

TECHNICAL DATA SHEET

FOREST

Description:	SPC FLOORING
Physical Properties	(Stone Plastic Composite vinyl plank)
Composition:	4mm SPC core (65%Limestone +35% Virgin PVC composite, not contain plasticizer)
	2050-2070kgs/m3
	density
Finish:	Deep embossed texture
Wear-layer:	0.5mm wear-layer for commercial and residential
Gloss Level	5%-7%
Profile:	Unilin click locking system
Edge:	Micro-bevel
Installation:	Unilin fast installation click, Glue free.
Size/Packaging:	Plank size 1220x228x4mm+1mmEVA

Certificates	SGS,Floor Score,
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Detailed Technical Data:

Properties	Test Method	Unit	Test Result		Remarks
Dimensional stability (Expansion or shrinking)	BS EN ISO 23999:2012	%	Manufacturing direction	0.05	Heating temperature: 80℃ Heating time: 8h
			Across-manufacturing direction	0.02	
Curling after exposure to heat		mm	0		
Peel Resistance (top layer)	BS EN ISO 24345:2012	N/50m m	Machine direction	97N/50m m	Loading rate: 100mm/min
			Across machine	88N/50m m	
Residual indentation	EN ISO 24343-1:2012	mm	0.03		Pass
Staining and resistance to chemical	EN ISO 26987:2012	/	Not affected		Pass
Wear resistance	EN 660-2:1999 +A1:2003	/	Wear group: T		Pass
Color fastness to light	EN ISO 105-B02:2014	/	Grade (Bluewood Std) 6		Meets requirement
Effect of a castor chair	EN 425:2002	/	No visible damage		Pass
Slip resistance	DIN 51130:2014-02	/	Critical angle of inclination: 12.0°	R11	Pass
RoHS Directive 2011/65/EU	IEC 62321		Not Detected		Pass
Phthalates test (DBP, BBP, DEHP,DINP, DNOP, DIDP, DnHP)	EN14372:2004		Not Detected		Meets requirement
REACH	Regulation (EC) No 1907/2016 REACH	%	According to the specified scope and evaluation screening, the test results of SVHC are less than 0.1%(w/w)		169 Substances of Very High Concern(SVHC) for authorization by European Chemicals were Not Detected.
Fire-resistant rate = Bfl-S1	EN ISO 9239-1	/	Critical flux (kW/m2)	≥11	Result: Bfl-S1
			Smoke (%xminutes)	160	
	EN ISO 11925-2 Expsure = 15s	/	Fs ≤ 150 mm	YES	
VOC (Floorscore)	CDPH/EHLB/Standard Method V1.2	/	35 types of chemicals		Pass
Determination of ImpactSound Insulation Class	ASTM E492-09(2016) ASTM E989-21	/	IIC=69		Pass