

FIONA

FIONA FLOORING COLLECTION



LVT

LVT Peel and stick

Length : 1914.4mm

Width : 152.4mm

Thickness : 2mm / 3mm

Wear layer : 0.2mm / 0.3mm

LVT Dry back

Length : 1914.4mm

Width : 152.4mm

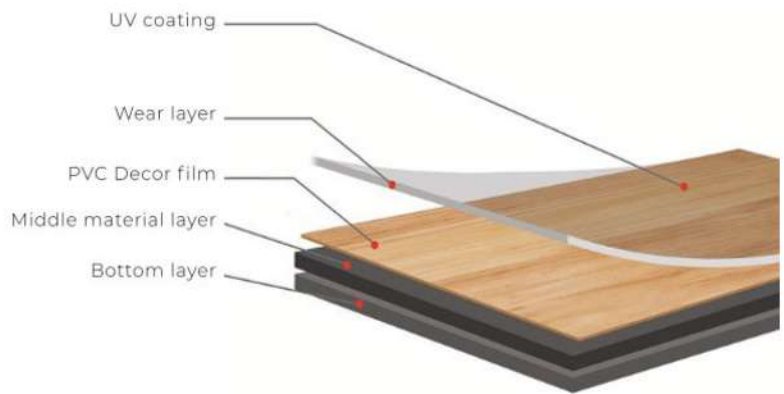
Thickness : 2mm / 3mm

Wear layer : 0.2mm / 0.3mm

LVT is designed to replicate hard surface flooring materials such as stone or wood, yet provide many more practical benefits. Available in planks or tiles, LVT uses a realistic photographic print film and a clear vinyl layer that opens up a wide variety of design concepts.

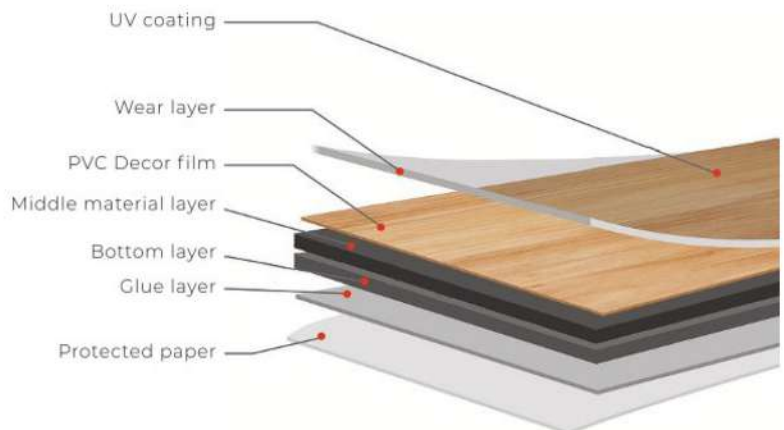
Advantages of LVT Dry back

- + Durable, long-lasting performance
- + Easy maintenance
- + Natural looks and feel
- + Competitive price



Advantages of LVT Peel and Stick

- + Durable, long-lasting performance
- + DIY Installation
- + Easy maintenance
- + Natural looks and feel
- + Competitive price



LVT DRY BACK & PEEL AND STICK

TECHNICAL DATA SHEET

Product Specification	Test Standard	Test Result
Surface treatment		UV Coating
Peeling strength of layers	EN 431	55
Castor chair	EN 425	Pass
Fire resistance	EN 13501-1	Bfl - s1
Chemical resistance	EN 423	OK
Residual indentation	EN 433	0.07
Underfloor heating	EN 12524	0.096 W/(m.k)
Slip resistance	DIN 51130 EN 13893	DS \geq 0.3
Abrasion resistance	EN 660-1	Dynamic Coefficient of Friction Class DS
Dimensional stability	EN 434	0.048 long edge 0.012 short edge
Sound reduction	EN ISO 717 - 2 (Δ Lw)	2 dB
Light Fastness	ISO 105 - B02	15
Toxicity	EN 71	Not toxic. Does not contain heavy metal and formaldehyde
Warranty		10 years
Formaldehyde emission	EN 717-1	E1... \leq 0.124 mg/m ³
Anti static		YES
Abrasion Class	AC3 \geq 2000	4000



SPC

CLICK

STONE PLASTIC COMPOSITE

SPC Click

Length : 1220 mm

Width : 180 mm

Thickness : 4mm / 5mm

Wear layer : 0.3mm / 0.5mm

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

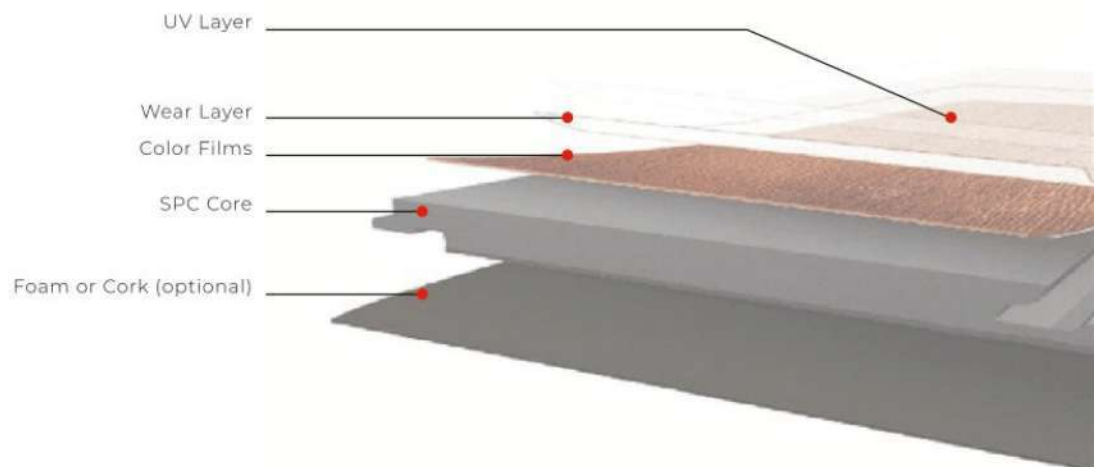
SPC requires very little maintenance, just a wet mop. Also, it has a protective UV coating, making it easy to clean and enduring with daily usage.

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



SCG07



SCG10



SCG08



SCG11



SCG09



SCG12



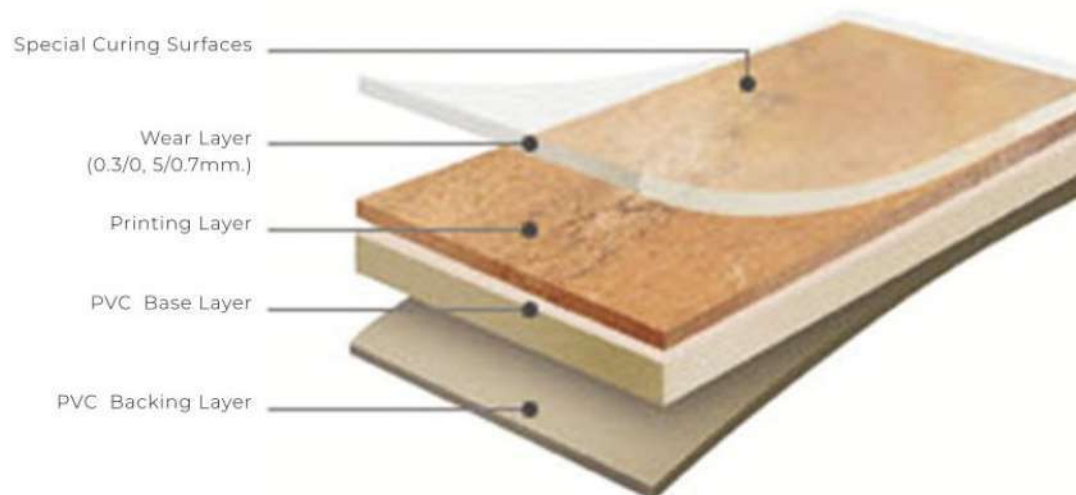
SHOCK

ABSORPTION FLOOR

Shock absorption floor is Heterogeneous vinyl which is a multi-layer vinyl with a printed top layer providing endless design possibilities, lasting performance and low maintenance cost.

Advantages of Shock absorption floor

- + Reduce the severity of injuries from accidents caused by falling to the ground
- + Sound absorption
- + Suitable for Elder care / Children segment
- + Natural looks and feel



SHOCK ABSORPTION FLOOR

TECHNICAL DATA SHEET

Properties	Standard	Requirement	Result
Total thickness	EN ISO 24346	-	2.95 mm
Hardness (shore A)	ASTM D2240	-	88
Density	EN ISO 23997	-	20 mil (0.5 mm)
Anti-slip resistance	DIN 51130	-	Dry test : 54 (R12) Wet test : 32 (R10)
Dimensional stability to heat	EN 434	< 0.25 %	0.09 %
Curling after expose to heat	EN 434	< 2 mm	0.05 mm
Dimensional variations after change in relative humidity	En 13329 : Annex C	< 0.9 mm	0.05 mm
Abrasion resistance	En 660-2	Volume loss < 2.0 mm ³ , T group Abrasion class = 23, 31	0.03 mm ³ , T group 23, 31
Color fastness	Internal - QUV 200 h	Delta E < 9.95	6.65

SHOCK ABSORPTION FLOOR



SAF001



SAF002



SAF003



SAF004



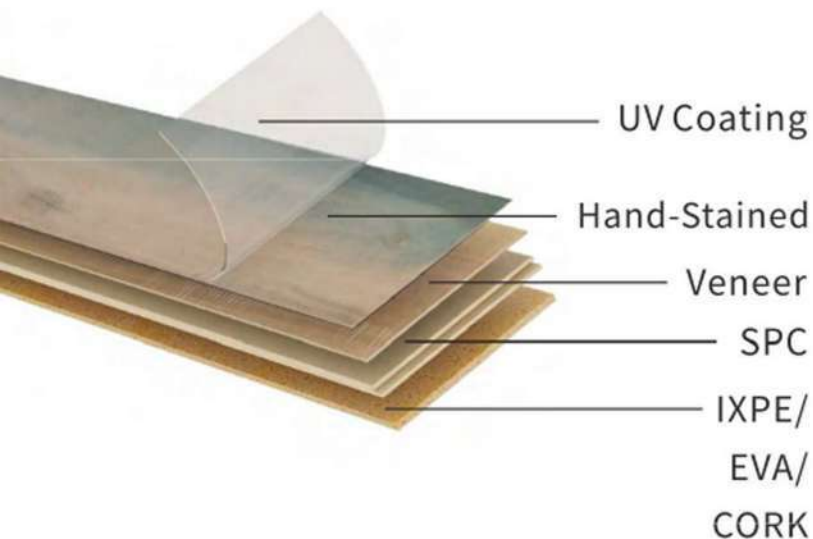
SAF005



SAF006

VSPC

Product Structure



B1 Fire Resistant Test Report



Basic Information



Wood Species	Hickory, Maple, Oak, and Walnut
Sizes	7.0/0.6x127/166x300-1200mm 7.0/0.6x190x1800RLmm 7.0/0.6x220x2100RLmm
Grade	ABCD
Structure	0.6mm Wood Veneer+ 5.0mm SPC Rigid Core+ 1.5mm IXPE/EVA/CORK
Surface	Hand Stained/Digital Printing Wire Brushed + Digital Printing Hand Scraped + Digital Printing Wire Brushed + Hand Scraped + Digital Printing
Finish	UV Coating
Click System	Valinge Click Install/ I4F
Fire Resistance	B1 Level

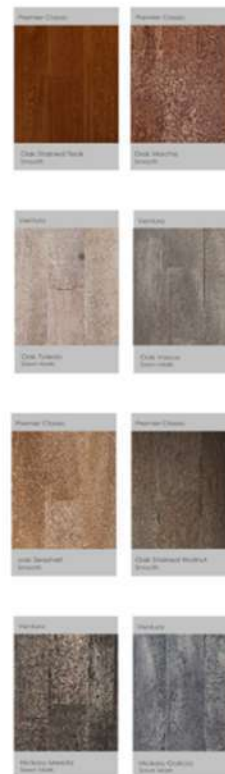
ENGINEERED WOOD FLOORING

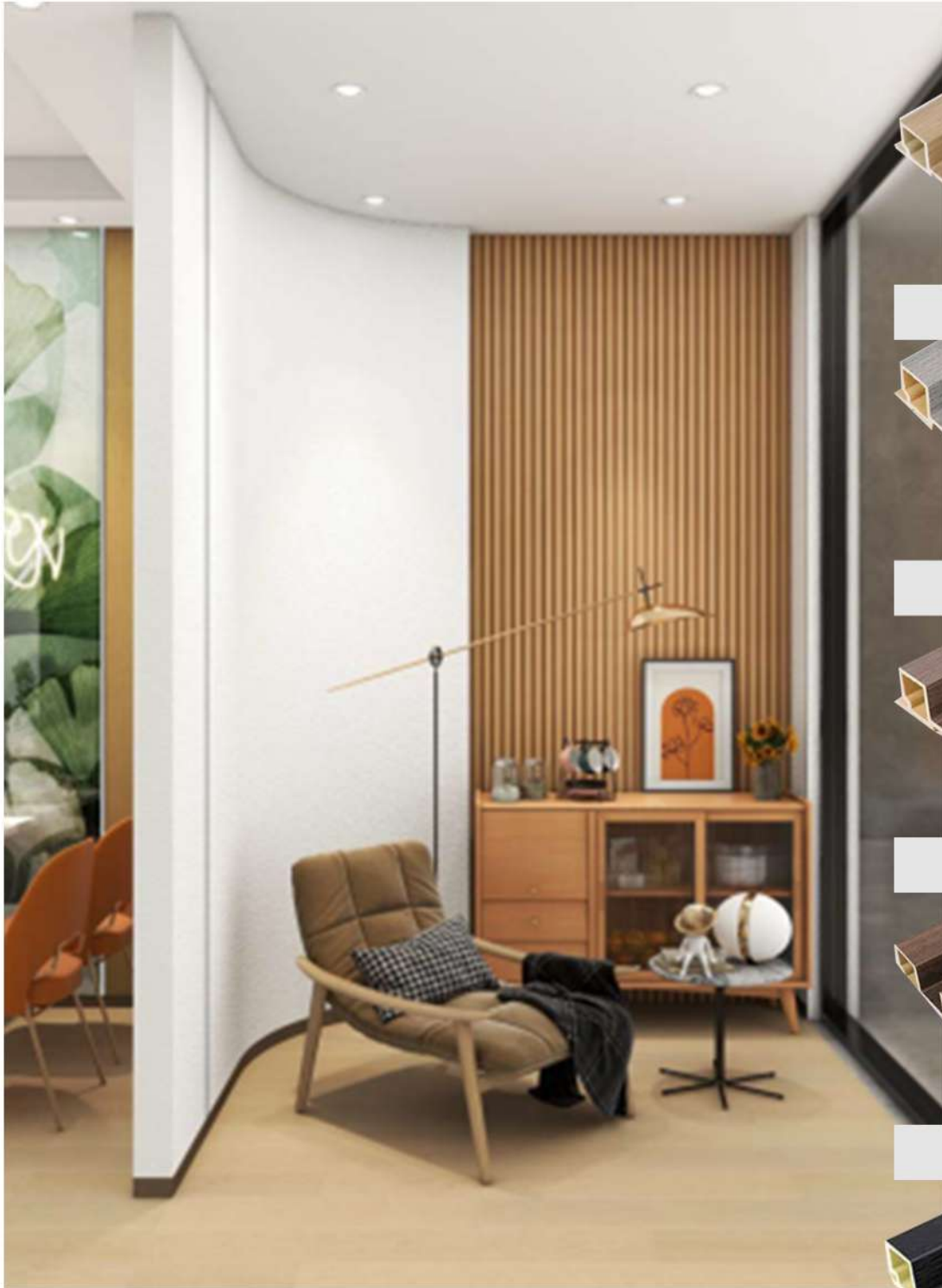
Plywood Structure



SPECIFICATION

- * Size - 12/2.0 x 190 x 2100mm
14/3.0 x 190 x 1900mm
15/4.0 x 190 x 1900mm
- * Surface Effect - Wife-brushed
- * Grading - Country (ABCD)
- * Profile - T&G





F-16-01

F-16-02

F-16-03

F-16-04

F-16-05

WALL PANEL

SPECIFICATION

* Size - 2800 x 1600 x 20mm

