

LUXURY Vinyl Wooden Plank

SPC:180x1220x5mm TECHNOLOGY DATA

Product Information

Construction - Stone Plastic Composite (Rigid Core SPC)

International Specifications - ASTM F1700, Class III, Type B embossed surface

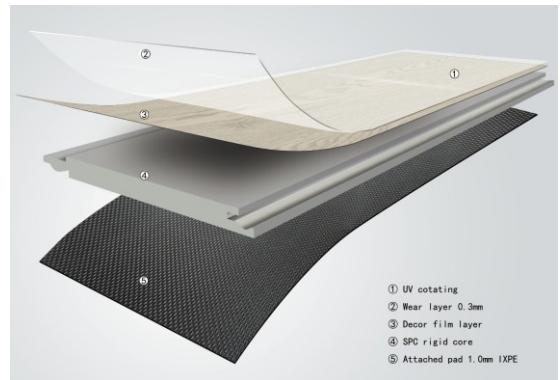
Overall Thickness - 5.0mm (4mm+1mm IXPE underlayment)

Wear Layer Thickness - 0.3mm

Installation - UNICLIC Patented Technology

Fireproof Grade - Bfl-S1

Waterproof- 100%



Packaging

Sizes	Pieces per Carton/Coverage	Shipping Weight per Carton
width x length x thickness 180 x 1220 x 5.0mm	10pcs/2.196sqm/Carton	18.5kgs/carton

Testing

ASTM F1700

Performance	Test Method	Requirement	Performance vs. Requirement
Thickness	ASTM F386	Nominal ± 0.005 in.	Meets
Wear Layer Thickness	ASTM F410	0.020 in. (0.5 mm) minimum for Commercial Use	Parallel USA 20 - Meets
Size	ASTM F2421/F2055	± 0.016 in. per linear foot	Meets
Squareness	ASTM F2421/F2055	0.010 in. maximum	Meets
Residual Indentation	ASTM F1914	Average less than 8%	Meets
Dimensional Stability	Internal	≤ 0.008 in. per linear ft. MD ≤ 0.008 in. per lin. ft. AMD	Meets
Chemical Resistance	ASTM F925	No more than slight change in surface dulling, attack or staining	Meets
Resistance to Heat	ASTM F1514	$\Delta E < 3$	Meets
Resistance to Light	ASTM F1515	$\Delta E < 3$	Meets
Static Load Resistance @ 250	ASTM F970	< 0.008 in.	Meets

Additional Testing

Static Load Resistance	ASTM F970*	≤ 0.008 in.	2000 psi
Fire Test Data - Flame Spread	ASTM E648	0.45 W/cm ² or more Class 1	Meets
Fire Test Data - Smoke Evolution	ASTM E 84	450 or less	Meets
Fire Test Data - Canada	CAN/ULCS-102.2	Use dependent	Parallel 20: Flame Spread - 5; Smoke Developed - 75 Parallel 12: Flame Spread - 0; Smoke Developed - 50
ADA Standards for Accessible Design	Chapter 3, Section 302.1	Floor surfaces shall be stable, firm and slip resistant	Meets
Static Coefficient of Friction**	ASTM D2047/UL 410	≥ 0.5	Meets



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Sustainability

WELL v1 Feature

Air	Feature 04 - VOC Reduction
	Feature 11 - Fundamental Material Safety
	Feature 25 - Toxic Material Reduction
Mind	Feature 97 - Material Transparency
	Feature 88 (Part 2) Biophilia I - Qualitative
	Feature 99 - Beauty and Design II

Milky Way SPC

Contribution

✓	Tested and third party certified by FloorScore® as complying with CDPH v1.2
✓	Product is free of asbestos and added lead (Part 1)
✓	Free of flame retardants (Part 2) and phthalates (Part 3)
✓	Readily available Health Product Declaration® (HPD) to 1000 ppm
✓	Products available that incorporate nature patterns
✓	Patterns and colors to aid in wayfinding and spatial familiarity (Part 3)

WELL v2 Feature

Materials	Feature X01.1
	Material Restrictions
	Feature X05.1
	Enhanced Material Restrictions
	Feature X06.1
	VOC Restrictions
	Feature X06.2
	VOC Restrictions
	Feature X07.1
	Material Transparency
Mind	Feature M02.1
	Nature and Place
Community	Feature C13 (Part 2)
	Accessibility and Universal Design

Milky Way SPC

Contribution

✓	Product is free of asbestos
✓	Free of flame retardants (Part 2) and phthalates (Part 3)
✓	Adhesives associated with product are tested and third party certified by FloorScore as complying with CDPH v1.2
✓	Flooring is tested and third party certified by FloorScore as complying with CDPH v1.2
✓	Readily available Health Product Declaration (HPD) to 1000 ppm
✓	Products available that incorporate nature patterns
✓	Patterns and colors to aid in wayfinding and spatial familiarity

Milky Way

BPDO - EPD
BPDO - Material Ingredient
BPDO - Sourcing
Low Emitting Flooring
Low Emitting Adhesives
SCAQMD #1168 Compliant.
Adhesives meet <50 g/L requirement

Milky Way SPC

Third Party certified Product Specific
HPD
29% pre-consumer recycled content
EPR - On&On Recycling Program
Tested and third party certified by FloorScore as complying with CDPH v1.2
Tested and compliant to CDPH v1.2; Methylene Chloride and Perchloroethylene not intentionally added; FloorScore Certified
S-995 - 0 g/L
S-319 Roll Strong - 0 g/L
S-1000 - 0.1 g/L

Carbon Footprint

Global Warming Potential, including Biogenic Carbon
Raw Materials (A1) through Production (A3)

Milky Way SPC

0.64 Kg CO ₂ eq. / square foot
(6.88 Kg CO ₂ eq. / square meter)

Limited Warranty

Milky Way SPC

15-year Commercial; 20-year Residential Warranty when installed in strict accordance with the detailed instructions.

Floor Score® is the most recognized indoor air quality (IAQ) certification standard for hard surface flooring material adhesives, and underlays. Developed by SCS with the Resilient Floor Covering Institute (RFCI), a leading industry association of flooring manufacturers and suppliers, it qualifies for many green building schemes including LEE.

Products that are GREENGUARD® Certified for low chemical emissions can contribute to the creation of healthier indoor environments and are scientifically proven to meet some of the world's most rigorous third-party chemical emissions Standards. DV4, WELL, BREEAM, and CHPS.

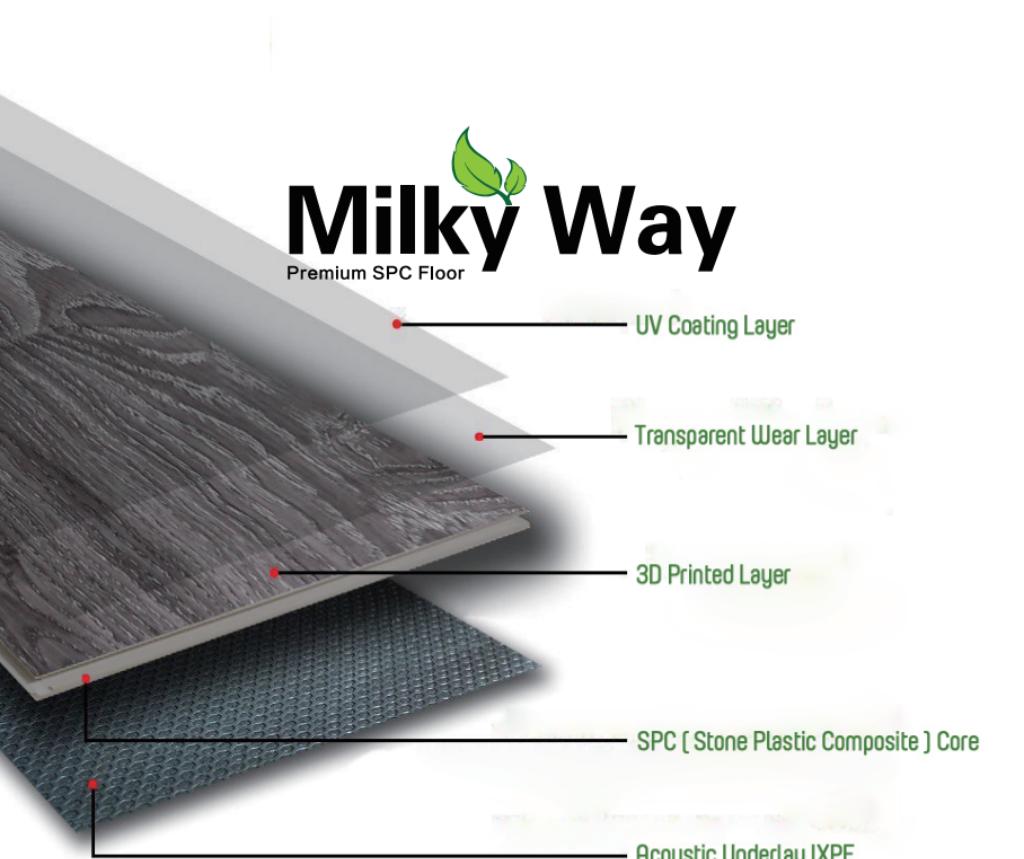
Many products require CE marking before they can be sold in the EEA (European Economic Area) which comprises the 28 EU Member States and EEA EFTA Countries (Iceland, Lichtenstein and Norway). CE marking proves that your product has been assessed and meets EU safety, health and environmental protection requirements. It is valid for products manufactured both inside and outside the EEA, that are then marketed inside the EEA.

ISO 9001 is for quality management. Quality refers to all those features of a product (or service) which are required by the customer.

Quality management means what the organization does to ensure that its products or services satisfy the customer's quality requirements and comply with any regulations applicable to those products or services.

The French VOC Label A+ is the highest environmental label among French VOC labels, and the following are A, B and C. The highest grade A+ corresponding to total VOC emissions of <1,000 ug/m³, measured 28 days after product installation, for our SPC and LVT floor coverings are grade A+.





Milky Way

Premium SPC Floor

UV Coating Layer

Transparent Wear Layer

3D Printed Layer

SPC [Stone Plastic Composite] Core

Acoustic Underlay IXPE

PRODUCT SPECIFICATIONS

5mm

Overall Thickness

1.0mm

IXPE acoustic backing

1220*180mm

Dimensions

2.196

Sqm / Carton

20years

Warranty

100%

virgin material



NO.12818Q20176R0S





Premium SPC
Click-Lock Flooring

Installation Guide

Note: SPC flooring already has an acoustic backing attached – no underlay needed.

**STEP
1**

Prep the Subfloor



- Make sure the subfloor is clean, dry and level.

**STEP
2**

Measure & Cut Planks



- Measure and cut the planks to fit your space as needed.

**STEP
3**

Angle & Click Planks (Long Side)



- Angle the plank at 20°-30° and click it into the long side.

**STEP
4**

Click Planks Together (Short Side)



- Press down to click planks firmly together

**STEP
5**

Tap Planks into Place

- Use a tapping block & rubber mallet to secure the planks



- Use a tapping block & rubber mallet to secure the planks