PRIME SPC

4.5

BUATAN MALAYSIA
MADE IN MALAYSIA

SIRIM

floor score

SPC CLICK FLOORING

PRODUCT
STUCTURE

- UV Layer **1**
- Wear Resistant Layer **2**
- Decoration Layer **3**
- SPC Waterproof Vinyl Based Composite Layer **4**
- Underlayment Layer **5**
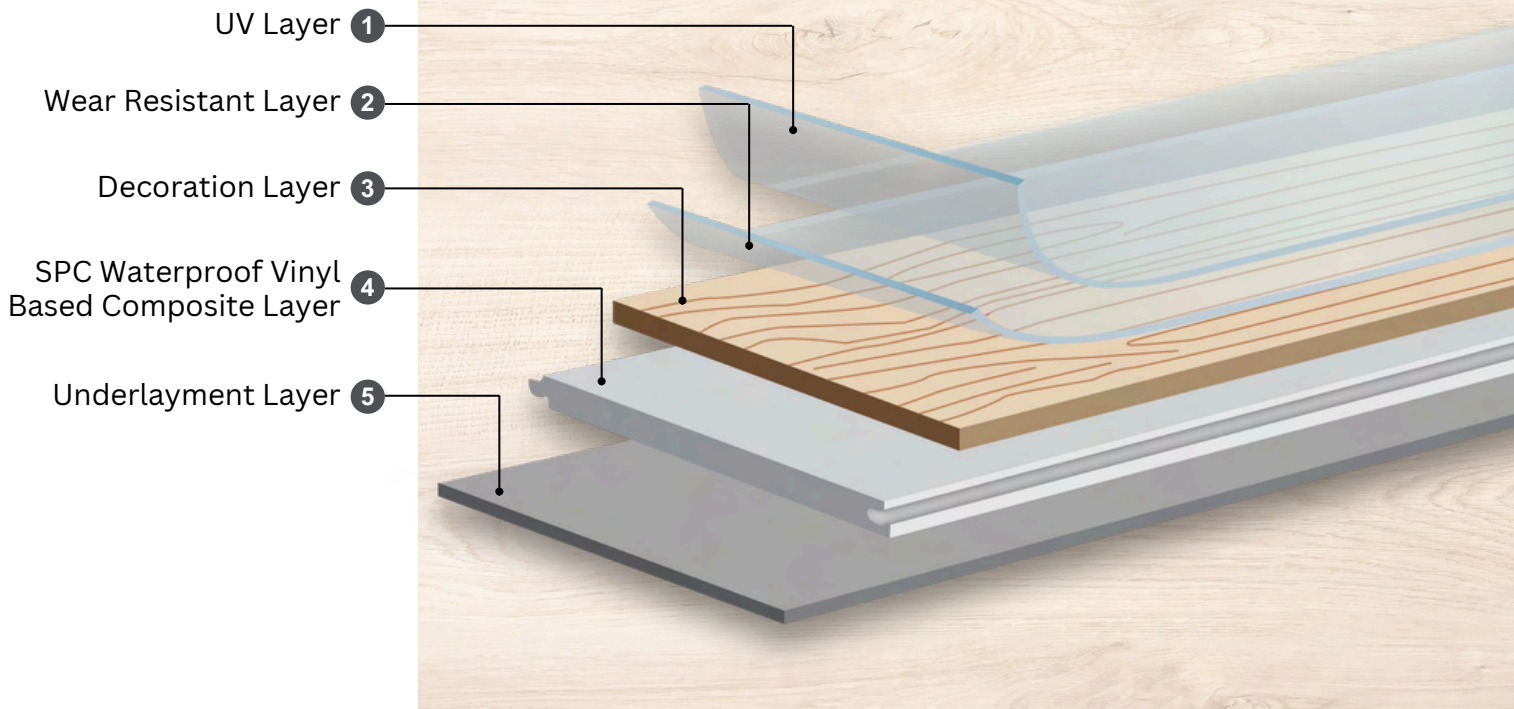
Tile Size : **184mm x 1220mm**   Total Thickness : **4.5mm**   Wear Layer : **0.3mm**

Packing : **12pcs / carton or 28.40sqft / carton**

COLOUR COLLECTIONS

590 - IVONY ASH

612 - AMAZON WALNUT

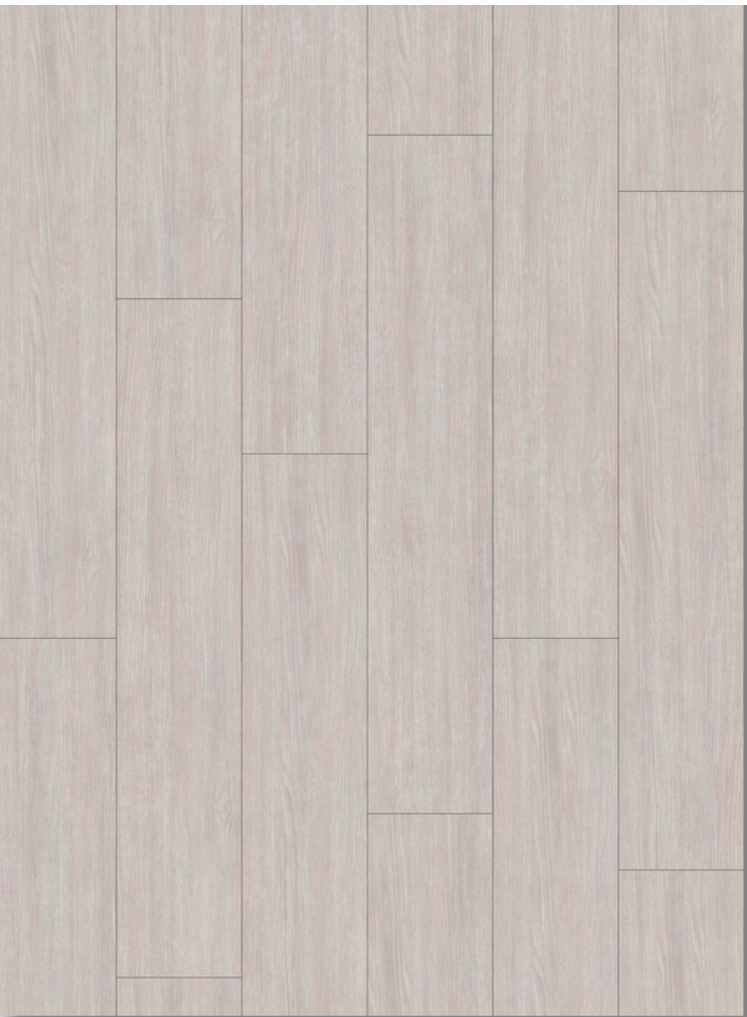**586** - BUTTER WOOD

650 - NEW POPLAR

585 - STORMY OAK

613 - SUNRISE OAK

587 - SUN TEAK

591 - ZEN WOOD

COLOUR NAME:

IVONY ASH

PRODUCT CODE:

590

COLOUR NAME:

BUTTER WOOD

PRODUCT CODE:

586

COLOUR NAME:

STORMY OAK

PRODUCT CODE:

585

COLOUR NAME:

SUN TEAK

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COLOUR NAME:

NEW POPLAR

PRODUCT CODE:

650

COLOUR NAME:

SUNRISE OAK

PRODUCT CODE:

613

COLOUR NAME:

ZEN WOOD

PRODUCT CODE:

591

PRIME SPC 4.5

PRODUCT SPECIFICATION

PRODUCT DESCRIPTION

Size	Overall Thickness	4.5mm
Top layer	Type	Enhanced UV cured coating
	Thickness	Wear layer of 0.3mm
Core	Type	Waterproof Vinyl based composite
	Thickness	4.2mm
	Color	Light Brown
	Density	≥ 2000kg/m3
Backing	Type	None
	Thickness	None
Bevel		Micro bevel
Locking system		2G/2G
Type of installation		Floating
Material Type		100% Virgin material only

DIMENSIONAL TOLERANCE

Thickness tolerance	+/- 0.2mm
Width tolerance	+/- 0.1mm
Length tolerance	+/- 0.5mm
Height difference	Handscraped texture ≤ 0.30mm, Others texture ≤ 0.15mm
Gap between planks	≤ 0.20mm
Cupping up	≤ 0.15% of the planks width
Cupping down	≤ 0.2% of the planks width
End lift	≤ 0.5% of the planks length
Bowing	≤ 1.0% of the planks length
Squareness	≤ 0.25mm/ 305mm

	Norm	Test method	Requirement	Test results	Conclusion
CHEMICAL COMPOSITION					
Formaldehyde emission	CARB	ASTM 6007	≤ 0.11 ppm	Not detected	Meet CARB phase 2 requirement
	EN 14041	EN 717-1	≤ 0.124 mg/m3	0.01	E0
VOC	Decret No2011-321	ISO 16000	TVOC<1000µg/m3	27(96h)	Pass
	Floorscore	Californian 01350	Within CREL/TAC	20.833	Floorscore certified
Ortho-phthalates	Prop 65	Spectrometry	Ortho-phtalate free	Not detected	Ortho-phthalate free, Comply with Prop 65
Substances of Very High Concern (SVHC) (mercury, chromium VI, Cadmium, SCCp, benzene, Xylene, tributyltin, etc)	EU REACH regulation No. 1907/2006	Spectrometry and chromatography	≤ 0.1% (w/w)	Not detected	REACH compliant
Soluble heavy metal		ASTM F963-11		Not detected	Pass
PHYSICAL PROPERTIES					
Heat exposure resistance 80°C/180°F	ASTM 1700v	ASTM F2199	ΔW/ΔL ≤ 0.16%	0.04%	Pass
Swelling after submersion in water	EN 16511	ISO 24336	≤ 12%	0%	Pass
Locking strength (23°C)	EN 16511	ISO 24334	Long side≥2.0 kN/m, Short side≥ 3.5kN/m	Long side = 6.3 kN/m, Short side =5.4 kN/m	Pass
Reaction to fire	EN 14041	EN 13051-1	-	CHF=9.4kW/m²	Class Bfl -S1
Fire resistance (CHF)	-	ASTM E648	≥0.45W/cm²	1.1 W/cm²	Class I
SURFACE PROPERTIES					
Wear resistance	-	ISO 1518-1	≤ 0.015g/1000 rev	0.008	Pass
	EN 16511	EN 13329	≥ 4000 cycles	6300	Pass
	NALFA LF 01-2011	NALFA LF 01-2011	≥ 6000 cycles	6300	Pass
Scratch	-	ISO 1518-1	≥ 2500g	3200g	Pass
Surface bonding	NALFA LF 01-2011	EN311/NALFA LF 01-2011	≥ 1.5 N/mm²	1.56 N/mm²	Pass
Static load	NALFA LF 01-2011	ASTM F970	≥ 13.8Mpa (2000psi/450kg)	0mm - Pass	Pass
Residual indentation	ASTM F1700	ASTM F1914	≤ 8% (140 lbs/63kg)	0.10%	Pass

SPC FLOOR BENEFITS

Comparison

Different Types	PRIME SPC Floor	Regular Vinyl	Laminate floor
Rigid core for click with a easy & fast installation	✓	X	✓
Suitable for small imperfections under floor	✓	X	✓
Little under floor preparatation required	✓	X	✓
Stability in high temperature environment	✓	X	✓
Stability in high Humid environment	✓	X	X
Stability in rooms with sun lights	✓	X	✓
Perfect sound absorbent	✓	✓	X
Water-resistance, install in bathroom and laundry room	✓	✓	X
Core free of plasticizers	✓	X	X
Core free of formaldehyde	✓	✓	X
Indentation & impacts resistance	✓	X	✓
Easy to install with drop-down lock system	✓	X	✓

SUITABLE FOR RESIDENTIAL

WEAR RESISTANCE

ANTI-TERMITES

ABRASION RESISTANCE

SCRATCH RESISTANCE

WATER RESISTANCE

SLIP RESISTANCE

FLAME RETARDANCE

DURABLE

EASY CLEANING

ADVANTAGES

Flexibility design options
Available in various kinds of colors, customzied is possible.

Durable
High density rigid core, much stronger than regular vinyl and enhanced click system.

Water-resistance
100% water resistance, can be installed in bathroom and kitchen.

Stable
It's with very tiny dimension changing or deforming under 80 Centigrade hot temperature.

Easy DIY
Glue free, easy installation with click & lock system.

Eco-friendly
Safe & sustainable, say goodbye to formaldehyde.

Sound reduction
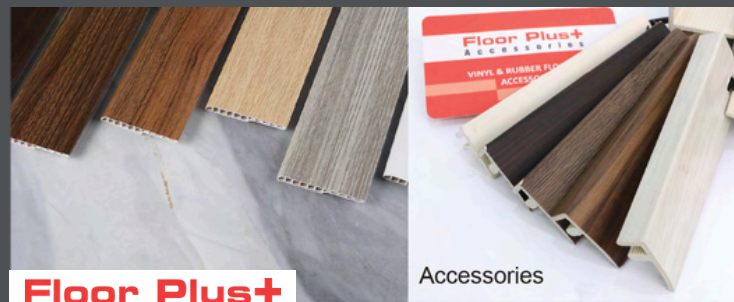Reduce noise because of extursion technical and high density.

Easy to Clean
Convenient maintenance by simple mopping.

FLOORING ACCESSORIES

Underlay

Accessories

Floor Plus+
Accessories

Floor Protector

Vinyl Glue • Sealant • Ca Glue • Self Levelling Materials

PRIMELAY®
FLOOR + WALL

OUR BRANDS

PRIME SPC

ELEGANT CLIQ

KAYU PLUS+
LAMINATE FLOORING

L I V I N N

PRIME FLOOR

CARPET TILE

BROADLOOM CARPETS

MOSQUE CARPETS

URBAN CLIQ

FIRST CHOICE

Yes!

Floor Plus+
Accessories

PRIMEFIT

PRIME Play

PRIME Décor

PRIME Ballistic

PRIME Sports

PRIME Paver

PRIMO Flex

Grass King

AcousTEC UNDERLAY

DURAFORT UNDERLAY

AktivMAT

ActivX Sports Surface

PRIMELAY®
FLOOR + WALL

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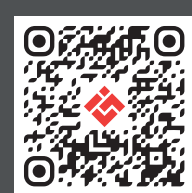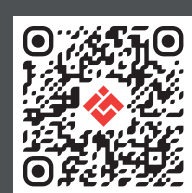📱 +6017-556 0103

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