



Save Tree, Beautify Home!

Luxury SPC Flooring

PRODUCT CATALOGUE

◆ Professional ◆ Qualified ◆ Better Price ◆ Healthy ◆ Environmental Protection

*"Better to explain the price in a while
Do not apologize for the quality of life!!"*



Super Water Resistant - German Technology - Warranty 25 Years



Protect your floor and your budget
Code : HP8670-3

What's SPC Flooring?

SPC (Solid rigid vinyl flooring/ Rigid LVT/ Solidboard) refers to the use of natural stone and environmentally friendly vinyl stone plastic composite material, the structure is more durable, stable, high temperature resistance, shrinkage of the very small environmental protection new floor. The SPC vinyl flooring is composed by the PVC and Calcium. Normally (PVC : Ca) is (1 : 3), the more Calcium the flooring is more brittle, use virgin material, not use recycled material. The pure material nature color is white .

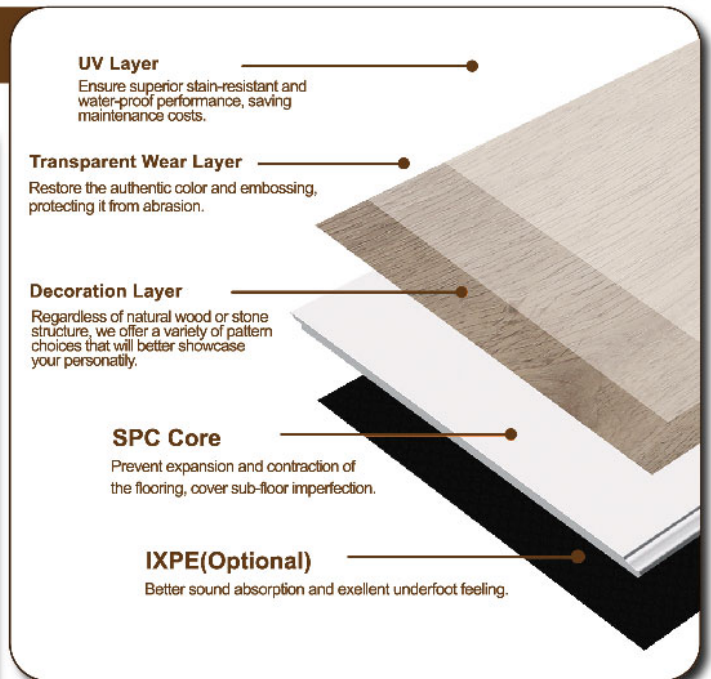
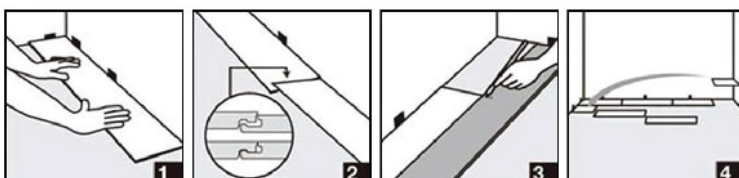
Hplus Flooring - Specification

TECHNICAL DATA:

TEST ITEM	TEST RESULTS	TEST STANDARD
Slip Resistance	EN13893	Class DS
Formaldehyde	EN717	E1
Smoke Generation	ENISO9239-1	Class S1
Critical Heat Flux	ENISO9239-1	Class B
Flame Spread	ENISO11925-2	Class B
Reaction to Fire	EN 13501-1	Bf1-S1
Abrasion Resistance	EN13329	Class 23/43
Resistance to Stain		
Chemical Resistance	EN423	Resistant
Dimensional Stability	EN434	X direction:-0.04%/Y direction:-0.02%
Curling after Exposure to Heat	EN434	~0.01mm
Wear Resistance	EN660-2	Group T
Residual Indentation	EN433	~0.03mm (LVT click)
Chair Caster	EN425	Typ W
Color fastness	ISO105-B02	>=6

SPECIFICATIONS:

Item	100% WATERPROOF VIRGIN MATERIAL CLICK RIGID CORE FLOORING
Size	6"X36",7"X48"
Thickness	4.0MM/4.5MM/5.0MM/5.5MM/6MM
Wearlayer	0.3MM/0.5MM
Surface Treatment	UV/ PU COATING WITH MATT / SEMI-MATT FINISH
Surface Texture	WOOD EMBOSSED / HAND SCRAPPED /EIR / SAW CUT/CERAMIC BEAD
Installation	UNILIN/VALINGE
Warranty	25 YEARS



Comparison of LVT, WPC and SPC

Item	Product	LVT	WPC	SPC
Flexibility		☹️	☹️	☹️
Hardness		☹️	☹️	☹️
Dimensional Stability		☹️	☹️	☹️☹️
Thermal Expansion		☹️	☹️	☹️
Click Strength		☹️	☹️	☹️☹️
Expansion Joint		≥10mm	≥10mm	≥5mm
Scratch Resistance		☹️	☹️	☹️☹️
Stain Resistance		☹️	☹️	☹️☹️
Direct sunlight		☹️	☹️	☹️
Fire Resistance		Bfl-s1	Bfl-s1	Bfl-s1

More Rigid

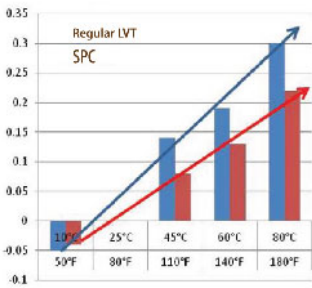


LVT: Good flexibility For the products with the same formula, the flexibility in winter is worse than that in summer.

SPC Rigid. For the products with the same formula, the hardness in winter is the same as that in summer.



Heating test

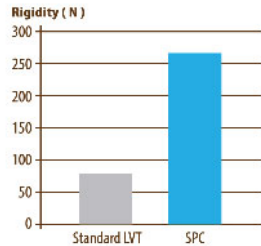
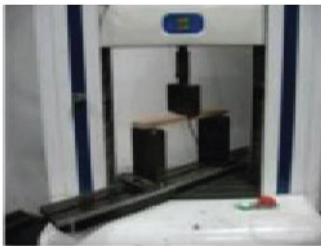


Test method:

The samples are placed in an oven for 6 hours at different temperatures. After 6 hours the samples size variations are measured. The value shown in the graph is the difference in percentage of the original size versus the size after 6 hours in an oven.

Results:

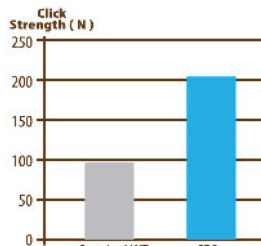
At 45C/110F, SPC is 2 times more stable than regular LVT. At low temperatures there is no major difference between SPC and regular LVT.



Test method:

The samples are bend as per the picture here-beside. The force needed to bend the samples is recorded.

Result: SPC flooring is 3 times more rigid than regular LVT.



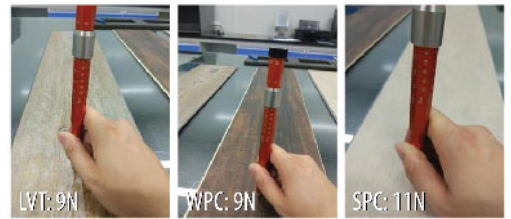
Test method:

2 samples are clicked together, then pull apart. The click strength is the force needed to split up the 2 samples.

Result: SPC click is 2 times stronger than standard LVT.

More rigid and strong

Scratch Resistance



Click Strength

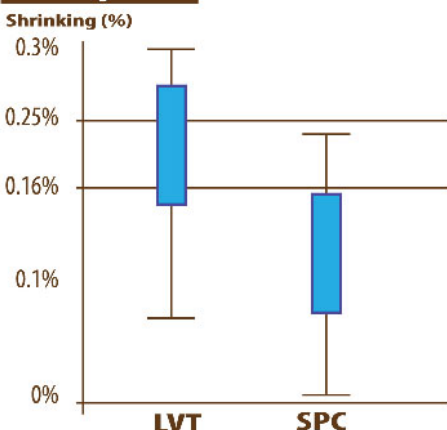


During Installation



LVT can not easily slide in both long and short side. In order to slide easily, WPC and laminate floor are waxed in the groove but such method is not used in LVT. However, SPC can easily slide without wax in the groove.

Shrinking Test



Test method:

According to ASTM 1700, EN 649 and EN 16511, flooring should be tested for heat resistance. The test consists of putting samples in an oven at 80°C/180°F for 6 hours. When submitted to such high temperature samples expand. After 6 hours samples are taken out of the oven and cooled down to 23°C/75°F for 24 hours, during cooling phase the samples shrink back. After 24 hours, the samples size is measured and compared to the original size.

Results:

Many tests have been performed. The blue rectangle shows the average of the results. The line shows the total range of the measures.

1. SPC samples shrink in average 2 times less than LVT
2. Regular LVT sometimes failed to meet the requirements

This test is important for commercial projects because ASTM 1700/EN 649/EN 16511 are legally required.

Lower Shrinking Rate



Better price, best service
Code : 6062-140

Hplus Flooring - Stone Textures



Code : HP101



Code : HP101-7



Code : HP101-1



Code : HP101-6



Code : HP101-5



Code : HP101-4



Code : HP101-2



Step up successfully
Code : HP101



Better price, best service
Code : 202-3

Why choose **Hplus** SPC Flooring?

- Environmental protection, save the hardwood, save the forest.
- Sound absorption.
- Waterproof, anti-corrosion, long lifetime, anti-slippery.
- Easy install and maintain, reduces the cost of labor force, economic choose for residential and commercial.
- Eco-friendly, no noxious or chemical components.
- Environmentally sustainable construction with extruded waterproof core.
- Virgin vinyl, the composite core is constructed of virgin vinyl.
- NO swelling when exposed to water
- Durable, will not expand or contract, very stable.
- No need for transition strips, no underlayment required, hides subfloor imperfections.



Step up successfully
Code : HP409-7

Hplus Flooring - Stone Textures



Code : HP107



Code : HP107-1



Code : HP107-3



Code : HP107-4



Code : HP107-7



Code : HP109-1



Code : HP107-8

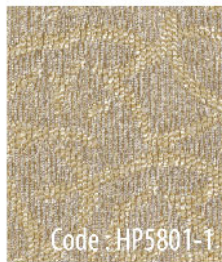


More than natural
Code : HP5801-2

Carpet Textures



More than natural
Code : HP5801



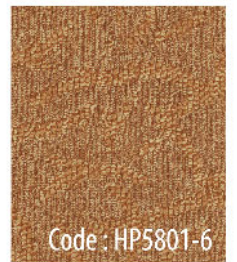
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Code : HP5801-3



Code : HP5801-8



Code : HP5801-6



Code : HP5801-4



Code : HP5801-5



Code : HP5801-2



Code : HP5801-7



More than natural
Code : HP5803



Code : HP5803-1



Code : HP5803-6



Code : HP5803-3



Code : HP5803-5



Code : HP5803-2



Code : HP5803-4



Code : HP5804



More than natural
Code : HP6052-1

It has all the advantage of a lvt sheet, as its surface is PVC.
It is as hard as laminate flooring, but waterproof, fireproof, will not swell when exposed to water.
Valinge Click, which brings SPC with special strong and stable click system.
Easy to install with glueless click system.
Formol Free, VOC free
More environmental than laminate.

1. Dimension stability:
The rate of expansion and shrink of SPC is less than 0.08% in 80°C for 6 hours. So it can be installed in a big area without T-mould.
The rate of expansion and shrink of PVC is less than 0.16%
2. Compressive resistant
Static load less than 0.05mm, which is half of PVC floor.
3. High density
SPC: 2000-2100kg/m³
PVC: 1800kg/m³
WPC: 900-950kg/m³



More than natural
Code : HP6087-10



More than natural
Code : HP6004-18



More than natural
Code : HP6004-20



Unilin | Valinge Click



Embossed



Backing



Waterproof



Fire-proof



Anti-scratch



Wear - Resistance



Eco - Friendly



Waterproof



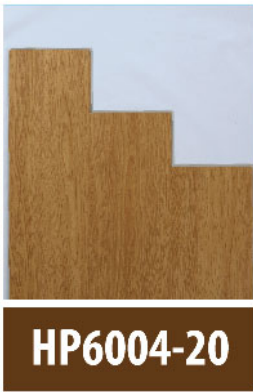
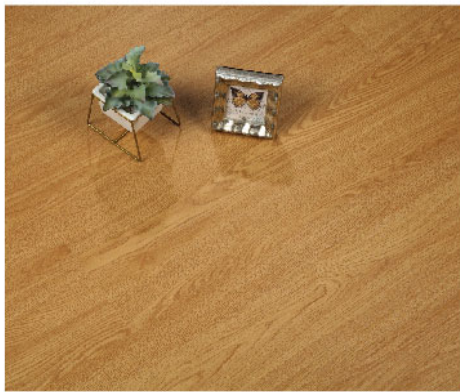
Easy Clear



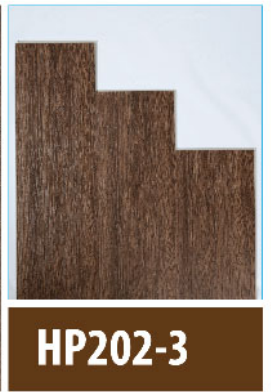
Fire - proof



Easy to install



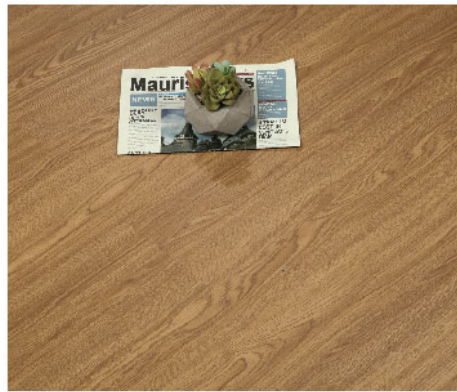
HP6004-20



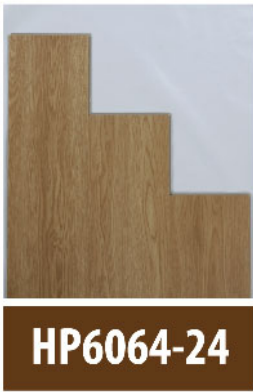
HP202-3



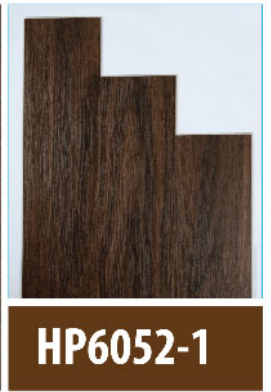
HP6064-12



HP6004-3



HP6064-24



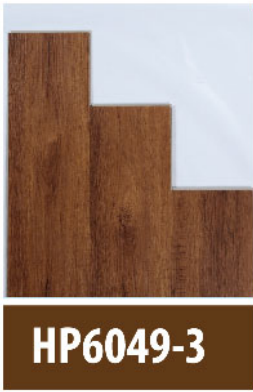
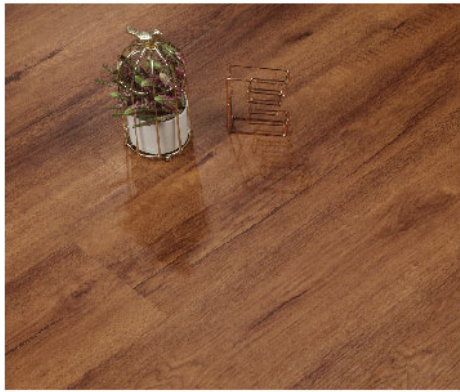
HP6052-1



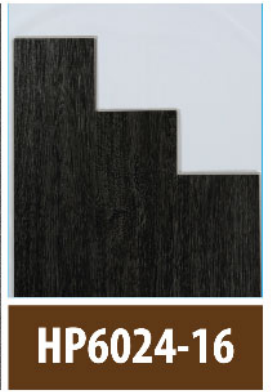
HP6087-10



HP6005-15



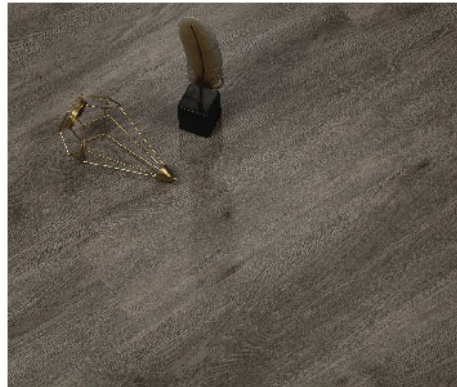
HP6049-3



HP6024-16



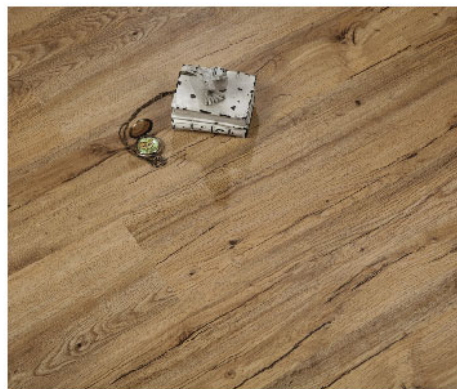
HP8670-3



HP6062-140



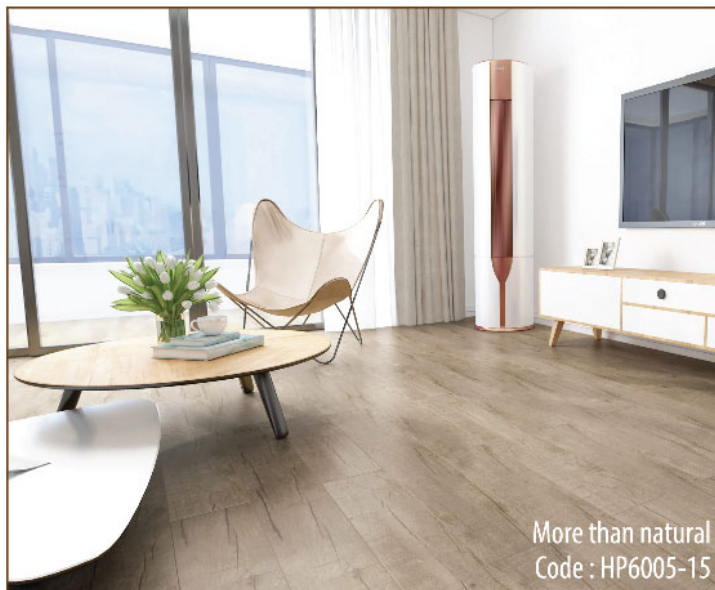
HP6004-18



HP6005-15



More than natural
Code : HP6004-3



More than natural
Code : HP6005-15



More than natural
Code : HP6064-12



More than natural
Code : HP6064-24





100% virgin material
Code : HP6049-3

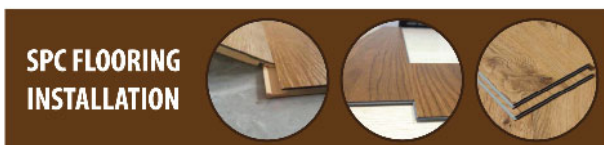
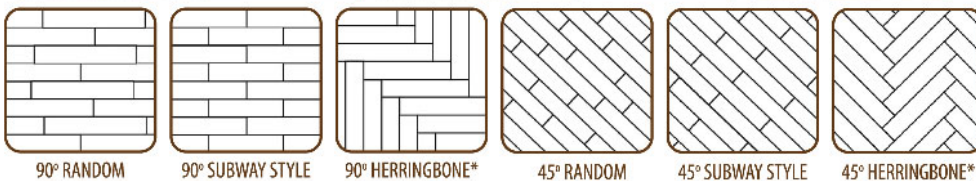


100% virgin material
Code : HP6024-16



100% virgin material
Code : HPSLWK016

	<p>T-MOLDING SIZE(MM): 2400*46*7 PACKING: 20PC/CTN WEIGHT: 10.0KGS</p>		<p>REDUCER SIZE(MM): 2400*43*10 PACKING: 20PC/CTN WEIGHT: 14.3KGS</p>		<p>STAIR NOSE SIZE(MM): 2400*54*18 PACKING: 10PC/CTN WEIGHT: 11KGS</p>		<p>FLUSH STAIR NOSE A SIZE(MM): 2400*72*25 PACKING: 10PC/CTN WEIGHT: 15KGS</p>
	<p>END-CAP SIZE(MM): 2400*35*10 PACKING: 20PC/CTN WEIGHT: 13.4KGS</p>		<p>QUARTER ROUND SIZE(MM): 2400*28*16 PACKING: 25PC/CTN WEIGHT: 16.26KGS</p>		<p>SKIRTING 80MM SIZE(MM): 2400*80*15 PACKING: 10PC/CTN WEIGHT: 11KGS</p>		<p>SKIRTING 90MM SIZE(MM): 2400*90*15 PACKING: 10PC/CTN WEIGHT: 19.5KGS</p>





Environmental Protection

Make Your Life Closer To NATURE



Combine eco-friendly with architecture beauty, it has always been regarded HPLUS's responsibility to the world.

Pursuing low carbon and green product reflect one core of HPLUS's social responsibility.

We not just advocate a concept of environment friendly, but also improve greenism with practical action.

