# FIONA







SPC stand for Stone Plastic Composite or also known as Rigid core flooring. Core of SPC floor consists of calcium carbonate (limestone powder), polyvinyl chloride and plasticizers to create an extremely durable core. An SPC vinyl floor is 100% waterproof, but adds stability, dent resistance and structure to commercial or residential flooring.

### Advantages of SPC Click lock

#### Glue-free installation

SPC click lock system makes installation easy and fast due to glue free and requiring a few equipment.

#### Water resistance

SPC materials protect from water, termite and insect. It bears to temperature challenge in a home and wet/dirty shoes.

#### Easy maintenance

SPC requires very little maintenance, just a wet mop. Also, it has a protective UV coating, making it easy to clean andenduring with daily usage.

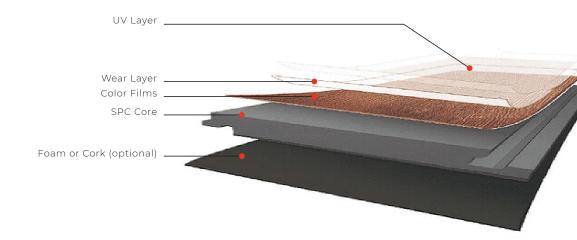
#### Natural looks and feel

SPC has varieties of color and pattern, and gives a sound same as you walk on real wood.

#### **Environmental friendliness**

SPC is 100% recyclable.





## SPC FLOOR

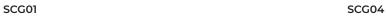
## TECHNICAL DATA SHEET

	Standard	Standard	Detection Result
Wear Layer Thickness	ASTM F410	"ISO 24340:2006 (R2015)"	20 mil ( 0.5 mm )
Static Load			
Slip Resistance	ASTM D2047-17	EN13893	Class DS Dynamic coefficient of friction:0.54
Staining Resistance	ASTM F925-13	ISO 26987:2008	Pass
Smoke Density	ASTM E662-2018		
Resistance to Light	ASTM F1700-18a Section 6.10 & ASTM F1515-03 (2008)	"ISO 105-B02:2014; Method 3"	Pass
Impact Resistance	ASTM F1265-03a		Pass
Heat Stability	ASTM F1514-03	ISO 23999:2018	Pass
Reaction to Fire	ASTM E 648-2017a	EN 13501-1	class Bfl–s1
Impact Sound Conduction			
Airborn Sound Conduction			
Residual Indentation	ASTM F1914	"ISO 24343-1:2007"	Pass
Castor Chair Resistance	ASTM D6962	"ISO 4918:2016"	Pass
Abrasion Resistance	ASTM 4060		Pass ≥ 6000 cycles
Locking System			UNICLIC
Adhesive			Not required, please install according to the instruction

## DESIGN FOR LVT AND SPC FLOOR





















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