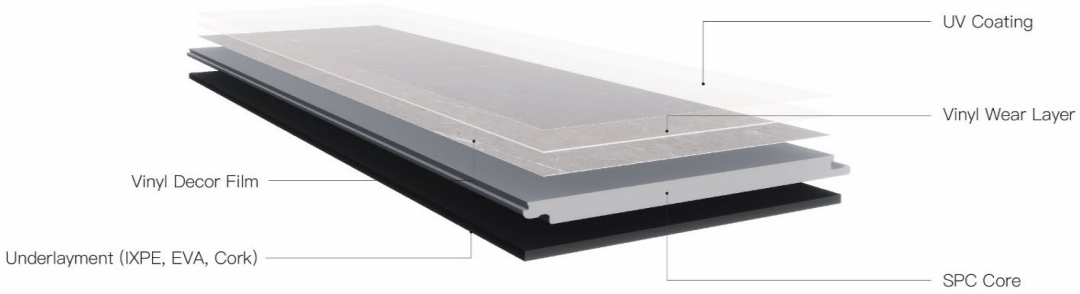
HUALIfloors

SPC-Technical Datasheet

Structure



Test Standards - Safety and Performance

	Standard	Requirement	Result
Side length	ISO 24342	Deviation ≤ 0.15 % of nominal length up to 0.5 mm maximum	Pass
Width	ISO 24342	Deviation ≤ 0.10 % up to 0.5 mm maximum	Pass
Squareness and straightness	ISO 24342	≤0.35mm	Pass
Overall thickness	ISO 24346	Average + 0.13 /-0.1mm without underlayment Average + 0.20 /-0.20mm with underlayment	Pass
wear layer thickness	ISO 24340	Average +13% /-10%no more than 0,05 mm or 15 % below the mean	Pass
Total mass per unit area	ISO 23997	Nominal value +13% /-10%	Pass
Dimensional stability	ISO 23999	≤0.10%	Pass
Curling after exposure to heat	ISO 23999	±2.0mm	Pass
Residual indentation	ISO 24343-1	≤0.10 mm	Pass
Effect of castor chair	ISO4918	≥25000 cycles,No damage without underlayment ≥15000 cycles,No damage with underlayment	Pass
Colorfastness to light	ISO 105-B02	≥6 grade	Pass
Opening Between Elements	ISO10582	Average ≤ 0.10 mm, Individual values ≤0.15 mm	Pass
Height Difference	ISO10582	Average ≤ 0.10 mm, Individual values ≤0.15 mm	Pass
Abrasion Resistance	EN 13329 (S-42, 200 cycle change)	IP≥4000cycles 0.5mm Wear layer IP≥1800cycles 0.3mm Wear layer	Pass
Gloss Retention	EN16094 A	Rating 1	Pass
Micro-scratch Resistance	EN16094 B	≥ Rating 2	Pass
Scratch Resistance	IS01518-1	≥2000g	Pass
Gloss	ISO 2813	±2	Pass
Click strength	ISO10582	≥2 kN/m	Pass
Peeling resistance	ISO24345	≥50N/50mm	Pass
Furniture Leg	EN424	Type 0 No damage	Pass
Resistance to chemicals	ISO26987	Class 0	Pass

Fire classifiaction	EN 13501-1	Bf1-S1	CE Pass
Formaldehyde emission	**EN 717-1**	E1	CE Pass
Heavy metal	EN 71-3 ASTM F963	ND	Pass
Phthalate	CPSC-CH-C1001-09.3	DBP,DEHP,BBP,DINP, DNOP, DIDP,DIBP,DnHP,DCHP≤0.1%	ND,Pass
TVOC emission	AGBB、A+	Pass	Pass
Slip resistance	EN 13893	DS ≥0.3	Pass
Slip resistance	DIN 51130	≥R9	Pass
Sound impact absorption	ISO717-2	with underlayment	△LW=19dB