

 NUVAUX

SPC Flooring System



NUVAUX



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DISCOVER THE BENEFITS OF **S P C** **FLOORING** FOR INTERIOR DESIGN

REVOLUTIONARY ECO-FRIENDLY FLOORING SOLUTION

SPC (Stone Plastic Composite) flooring is a cutting-edge and eco-friendly flooring material that has revolutionized the industry with its remarkable features and sustainability. As the world embraces the era of sustainable development and environmental consciousness, SPC flooring emerges as a frontrunner in the quest for eco-friendly home improvement solutions.

As a result of its exceptional characteristics, SPC flooring has garnered immense popularity in developed regions like Europe, the United States, and the Asia-Pacific market. Its appeal extends to high-end customers worldwide, who seek a sustainable and durable flooring solution that does not compromise on style and aesthetics.

SPC flooring stands as a testament to the progress of eco-friendly technology in the flooring industry. With its recyclable nature, zero formaldehyde emission, and outstanding durability, SPC flooring remains at the forefront of sustainable flooring choices, contributing to the protection of our planet's natural resources and ecological well-being.



TEST REPORT & CERTIFICATE

HIGHLIGHTED BENEFIT & TECHNICAL DATA



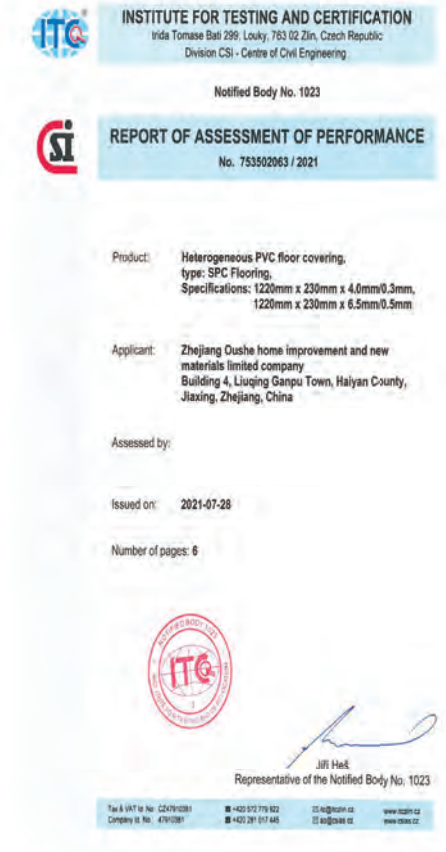
ISO 9001 Certificate



Intertek Certificat



Test Verification of conformity



NB Report



ITEM	STANDARD	RESULT	TEST ITEM	TEST STANDARD	TEST RESULTS
Side Length	ISO 24342	Pass	Slip Resistance	EN 13893	Class D5
Squareness	ISO 24342	Pass	Formaldehyde	EN 717	E1
Straightness	ISO 24342	Pass	Sip Resistance	ENS 09239-1	Class S1
Overall Thickness	ISO 24346	Pass	Formaldehyde	ENS 09239-1	Class B
Total Mass Per Unit Area(average)	ISO 23997	Pass	Slip Resistance	ENS 011925-2	Class B
Dimensional Stabity After Exposure	ISO 23999	Pass	Formaldehyde	EN 13501-1	Bf1-s1
Curling After Exposure To Heat	ISO 23999	Pass	Slip Resistance	EN 13329	Class 23/43
Flexibility	ISO 24344 Method A	Pass	Resistance to Stain	EN 423	Resistant
Residual Indentation	ISO 24343-1	Pass	Chemical Resistance	EN 423	Resistant
Color Fastness To Artificial Light	ISO 105-B02	Pass	Demensional Stability	EN 434	X Direction:-0.04% Y Direction:-0.02%
Thickness Of Wear Layer	ISO 24340	Pass	Curing afer Exposure to Heat	EN 423	~0.01mm
Abrasion Group	EN 649	Pass	Wear Resistance	EN 660-2	Group T
Abrasion Resistance	EN 660-2	Pass	Residual dentation	EN 433	~0.03mm
Flammability	EN 13501-1	Pass	Chair Caster	EN 425	Typ W
Dynamic Coefficient Of Friction	EN 13893	Pass	Color Fastness	ISO 105-B02	>=6
Slipperiness-Oil-Wet Ramp Test	DIN 51130	Pass			
Thermal Conductivity	EN 12667	Pass			
Water-Tightness	EN 13553	Pass			
Caster Chair Test	ISO 4918	Pass			

PRODUCT STRUCTURE

Nuvaux SPC is a new type of environmentally friendly flooring developed based on high technology, with zero formaldehyde, mould, moisture, fire and insect resistance, easy installation, etc. SPC flooring adopts a hot pressing process, no glue, no heavy metals, phthalates, methanol and other harmful substances, in line with EN14372, EN6 49-2011, IEC62321, GB4085-83. 2011, IEC62321, G84085-83. With its excellent stability, environmental protection and durability, it can be used in various places such as home decoration, hotels, hospitals and shopping malls.

Thickness: 4mm - 8mm

Wear layer: 0.3mm - 0.7mm

Width x Length:

- 7.2" x 48" (183mm x 1220mm)
- 9" x 60.25" (230mm x 1530mm)



UV Coating 0.05~0.1mm

To enhance the surface wear-resistance feature, make it strong wear-resistance for heavy traffic or home using. The UV coating is another shield for the top layer of SPC flooring, it contains ceramic components and makes the surface scratch – resistant to different damage.

Wear Layer 0.3mm/0.5mm

The wear layer is a crucial component that determines the durability and quality of the SPC flooring. It is a transparent layer that sits atop the decorative layer, protecting it from wear, scratches, stains, and fading. A thicker wear layer provides better protection and ensures the flooring retains its appearance for a longer time.

Decoration film 0.05mm/0.1mm

The decorative layer is a high-definition print layer that replicates the appearance of various materials, such as wood, stone, or tile. It gives the SPC flooring its aesthetic appeal, allowing homeowners to choose from a wide range of designs and styles that suit their preferen

SPC core 3.4mm/ 6.4mm

The SPC core is the heart of the flooring, composed of a mix of natural limestone powder, PVC resin, and stabilizers. This core layer is responsible for the flooring's rigidity, stability, and ability to withstand heavy loads and foot traffic. The use of stone powder adds strength and dimensional stability to the flooring, making it less susceptible to expansion and contraction due to temperature changes.

IXPE/ EVA back layer 1mm/1.5mm

The bottom layer of SPC flooring is usually made of IXPE (Irradiated Cross-Linked Polyethylene) foam. This layer serves as an underlayment and provides various benefits, including sound absorption, cushioning, and insulation. It also helps to correct minor subfloor imperfections during installation.

WATERPROOF & MILDEW-PROOF EXCELLENCE

Step into a realm of flooring innovation that redefines your spaces through the remarkable powers of waterproofing and mildew resistance.

Waterproof Protection:

Elevate your surroundings with our cutting-edge SPC products, where waterproofing isn't just a feature – it's a promise. Embrace a lifestyle free from water-induced worries as spills, accidents, and moisture stand powerless against the resilient shield of our SPC flooring.

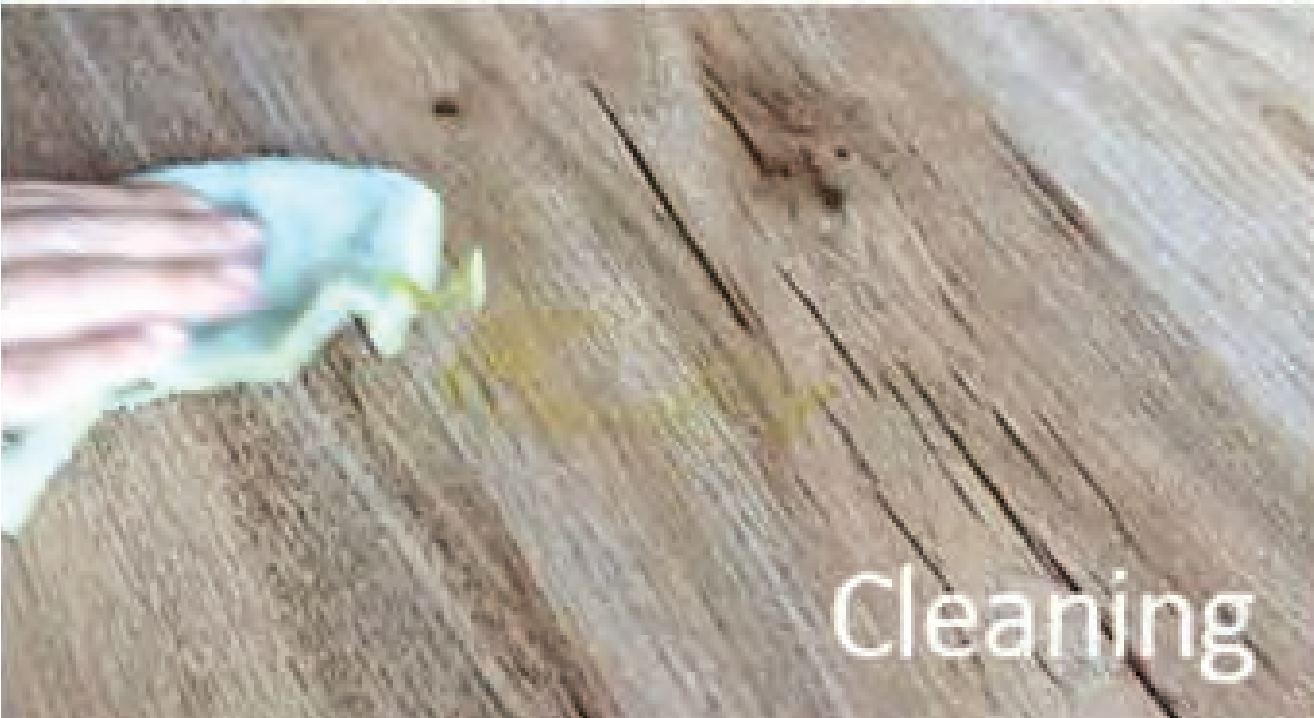
Banish Mildew:

Beyond just water resistance, our flooring is against the insidious invasion of mildew. With its robust composition, it denies mildew the opportunity to take root and spread, ensuring your space remains not only stunning but also hygienic and healthy.



ELEVATE SAFETY WITH FIRE-RESISTANT

Introducing our fire-resistant SPC flooring, where safety takes center stage. With a remarkable fire rating of B1, second only to stone, * 70% stone powder, 25% PVC. These are originally fire-resistant materials. Our flooring solution sets new standards in fire prevention. Feel secure in your space knowing that our SPC flooring is not just fire-resistant but also anti-burning, standing strong even in the face of potential fire hazards. Worried about cigarette butts or accidental sparks? Fear not, as our fire-resistant SPC flooring proves its mettle, ensuring your environment remains safeguarded and serene.





DEFYING SCRATCHES & WEAR

Our SPC flooring is designed to withstand the tests of time and everyday life. Say goodbye to worrying about scratches from your furry friends' playful antics or the inevitable scuffs from busy foot traffic. Our scratch-resistant technology creates a protective barrier that preserves the pristine beauty of your floors, ensuring they stay as good as new.

With wear-resistant properties that go the distance, our flooring is ready to face whatever life throws its way. From the hustle and bustle of daily routines to impromptu gatherings, your floors will maintain their allure without showing signs of wear. Trust in the durability of our SPC flooring, where scratches and wear become mere memories in the face of lasting elegance.



AND MORE...

Pet-Friendly:

The waterproof nature of SPC flooring makes them excellent choices for households with pets. Spills, accidents, and messes can be easily wiped up without worrying about water damage or staining the flooring.

Business-Friendly:

In commercial spaces like shops, restaurants, and offices, where foot traffic is high and spillages can occur, SPC and WPC vinyl flooring offer a durable and low-maintenance solution. Their water resistance adds to their longevity in these settings.

Resistance to Pollution:

The high polymer surface layers you mentioned contribute to the flooring's resistance to pollution and stains. This is especially beneficial in areas where there's a risk of exposure to dirt, chemicals, or other contaminants.

Easy to Clean:

The waterproof and stain-resistant properties of SPC flooring make them very easy to clean. Regular sweeping and occasional mopping are usually sufficient to keep them looking great.

Minimal Expansion and Contraction:

SPC flooring are less prone to expansion and contraction due to temperature and humidity changes compared to traditional wood or laminate flooring. This adds to their overall stability.

Durability:

Both SPC flooring are designed to be highly durable and resistant to wear and tear. This makes them suitable for high-traffic areas.

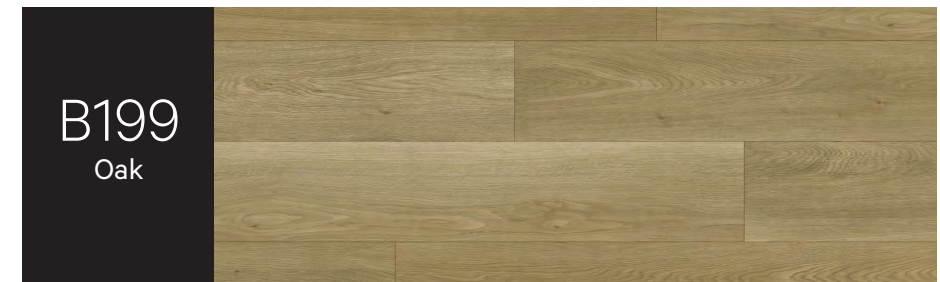
Aesthetic Variety:

These types of vinyl flooring come in a wide range of designs and styles, including options that mimic the appearance of wood, stone, and tile. This allows homeowners and businesses to choose a flooring style that matches their decor preferences.



COLOR OPTIONS

Our SPC flooring offers down-to-earth options that mirror the shades you encounter every day. Whether you prefer the warmth of cozy browns that echo wooden furniture or the practical neutrality of grays that seamlessly fit into modern living, our selection caters to your lifestyle. Imagine the ease of finding a color that effortlessly aligns with your existing decor, making your space comfortable and inviting.



more color upon request





EFFORTLESS INSTALLATION

Save Time and Costs

Designed for convenience, our quick installation system slashes labour costs by up to 30%, giving you more value for your investment.

The clip design and installation become a breeze. With a simple one-step process, you'll have your new flooring in place in no time. No need for complex tools or extensive expertise – just snap, lock, and enjoy.

Our SPC flooring is reusable, allowing you to effortlessly change the look of your space whenever you desire. With our commitment to efficiency, affordability, and versatility, upgrading your floors has never been easier.



INSTALLATION METHODS

Discover hassle-free installation with our SPC flooring, ensuring your vision comes to life effortlessly. Choose between two versatile methods: the click-lock system or the interlocking system.

With the click system, installation becomes a breeze. Just align the planks and snap them together, creating a secure connection that stands up to daily wear. This method is perfect for those seeking a quick and straightforward solution, whether you're a DIY enthusiast or a professional installer.



45 ° Herring Bone



45 ° Random



45 ° Subway Style



90 ° Herring Bone



90 ° Random



90 ° Subway Style