# INSPIRA

## SURFACES

***SPC FLOORINGS***

# *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.

### 3. Exceptional Features

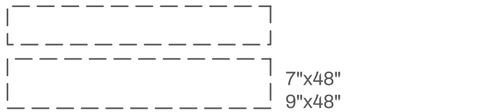
SPC flooring excels with anti-slip properties, fire and termite resistance, easy installation, scratch resistance, and many more. These exceptional features make it the perfect choice for safety, durability, and aesthetics.



# *Multiple Possibilities*

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

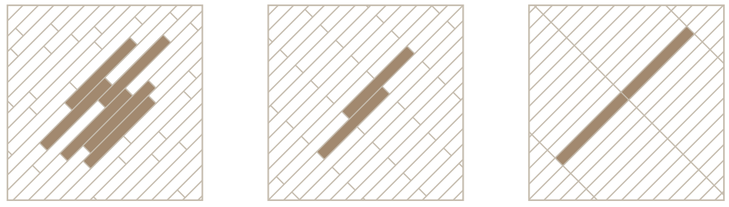
## Sizes




## Thickness

4mm, 5mm & 6mm

## Laying Solutions




## Application

Indoor application where SPC flooring can be placed:

Residential:
Kitchen | Living room | Bedroom | Club House

Commercial:
Retail Shops | Restaurant | Cafes | Gym | Spa | Dance Studio | Airport | Office | 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 discoloration, 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

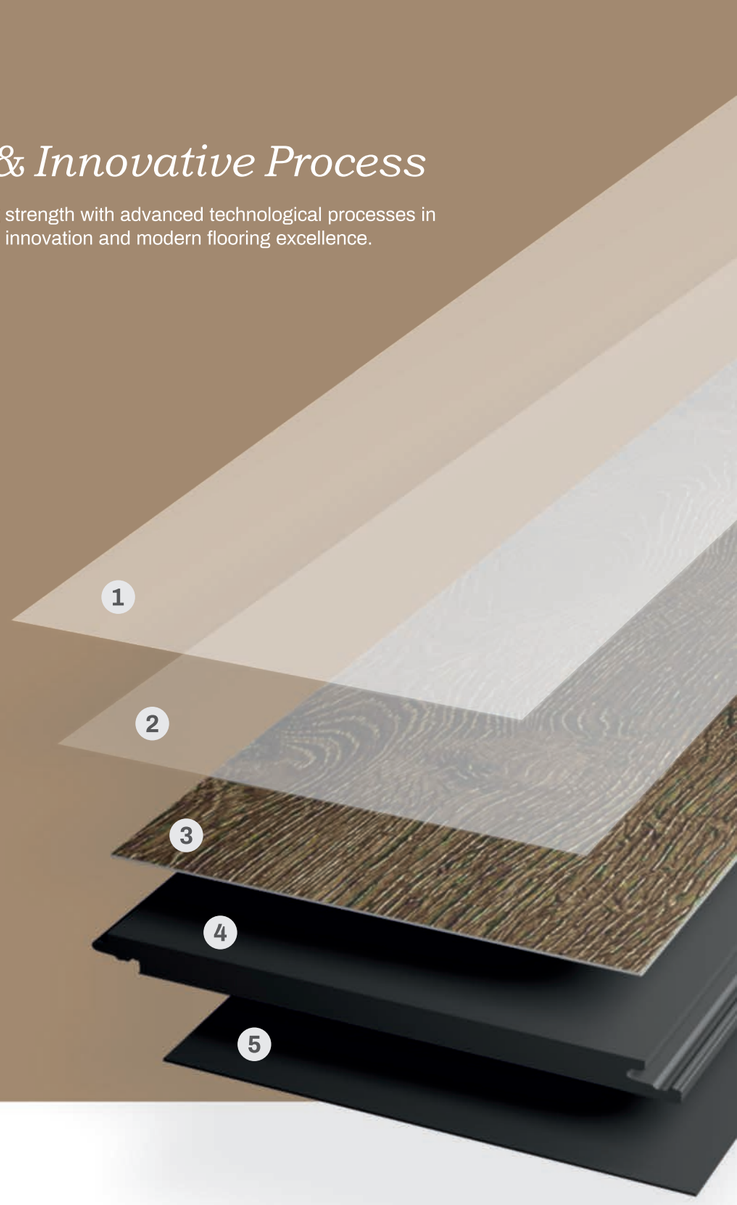
Regardless of natural wood or stone structure, **INSPIRA SURFACES** SPC offers a variety of beautiful designs. That will better showcase your individual style and personality.

### 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




INSPIRA SURFACES uses patented technology of UNILIN's UNICLICK technology for easy and fast installation which can be conducted by DIY method. This technology makes it easy for our customers to install our flooring products without the need for professional help.

UNILIN HC | 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.

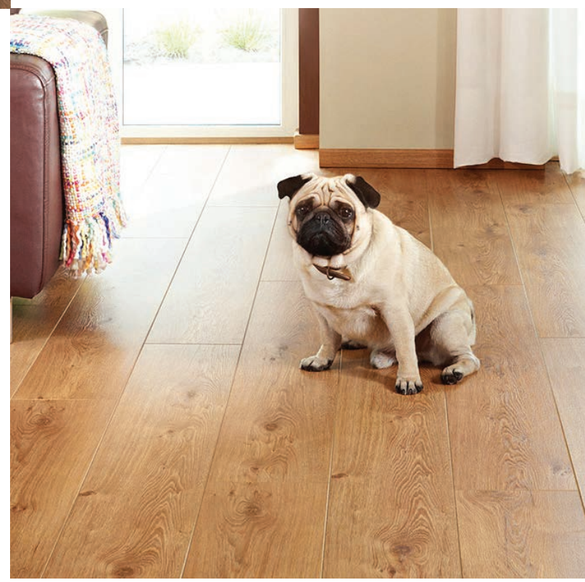
### Easy to Install

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.





### 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.

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# SUNLIT TIMBER



SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**





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# NORDIC DRIFTWOOD

SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**







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# IVORY OAK



SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**





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# SCANDINAVIAN MIST

SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**







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# GOLDEN GLOW



SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**





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# OILWOOD CLASSIC

SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**







# OILWOOD CLASSIC

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# MIDNIGHT ASH



SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**





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# IMPERIAL WALNUT

SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**







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# WEATHERED OAK



SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**





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# HONEY OAK

SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**









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# HELSINKI DUSK



SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**





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# NATURAL EMBER

SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**







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**NATURAL EMBER**

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# HERITAGE GRAIN

SIZE
**7" x 48"**

THICKNESS
**5.0mm**

UNDERPAD
OPTION
**1.0mm**







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# RAW TIMBER



SIZE
**7" x 48"**

THICKNESS
**5.0mm**

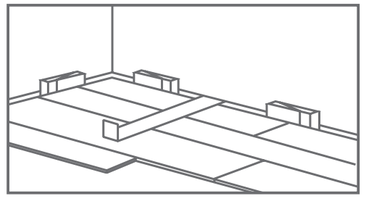
UNDERPAD
OPTION
**1.0mm**



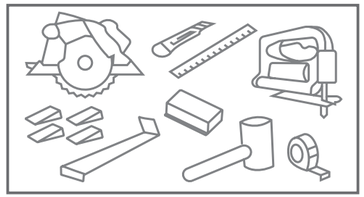


# *Installation Process*

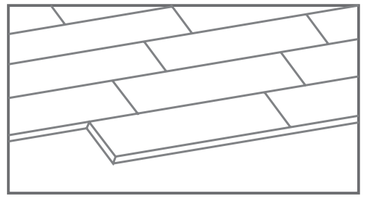
**Preparation**



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

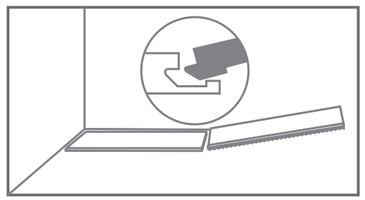


expansion space of about 8 mm around the perimeter and any fixed objects. The floor must be able to move freely – do not connect or install securely to any part of the building. Measure the area where the floor will be installed, making sure to consider the perimeter

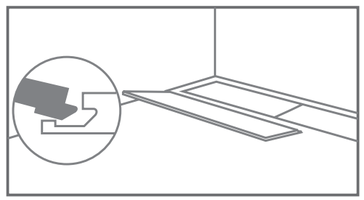


expansion space of 8mm, and decide the direction for installation.It is recommended to install the slats along the length direction of the boards, parallel to the Main direction of light. In narrow corridors,install the floor parallel to the long side.

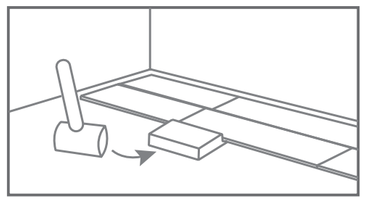
**Laying**



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

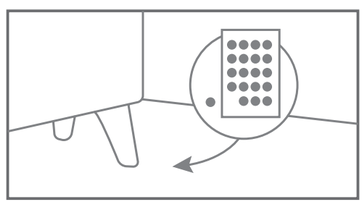


“mark” the board. Then cut along the line with a blade / saw to separate into two pieces. For the installation of the second row it is recommended to start with a board with a length equal to 2/3 of its extension.

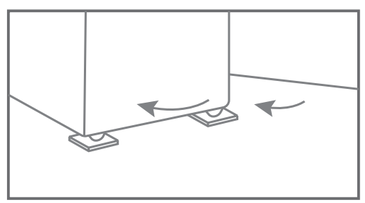
**First use and maintenance**



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<br>Squareness:0.8mm<br>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.<br>Does not contain heavy metal and formaldehyde | | |
| Behaviour to Fire | ENIS011925-2<br>EN13501-1<br>EN ISO 9239-1 | | ASTM E648- 06 | Pass |
| Smoke Density | | Bf1-S1 | ASTM E662 | Pass,<450 |