



POLYLEAF SPC FLOORING

SPC – STONE PLASTIC COMPOSITE PRODUCT

SPC flooring is a new generation flooring revolution and it is very much in trend worldwide nowadays. SPC means Stone - Plastic Composite, which Choose natural stone powder and fiber, so its structure is more durable, stable and Environmental. its new design material for floor, and work better than traditional LVT floor. Previously in our country only imported SPC flooring available but now we are the manufacturer of SPC flooring in India.

SPC flooring is constructed by UV coating, Wear layer, SPC print layer, SPC core, Balanced layer . For the backing, EVA, IXPE foam or Cork wood as option all available. Its advantages including good dimension stability, 100% waterproof, heat and sound insulation, eco-friendly rigid floor, no harmful emission.

Polyleaf is an Indian Manufacturer of high-quality Waterproof SPC Flooring. SPC Flooring is an upgrade of Luxury Vinyl Tiles (LVT), it's special designed with Click-Locking joint system, easy installation, water-proof, the basic material is Stone-Plastic composite, it's formaldehyde free, completely safe flooring covering materials for both residential and public environment.

Advantage of SPC Flooring



1) Waterproof and Damp proof

As the main component of SPC is stone powder, so it performs well with water, and mildew will not happen with high humidity.

2) Fire Retardant

According to the authorities, 95% of the victims were burned in the fire caused by the toxic fumes and gases. The fire rating of SPC flooring is NFPA CLASS B. Flame retardant, not spontaneous combustion, leave the flame automatic out in 5 seconds, won't produce toxic of harmful gases.

3) No Formaldehyde

Polyleaf SPC is high quality stone powder & PVC resin, without harmful material such as benzene, formaldehyde, heavy metal.

4) No Heavy Metal, No Lead Salt

The Stabilizer of Polyleaf SPC is Calcium zinc, no lead salt heavy metal.

5) Dimensionally Stable

Exposed to 80° heat, 6 hours---Shrinkage $\leq 0.1\%$; Curling $\leq 0.2\text{mm}$

6) High Abrasion

SPC flooring has a transparent wear-resisting layer, whose revolution is up and higher than 10000 turns.

7) Superfine Anti-slipping

SPC flooring has special skid resistance and wear-resisting layer of the floor. Compared with common floor, SPC flooring has higher friction when it's wet.

8) Easy to Installation

SPC flooring is easy to Installation due to Valinger click system.

9) Long Life

Due to High Quality of preparation Polyleaf SPC flooring life in very long then other flooring In Resident its life is more then 15-20 yrs and in Commercial 5-10 yrs.



Where it is Use.:

Polyleaf SPC flooring use in Resident and Commercial place
Resident place i.e. home, office etc.
commercial i.e. hospital, sport club, airport, mall etc.

Polyleaf SPC flooring is very easy to installation in minimum time and low cost,
and also easy to change one place to another with very less (20-25%) loss of material.



SPC FLOORING FOR NEXT GENERATION

WPC flooring and stone plastic flooring / plastic flooring is another name for PVC flooring. Several types of flooring its main components contain PVC material, **PVC floor** can be made into two kinds, one is homogeneous through the heart floor, that is, from the bottom to the surface of the pattern material is the same. There is also a composite, that is, the top layer is pure PVC transparent layer, with the following printed layer and composite layer.

Wood-plastic flooring, also known as **wood-plastic composite sheet** is a wood-based (wood cellulose, plant cellulose) as the base material and thermoplastic polymer materials (**PVC plastic**) and processing aids, mixed evenly and then heated by the mold equipment Extruded and made of high-tech green materials, both wood and plastic properties and characteristics, and can replace wood and plastic of the new environmentally friendly high-tech materials eighth - wood floor, the English **Wood Plastic Composites** abbreviated as **WPC floor**.

WPC flooring is made of **wood-plastic composite floor**, with the same wood processing characteristics, the use of ordinary tools can be sawing, drilling, nailing, very convenient, can be used like ordinary wood. At the same time with the wood texture and plastic water-resistant anti-corrosion properties, making it a good performance and very durable outdoor waterproof anti-corrosion building materials

Stone-plastic floor, also known as stone-plastic floor tiles and stone plastic wood floor, the formal name should be "**PVC sheet flooring**" or "PVC sheet flooring" is a high-quality, high-tech research and development of the new floor decoration Materials, the use of natural marble powder to form a high-density, high-fiber mesh structure of the solid base, the surface covered with super wear-resistant UV UV curing paint or chlorine trioxide wear layer, processed by hundreds of processes. Stone plastic wood flooring products vivid beautiful appearance, super wear-resistant, bright surface without sliding, called the twenty-first century high-tech new material model!

Stone plastic floor PVC flooring is another branch of the classification, as we all know, **PVC flooring** is divided into coils and sheets, stone **plastic flooring** that is specifically refers to the sheet can also be called sheet. From the structure is divided into homogeneous through the heart of the sheet, multi-layer composite sheet, semi-homogeneous through the heart of the sheet; from the shape is divided into square bar and strip plate structure.

Advantage of SPC Flooring



**100%
RECYCLABLE**



EASY CLEAN+STAIN RESISTANCE
Anti-apill&easy to remove existing stain



UV COATED
Colour dose not fade under sunlight



ANTI-SLIP
Silo resistance



NON-TOXIC+ODOURLESS
No smell & not hazardous to health



WATERPROOF
highly resistance to water & moisture



INSECT PROOF
Insect free due to composition of material



IMPACT RESISTANCE
Thick wear layer providing lasting quality



ACOUSTIC FRIENDLY
Reduce sound by more than 50%



QUICK.FIT EASY CLICK DESIGN
Easy to install on flat surface or tiles



SCRATCH+WEAR RESISTANCE
Thick wear layer with double UV coating



FIRE RESISTANCE
B1 Level : Hard to burn



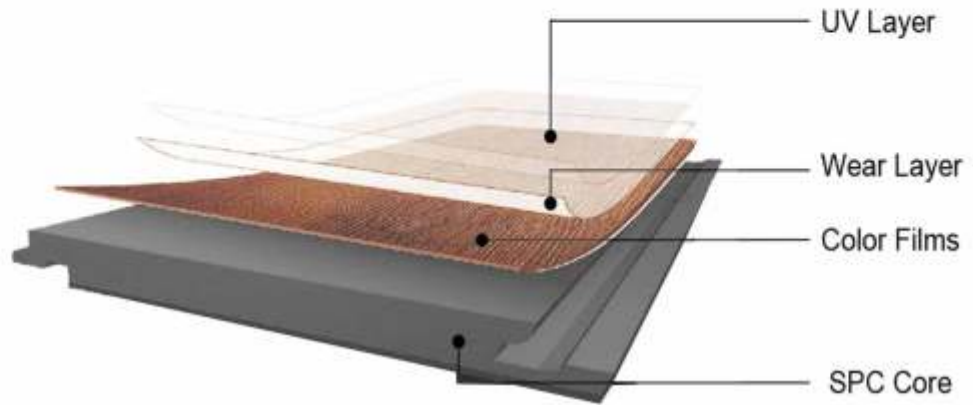
ELECTRIC CURRENT RESISTANCE
Dose not conduct electricity



100% FORMALDEHYDA FREE
Free from toxic chemical and toxic gas



SPC FLOORING STRUCTURE



SPC FLOORING ADVANTAGES

- **Compared with Laminate Flooring**
- SPC flooring is waterproof
- SPC flooring is more environment friendly (No formaldehyde)
- SPC flooring color is lasting as UV coating on the vinyl flooring
- SPC flooring touch feeling is more soft and comfortable.
- **Compared with PVC flooring**
- SPC flooring Click is much more stronger than Vinyl flooring, which is very important for Installation.
- SPC flooring Click size stability is much better than click vinyl flooring, Absorption is less;
- SPC flooring Cost is less than click vinyl when the thickness is same:

SPC FLOORING FOR NEXT GENERATION



MINGLE PLAST PVT. LTD.

SPC FLOORING FOR NEXT GENERATION

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