neutral colors such as mid-tone gray or beige easily adapt to decorating changes. These tones can be combined with both simple and eye-catching accessories.

Which Color is Right for You?

There is no right or wrong when choosing a parquet color; there is only what is best for you. You can make a fresh start with light tones, build a cozy home with natural tones or create an assertive style with dark colors. The durability and aesthetics of SPC flooring will support your every choice for many years to come. Which color would you like to tell the story of your space?

alupedia

100% Waterproof SPC Flooring: Say Goodbye to Moisture!



Why is waterproofing so important?

Waterproofing flooring is a milestone in terms of both durability and ease of use. SPC (Stone Plastic Composite) flooring surpasses the limits of traditional flooring with its 100% waterproof structure. Water spills, humid environments or unexpected accidents are no longer a concern. This feature offers confidence and comfort in every space, from homes to commercial areas.



De-stress: Live freely without fear of water damage. Peace of mind even if your children or pets spill.

Hygiene Guarantee: It prevents the formation of mold and bacteria in humid environments and offers a healthy living space.

Easy Maintenance: Simply wipe with a wet cloth; no need for special cleaning products.

Long Life: Thanks to its water-resistant structure, your parquets do not wear out and maintain their newness for years.

The Power of Technology: How is 100% Waterproofing Achieved?

SPC parquet is produced with the perfect combination of stone and plastic components. This innovative structure completely prevents water from penetrating into the parquet. The special coating on the surface prevents liquids from accumulating and makes cleaning a breeze. This technology ensures that your parquet will remain as good as new for years to come, with no risk of swelling, cracking or deformation.



100% Confidence in Every Space

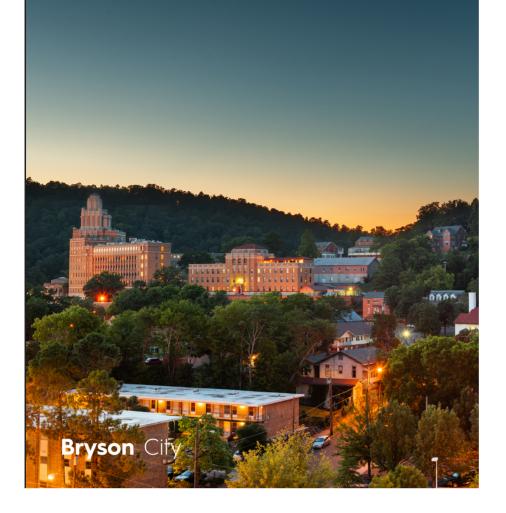
SPC flooring is a savior for areas that have trouble with moisture. A spilled glass of water in the kitchen, splashes in the bathroom or moisture in the laundry room... 100% waterproof SPC flooring maintains its performance even in these challenging conditions. It also makes a difference with its durability in heavily used areas such as **restaurants**, **hotels or schools**. Water is no longer the enemy of your floors!

Why 100% Waterproof SPC Flooring is a Necessity?

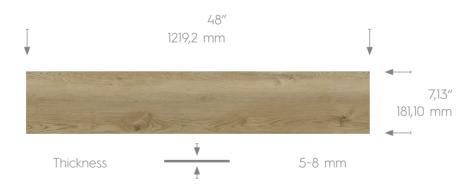
Water is one of the biggest enemies of floors. While traditional parquet is damaged when exposed to moisture, SPC parquet solves this problem once and for all. This feature is especially indispensable in humid climates or in rooms that come into frequent contact with water. With SPC floors, you save both your money and your mind, because these floors are installed once and last a lifetime.







Inspired by the small and peaceful town of Bryson City, North Carolina. It contains warm tones in harmony with nature.



100% WATERPROOF RIGID CORE FLOORING

















alupedia

High Dens

UFH

Pet

Antibacterial









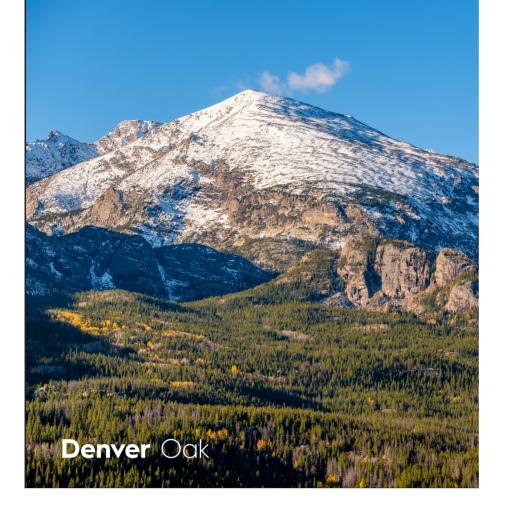




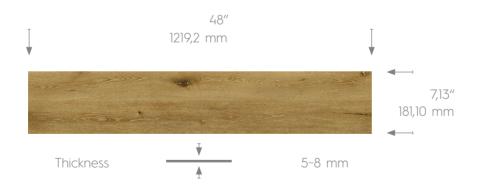








It reflects the natural atmosphere of Denver, located at the foot of the Rocky Mountains. Natural, calm and balanced.





















Antibacterial

















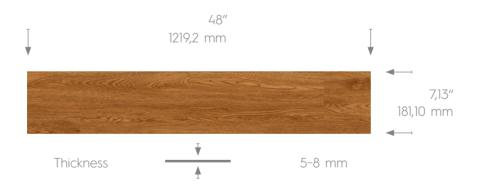








Inspired by the historical stone structures in Volterra, Italy. It stands out with the timelessness of natural stone white.



100% WATERPROOF RIGID CORE FLOORING



Antislip















Antibacterial



alupedia











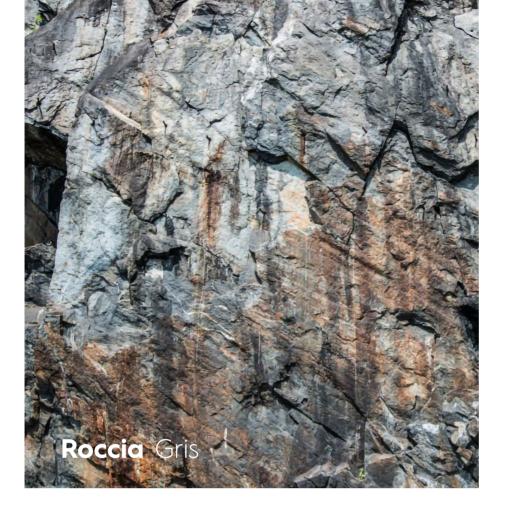




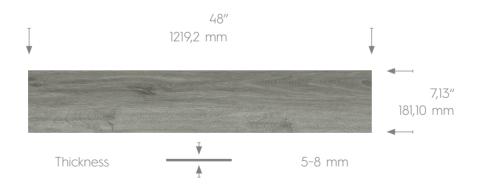








Italian for "rock gray". It is a strong option for modern stone-look surfaces.



100% WATERPROOF RIGID CORE FLOORING

















Antibacterial

Antislip

Sound Absorbent

Moistu Resistar

sistance







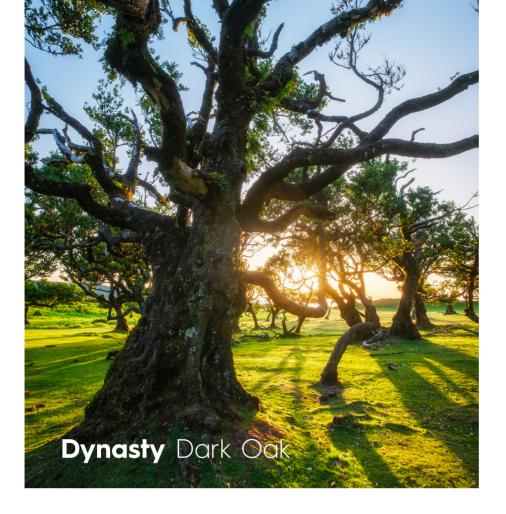




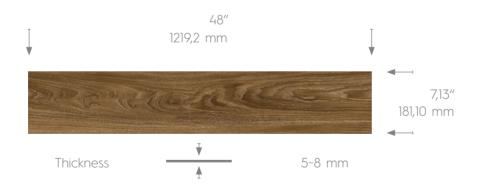


alupedia





For those looking for a powerful and prestigious look. Dark oak tones are a symbol of elegance and authority.



















Pet

Antibacterial















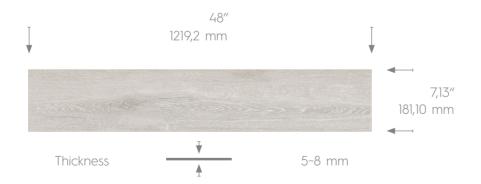








The modern face of New York reflects Manhattan's steel buildings and urban dynamism. Ideal for industrial and contemporary interiors.



100% WATERPROOF RIGID CORE FLOORING



Antislip















alupedia

Sound Absorbent

Antibacterial









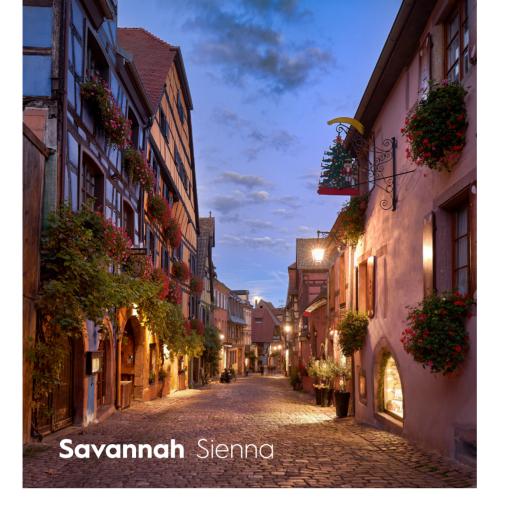




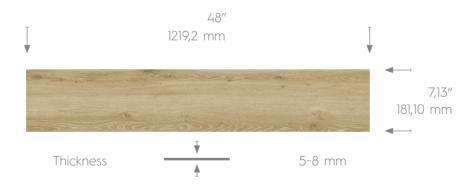








Inspired by the historic architecture and earth tones of the city of Savannah. It attracts attention with its natural warmth and nostalgic atmosphere.



















Antibacterial







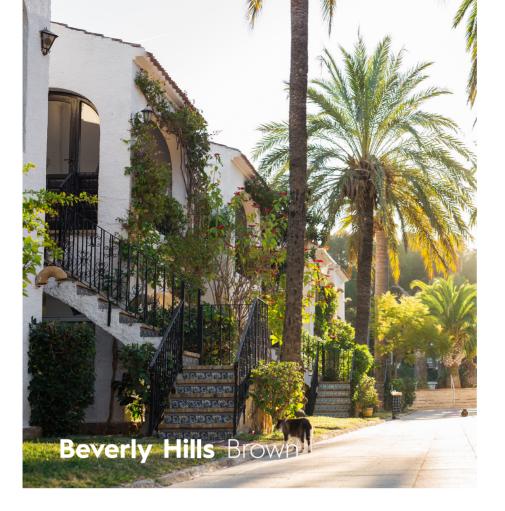












It represents the elegant lifestyle of Beverly Hills, the luxurious and chic neighborhood of Los Angeles. Brown tones offer a sophisticated and exclusive touch.





































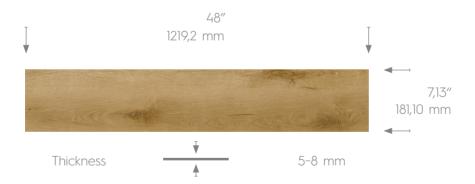








The famous maples and autumn leaves of the forests of Vermont in eastern America are the inspiration. It offers a warmth in touch with nature.



































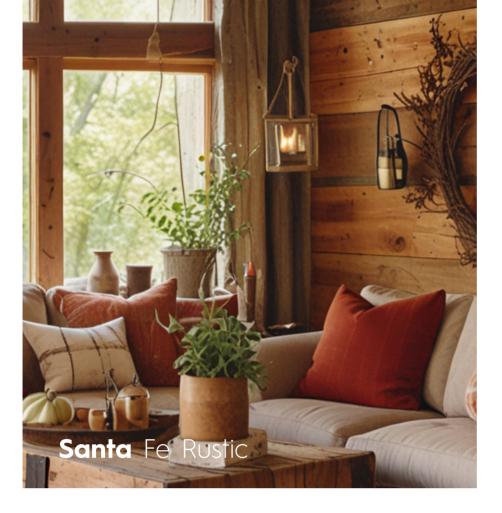












Inspired by the traditional Santa Fe houses of the American Southwest. The warmth of wood textures combines with the naturalness of earth tones. It adds an authentic and warm character to the space.



















Antibacterial















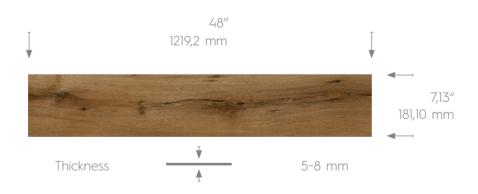








It gives the nostalgia of rural life. It creates a warm and cosy atmosphere with its aged wood textures.



100% WATERPROOF RIGID CORE FLOORING

















alupedia

Antibacterial



Sound Absorbent









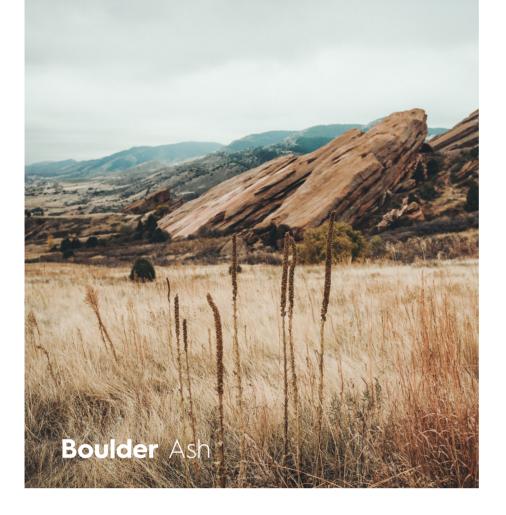




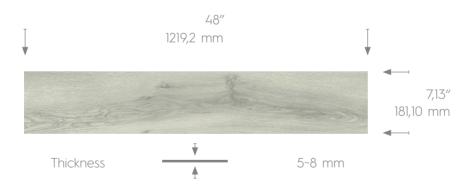








Inspired by the rock cities of Colorado. The cold gray tones represent the strength and simplicity of the mountains.



















Antibacterial

















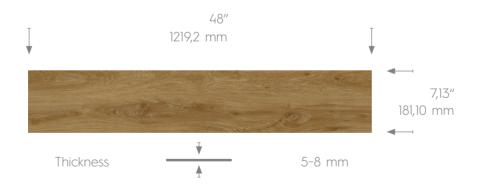








It is open and light textured with a Caribbean breeze. It is a spacious option that reflects the seaside life.



100% WATERPROOF RIGID CORE FLOORING

















Antibacterial

Antislip

Sound

Moisture Resistanc

) (





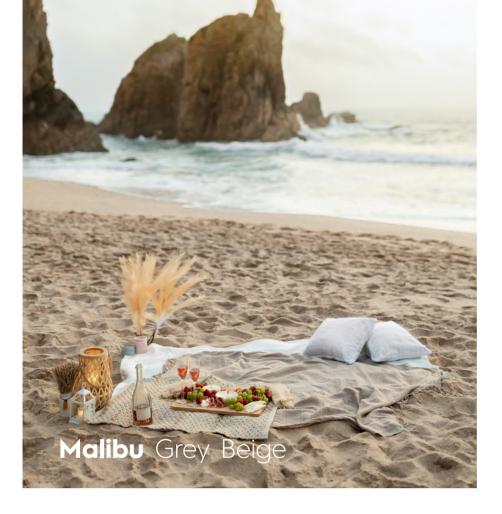




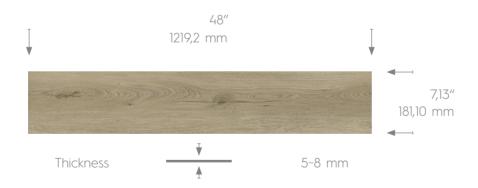








It combines warm beige and soft gray tones with the elegant beaches of Malibu. It offers luxury and simplicity together.



100% WATERPROOF RIGID CORE FLOORING

















Antibacterial

Pet









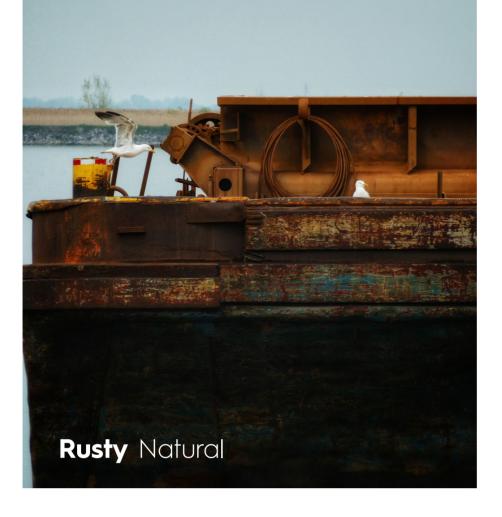




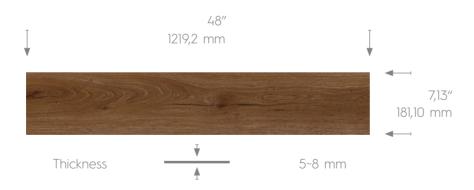








It reflects natural surfaces and rusty textures that become beautiful over time. It offers a raw, natural and bohemian character.



100% WATERPROOF RIGID CORE FLOORING





Sound Absorbent













Antibacterial













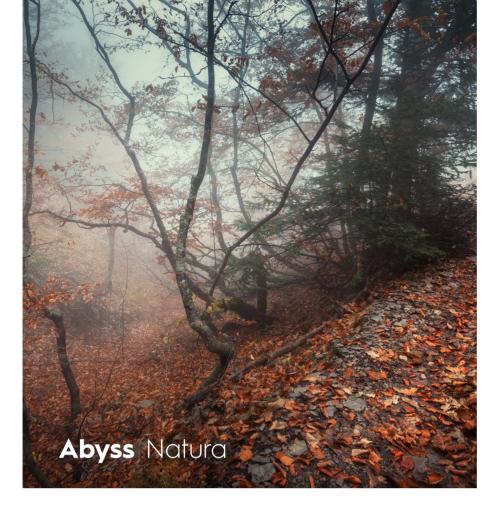












It carries mysterious dark tones from the depths of nature. Ideal for a modern and striking look.



100% WATERPROOF RIGID CORE FLOORING

















Antibacterial



Sound







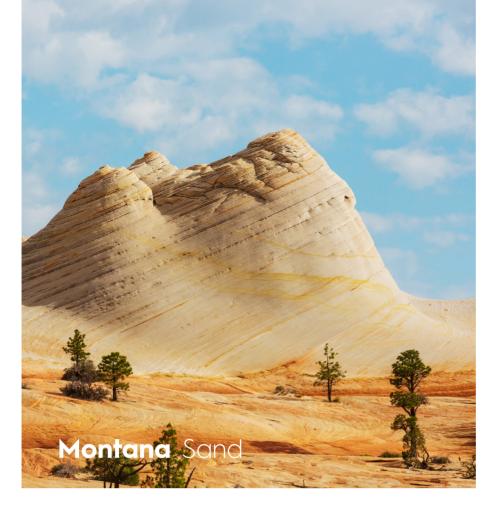




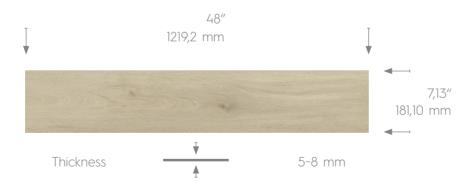








It carries the soft sand tones of the American prairies. It creates a natural, simple and free atmosphere.



100% WATERPROOF RIGID CORE FLOORING

















Antibacterial















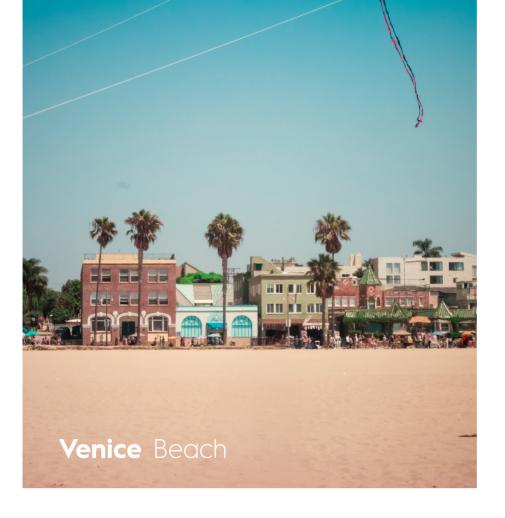




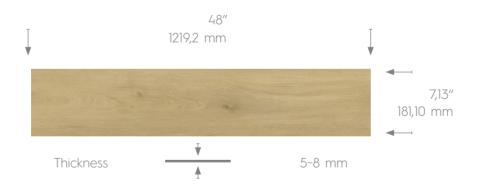








It is the symbol of a colorful, free and energetic lifestyle. It brings California beach culture to your home.



100% WATERPROOF RIGID CORE FLOORING

















Antibacterial

Sound Absorbent















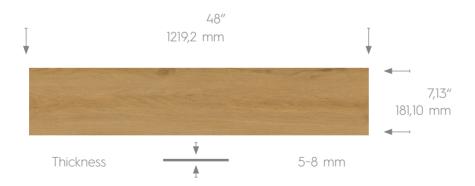








A reference to the glamorous nightlife of Las Vegas. Dark brown tones create a dramatic and striking atmosphere.



















nsity UFH

Pet

Antibacterial











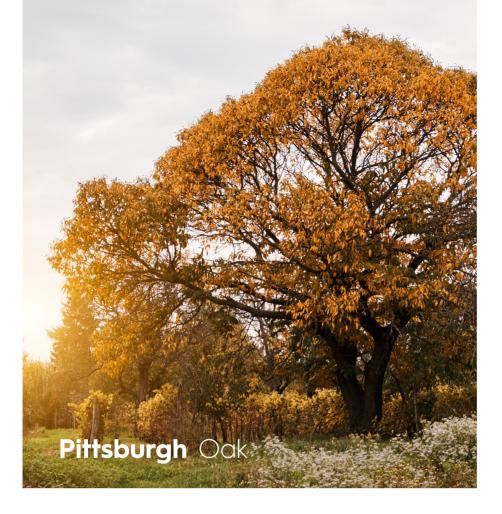




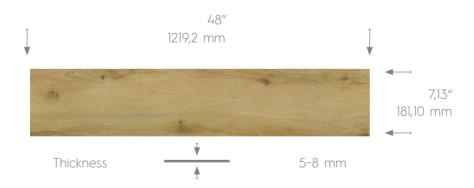


alupedia





Inspired by the rugged and characterful nature of Pittsburgh with its industrial history. It offers strong wood tones.



100% WATERPROOF RIGID CORE FLOORING





Sound Absorbent













UFH Compatible



Antibacterial











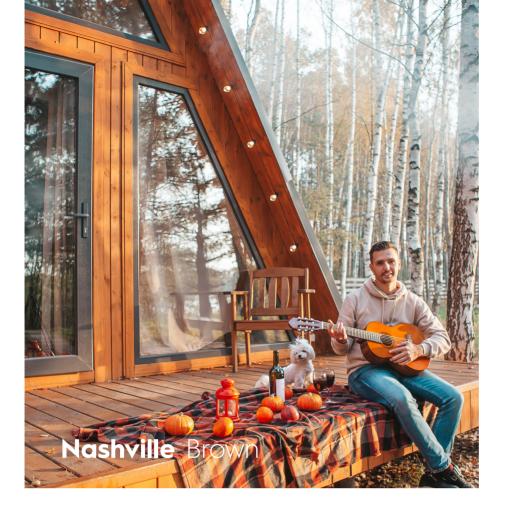




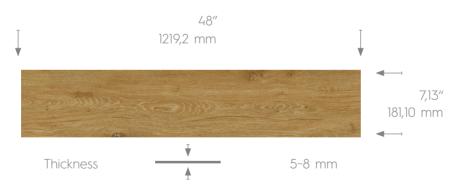








Inspired by the natural, simple and warm atmosphere of Nashville, the heart of country music. It brings naturalness to your home with the timeless warmth of wood.



















Antibacterial

















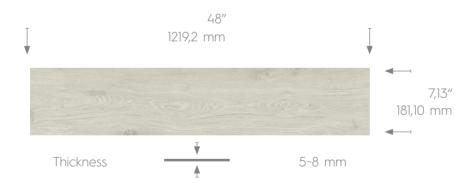








Inspired by the cloudy and cool weather on the Newport coast. It is a fresh, soft and peaceful color tone.



















Antibacterial



Sound Absorbent











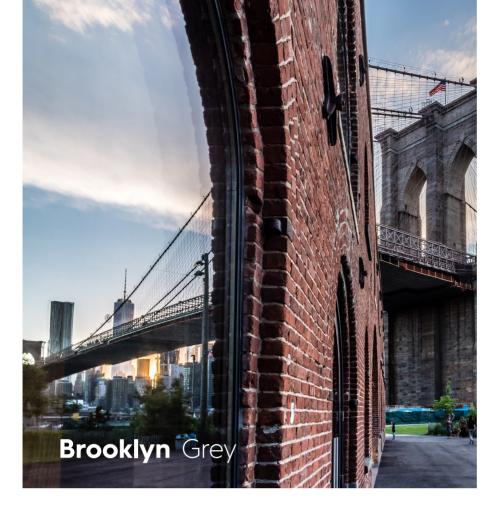




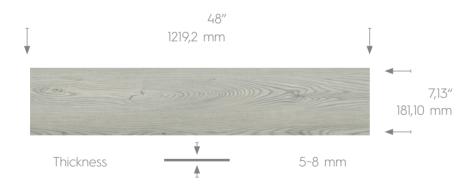
alupedia







Inspired by the creative and bohemian atmosphere of Brooklyn. It offers a fresh and urban style with its light gray tones.



100% WATERPROOF RIGID CORE FLOORING

















Antibacterial









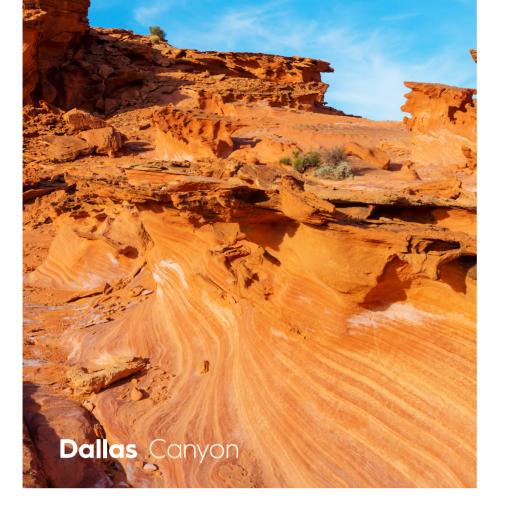




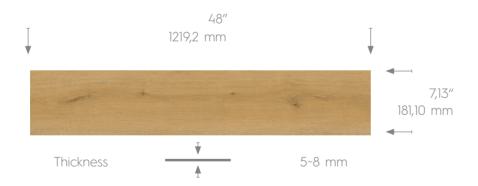








Inspired by the massive canyons and red cliffs of Texas. It has strong, energetic and assertive tones.



















Antibacterial













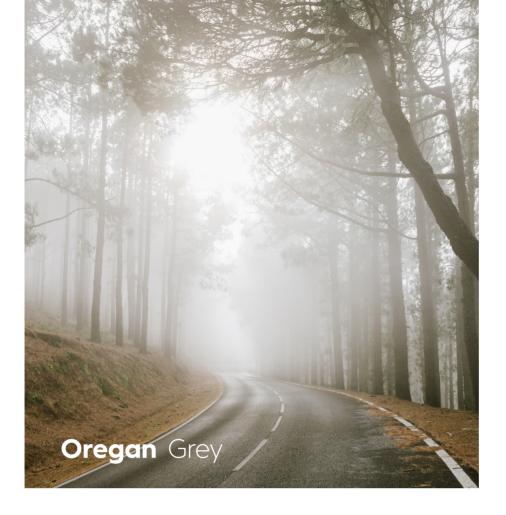




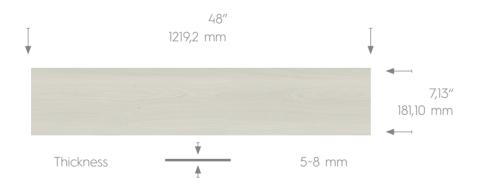
alupedia



Oregan Grey



Inspired by the misty forests and calm skies of the Pacific Northwest. It is a modern, simple and sophisticated shade of gray.



















ity UFH

Pet

Antibacterial











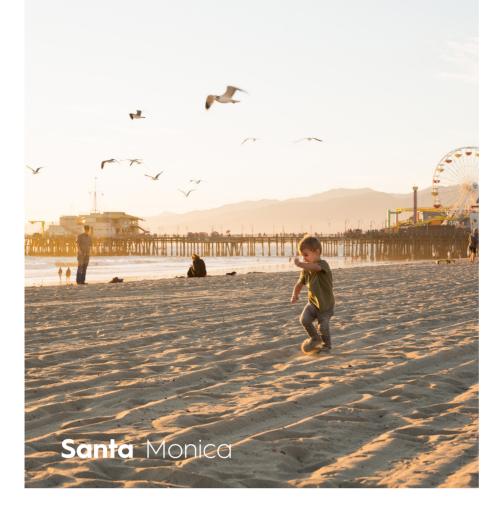




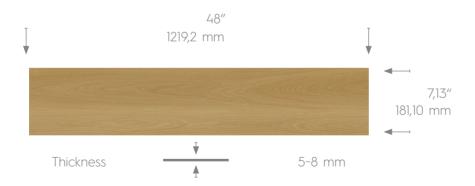


alupedia





It carries the fresh, relaxing air of the California coast. With its light tones, it adds a coastal breeze to the space.



100% WATERPROOF RIGID CORE FLOORING

















Density UFH

Pet Friend

Antibacterial









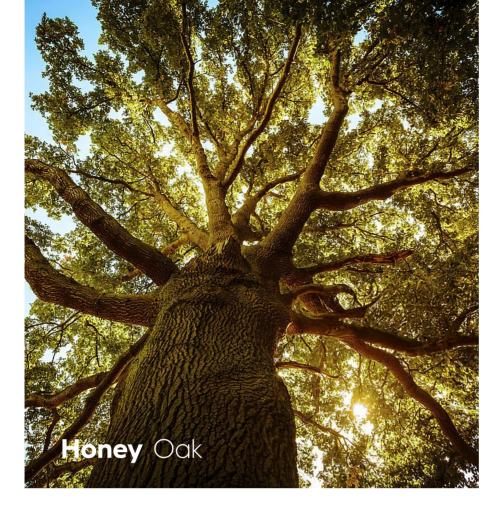




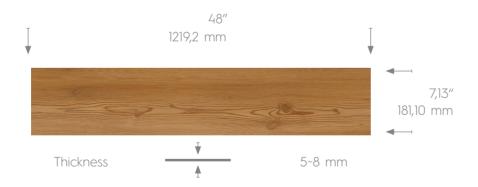








Natural honey-colored oak tones create a warm, inviting and peaceful atmosphere.



100% WATERPROOF RIGID CORE FLOORING

















Antibacterial





















Cape Lookout



Malibu Grey Beige



Rusty Natural



Abyss Natura



Venice Beach



Vegas Brown



Brooklyn Grey



Oregan Grey



Santa Monica



Bryson City



Denver Oak



Volterra Blanca



Roccia Gris



Dynasty Dark Oak



Manhattan Steel



Savannah Sienna



Beverly Hills Brown



Vermont Maple



Santa Fe Rustic



Vintage Farmhouse



Honey Oak



Pittsburgh Oak



Nashville Brown



Newport Cloud

Technical Details

| CHARACTERISTICS | STANDARTS | | | |
|--|--|---|-------------------------|-----------|
| | 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 |

