

Belstone
BEYOND THE SURFACE™

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SPC FLOORING
by Belstone















OUR
PRODUCT

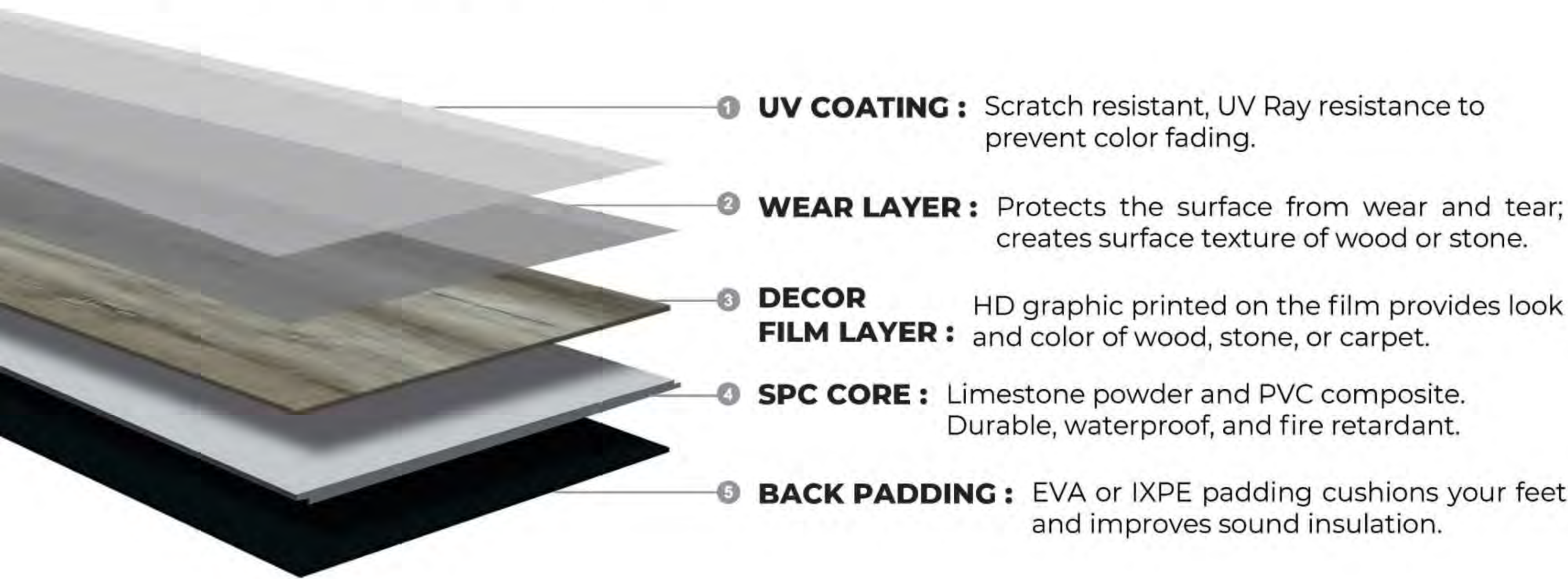
TECHNICAL
INFORMATION

CHARACTERISTICS	ICON	STANDARDS	MINIMUM REQUIREMENTS	RESULT
Floorscore Certification		SCS-EC10.3-2014v3.0	Refer to Standards	Pass
CE Certification		EN14041	Refer to Standards	Pass
Fire Resistance		EN 9239-1 EN ISO11925-2 EN 13501-1	Critical Flux>8.0kw/m Fs<150mm within 20s Smoke<750% minutes	Bfl-s1
Slip Resistance		EN13893	N/A	Class DS
Phthalate Tests (DBP/BBP/DEHP/DINP/DNOP/DIDP)		EN14372:2004	N/A	Free
Dimension Stability		ASTM F2199-09(R2014)	<0.25%	MD: -0.046% TD: -0.009%
Sean Strength		EN 684:1995	N/A	Ave : 360N/50mm Pass Min : 330N/50mm
Residual Indentation (%)		ASTM F1700-13a & ASTM F1914-07(2011)	Average value <8 Individual value <10	0.4 Pass
Resistance To Chemicals		ASTM F1700-13a & ASTM F925-13	No more than a slight change in surface dulling, surface attack, or staining	No change in surface dulling, surface attack, or staining was detected
Heat Stability		ASTM F1514-03(R2013)	Δ E* ab<8	Δ E* ab=0.67 Pass

CHARACTERISTICS	ICON	STANDARDS	MINIMUM REQUIREMENTS	RESULT
Recovery Under Static Load		ASTM F970-17	N/A	0.04mm Pass
Large Ball Impact Resistance		NALFA/ANSI LF-01-2011	N/A	No cracks or fractures occurred at the height of 2500mm
Static Electrical Propensity		EN 1815:2016 method A	≤2kV	0.2kV
Impact Insulation Class with 1.5mm Padding		ASTM E492-09(2016) ASTM E989-12	N/A	I IC=65
Sound Transmission Class with 1.5mm Padding		ASTM E90-2009(R2016) ASTM E413-10	N/A	STC=62
Formaldehyde		ISO 17226-1:2008	N/A	Free
Peel Resistance		EN ISO 24345:2012	>54N/50mm	Longitudinal direction: 95N/50mm Cross direction: 95N/50mm
Castor Chair Test		ASTM D4060	N/A	Pass 25000 cycles
Thermal Conductivity		EN 12667:2001	N/A	0.154 W/(m.k)
Thermal Resistance		EN 12667:2001	N/A	0.033 (m ₂ .K)/w

INTRODUCTION

SPC, which stands for Stone Plastic Composite, features a core that comprises mostly of calcium carbonate (limestone), in addition to polyvinyl chloride and plasticizers. SPC is the newest product in the flooring market. SPC floor overcomes disadvantages and replaces traditional products such as plastic flooring, LVT flooring, natural wood flooring, Industrial wood, among others. Some benefits include being 100% waterproof, having eye-catching patterns, and easy installation.

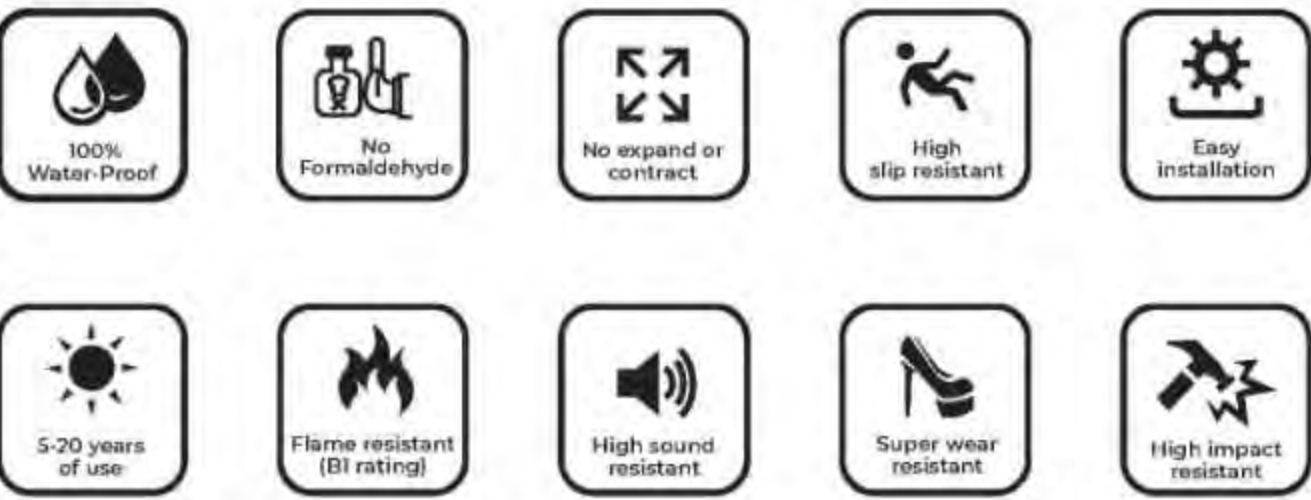


CLASSIFICATION

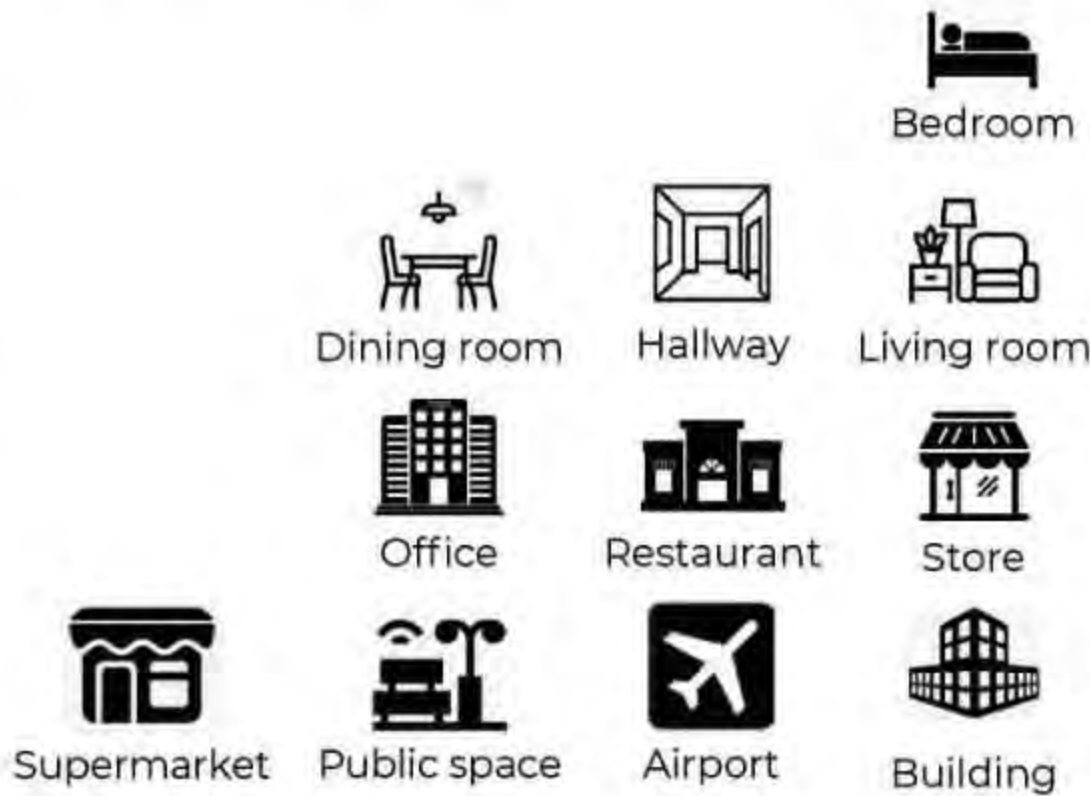
	CLASSIC (mm)	PREMIUM (mm)
CORE THICKNESS	4	5 - 7
WEAR LAYER	0.3 (12 mil)	0.5 (20 mil) - 0.7 (28 mil)
BACK LAYER WITH EVA / IXPE	1.0 - 1.5	1.0 - 2.0
SURFACE FINISH	Embossed	Registered Embossing
BEVEL	Micro	Micro / Painted

WHY CHOOSE SPC?

OUTSTANDING FEATURES :



VERSATILITY:



Wear layer thickness (AC Rating)

- 0.2 mm
AC1 (Class 21)-AC2 (Class 22)
- 0.3 mm
AC3 (Class 23/31)
- 0.5 mm
AC3 (Class 31) - AC4 (Class 32)
- 0.7 mm
AC 5 (Class 33) - AC6 (Class 34)

Bridges Collection



CHAPEL
P-721



GREAT BELT
P-728



BROOKLYN
P-723



SYDNEY HARBOUR
P-724



RIALTO
P-722



TOWER
P-729



GOLDEN GATE
P-726



CHARLES BRIDGE
P-727



HELIX
P-730



ROYAL GORGE
P-725



Size: 60" x 9 1/16" x 5mm w/ 1.5mm IXPE pad attached
Wear Layer: 20m
Thickness: 6.5mm
Edge Style: Painted Beveled

Trails Collection



RUNYON CANYON
N-940



RUSTIC CANYON
N-934



ECHO MOUNTAIN
P-935



ESCONDIDO FALLS
N-945



MURPHY RANCH
N-938



PACIFIC CREST
N-931



JENNY LAKE
N-937



APALACHIAN TRAIL
N-932



LEWIS & CLARK
N-943



BRYCE CANYON
N-933



ZION PARK
N-936



JOHN MUIR TRAIL
N-939



MOUNT WHITNEY
N-944



CATHEDRAL ROCK
N-942

Size: 48" x 9 1/16" x 5.5mm w/ 1mm special EVA pad attached

Wear Layer: 12m

Thickness: 5.5mm

Edge Style: Micro Beveled