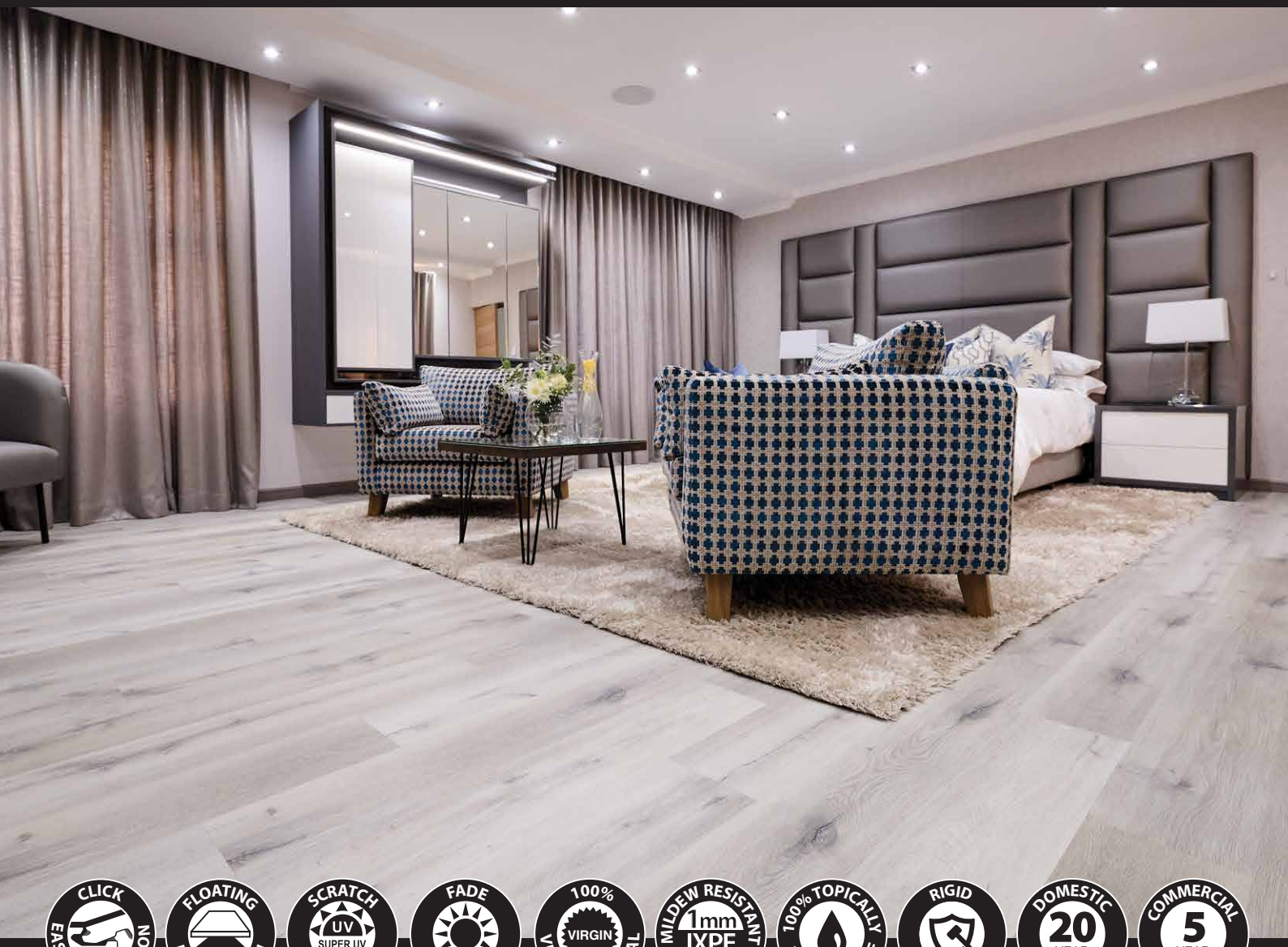
Sapphire SPC



CLICK EASY INSTALLATION · FLOATING INSTALLATION · SCRATCH UV SUPER UV COATING RESISTANT · FADE RESISTANT · 100% VIRGIN VIRGIN MATERIAL · MILDEW RESISTANT 1mm IXPE UNDERLAY · 100% TOPICALLY WATER PROOF · RIGID DURABLE · DOMESTIC 20 YEAR WARRANTY · COMMERCIAL 5 YEAR WARRANTY

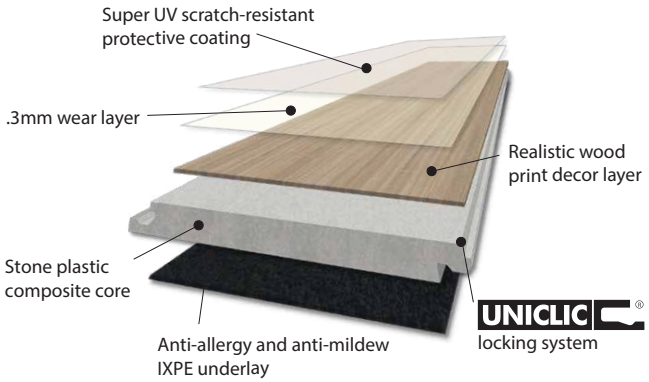
Sapphire SPC WIDE Board

Residential vinyl flooring

Plank dimensions: 1230 x 228 x 5.5mm (2.24 sqm/box)

Sapphire SPC WIDE Board

SPECIFICATIONS	RIGID CORE SPC TECHNOLOGY
Construction	Rigid core stone plastic composite vinyl
Total thickness	5.5mm including 0.3mm SUPER UV wear layer & attached 1mm IXPE underlay
Plank dimensions	1230 x 228 x 5.5mm
Texture option/Surface finish	EIR or Antique wood finish and 4-sided micro bevel
Installation method	Click system (Glue-less installation)
Warranty	20 years heavy domestic 5 years light commercial
Waterproof	100% waterproof from Topical water or pure uncontaminated water



TECHNICAL DATA	RIGID CORE SPC TECHNOLOGY		
TEST	**STANDARD**	**REQUIREMENTS**	**RESULT**
Dimensional squareness and straightness	EN426	Size: <0.15% from Nominal If size <400mm: <0.25mm If size >400mm:<0.34mm	Pass Pass Pass
Dimensional stability and curling	EN436 EN436	Stability: 0.15% Curling: ≤1.2mm	Surpasses Requirements Surpasses Requirements
Abrasion/Wear resistance	EN660-2		Fv<2.0mm^3/100r
Castor Chair	ISO4918	After 25,000 cycles: Delamination – none. Appearance < "slight Change"	Passes Requirements.
Flexibility	EN435	No cracks (20mm Mandrel)	Passes Requirements
Chemical resistance	EN423	N/A	No Effect
Sound Reduction	EN ISO 10140-3 ISO 717-2 EN ISO 140-8	N/A	^Lw = 11dB C1^= -6dB
Colour fastness to light	ISO 105-B02, method 3	≥ Grade 6	Surpasses Requirements
Residual indentation	EN 433	≤0.1mm	Surpasses Requirements
Slip resistance (Dry)	EN 13893	Class DS: Coefficient of Friction >0.30	Passes/surpasses requirements
Slip Resistance (Wet)	DIN 51130	Grade R10:>10° and <19°	Passes/Surpasses requirements
Reaction to Fire (and smoke Production)	EN 13501-1	Bf1-S1 Classification: Critical Flux:>8.0KW/m^2, Flame Spread: <150mm within 20s, Smoke value as % x min:<750.	Passes Requirements.
Formaldehyde Emission	EN717-1	Class EO: Release<0.05mg/m^3	0 mg.m^3
Thermal Resistance	EN12667	N/A	0.21149W/mk@25°C
Product-Content Safety	REACH SVHC 163	N/A	Passes Requirements

CERTIFICATES

MEMBER OF

floor score

SGS

ISO 14001
Environment Management System

CE

SAWLFA
Flooring Association

KEY INSTALLATION CONSIDERATIONS FOR RESIDENTIAL & COMMERCIAL APPLICATIONS	
Subfloor flatness tolerances	Flat to 4.7mm per 3.3meter radius
Vapor Barrier must be used This is to protect against high levels of moisture vapour emissions, hydro static pressure and High levels of Alkalinity. This is highly corrosive and will damage the floor over time	Painted or 200 micron black plastic Ensure that all screeds are dry & within specification prior to installing
Is underlayment (pad) recommended	No - IXPE pad attached
Acclimatisation requirements	24 hours recommended
Transition requirements (T-Mold) for large spaces /Doorways and thresholds	Required when in excess of recommended floor coverage. ***N.B. Recommended coverage in an uncontrolled environment is 10lin.m x 15lin.m***
Installation over existing ceramic tile floor	Filling in grout lines wider than 3.5mm/deeper than 3mm is required
Subfloor RH/MVER (Moisture vapour emission rate) recommendations	85% RH/8 lbs MVER (Moisture vapour emission rate)
Radiant heat	Not to exceed 28° C
Perimeter expansion requirements	Expansion gap must be 10mm within the total floor coverage. Expansion gap to be covered with a 1⁄4 round or skirting on perimeter walls & around heavy fixed objects
Optimal interior environmental conditions	18°– 30°C and 60% - 80% RH
Fitted cabinets	Do not install cabinets on floor planks/panels
Extreme temperature	Should be maintained between -3°C and 50°C

PRE-INSTALLATION SUBFLOOR REQUIREMENTS

All Subfloors must be:

- Dry
- Clean: Thoroughly swept and free of all debris
- Structurally sound
- Level: Flat to 4.7mm per 3.3 meters radius.