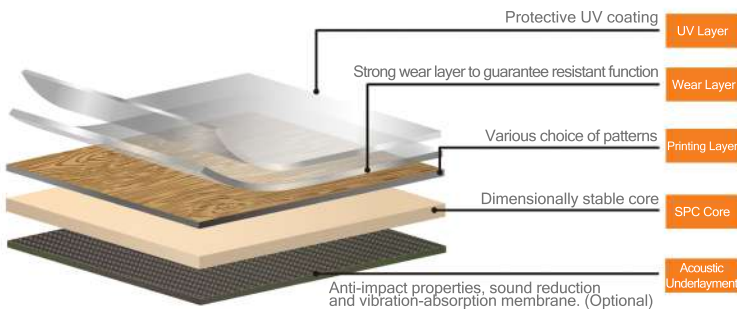


ProTier SPC / Stone Core Vinyl Flooring is considered the new generation of floor covering. It is an upgrade and improvement of regular luxury vinyl flooring which employs extrude technology to provide a very stable composite flooring with a rigid polymer core substrate. It is a completely eco-friendly flooring material for both residential and public environments.

## CONSTRUCTIONS

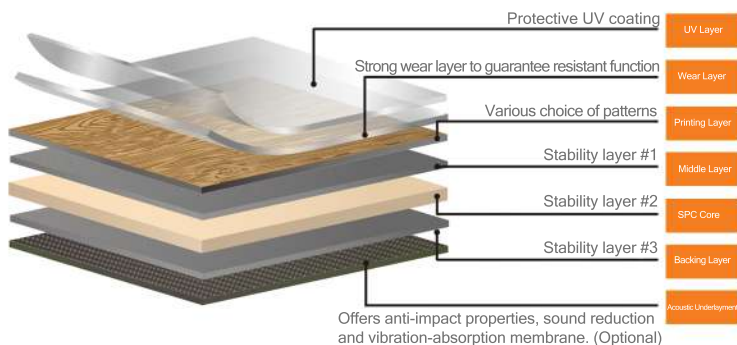
### ONE

Original SPC plank & tile  
Rigid core vinyl flooring  
with attached IXPE underlayment

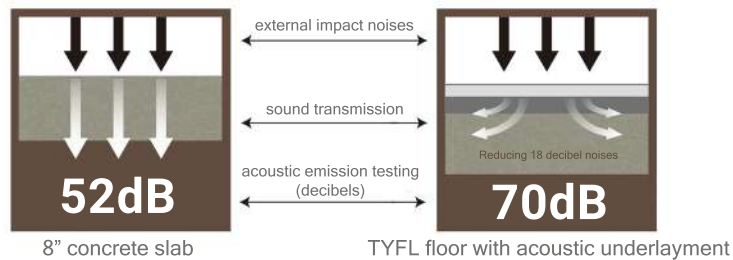


### PLUS

Engineered SPC plank & tile  
Rigid core vinyl flooring  
composited with two PVC layer  
and attached IXPE underlayment



- Contributes to recycling eco-friendly flooring and offers innocuous, harmless, none radiation, zero-formaldehyde released collection, phenol free, phthalate free and no heavy metal.
- A great variety of patterns; thermal conduction and heat retention; Acid and Alkali resistance; Bacteriostatic and Mold-proof; Excellent fire retardant.
- 100% waterproof; excellent resistance to slipping with added toughness; Impact resistance; excellent resistance to scratches, abrasion scuffing, soiling and staining; sound absorption and noise reduction.
- Featuring UV-cured urethane coating for easier cleaning and maintenance.
- Employs unique VALINGE locking technology to provide glueless installation.
- Optional IXPE or EVA foam underlayment. Providing a high impact sound reduction level, excellent anti-impact properties and vibration-absorption effect, it is suitable for uneven ground and adds comfort when walking.



- Environmental-friendly
- Recyclable
- Formaldehyde Free
- Non-toxic & Harmless
- Fire Retardant
- Bacteriostatic & Mold-proof
- Slip Resistance
- Waterproofing
- Sound Absorption
- Acid & Alkali Resistance
- Impact Toughness
- Wear Resistance

# SPECIFICATION

Collection	Pattern	Size	Thickness	Wear Layer	PVC Layer	SPC Core	Bevel	Finish	Underlayment	Packing
<b>ONE</b>	Wood	7"x48"	5.5 mm	0.5 mm	-	4.0 mm	Yes	EIR	1.0 mm IXPE	10 pcs/carton
		7"x54"	5.5 mm	0.5 mm	-	4.0 mm	Yes	Embossed	1.0 mm IXPE	10 pcs/carton
	Stone	7"x60"	5.5 mm	0.5 mm	-	4.0 mm	Yes	EIR	1.0 mm IXPE	9 pcs/carton
		9"x60"	8.0 mm	0.7 mm	-	5.3 mm	Yes	Embossed	2.0 mm IXPE	5 pcs/carton
<b>PLUS</b>	Wood	7"x54"	6.5 mm	0.3 mm	1.7 mm	3.3 mm	Yes	Embossed	1.5 mm IXPE	8 pcs/carton
		9"x60"	6.5 mm	0.3 mm	1.7 mm	3.3 mm	Yes	EIR	1.5 mm IXPE	6 pcs/carton

## CODE

Product Collection Type Thickness Wear Layer Serial No. Special Process

S E S 5 5 3 0 1 - B E

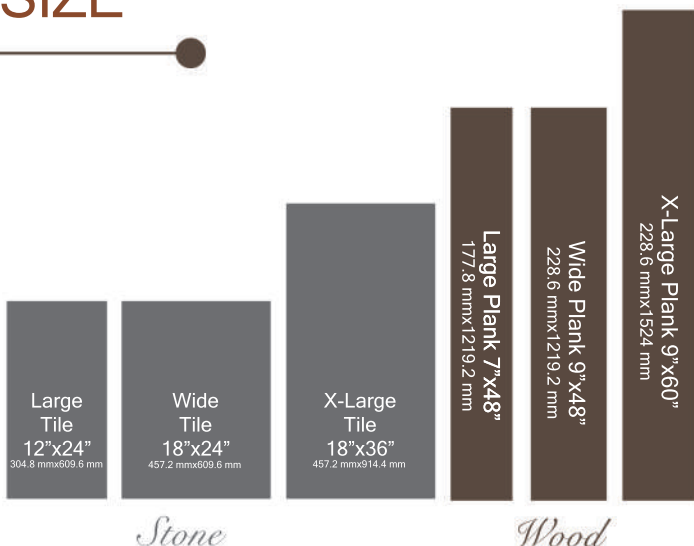
Product	Collection	Type	Thickness	Wear Layer	Serial No.	Special Process
L: LVT (Dry Back) S: SPC Vinyl Floors W: WPC Vinyl Floors C: Click Vinyl Floors F: Lose Lay	E: ONE S: PLUS	S: Stone W: Wood A: Art	20: 2.0 mm 25: 2.5 mm 30: 3.0 mm 32: 3.2 mm 40: 4.0 mm 50: 5.0 mm 55: 5.5 mm 60: 6.0 mm 65: 6.5 mm 70: 7.0 mm 75: 7.5 mm 80: 8.0 mm 85: 8.5 mm 90: 9.0 mm	1: 0.12 mm 2: 0.20 mm 3: 0.30 mm 4: 0.40 mm 5: 0.5/0.55 mm 7: 0.70 mm	01 ~ 99	1. B: Bevel P: Painted Bevel M: Micro Bevel R: Round Edge X: N/A 2. E: E.I.R.

## APPLICATIONS





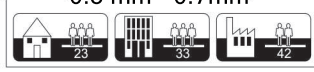

















The application places of Stone Core Floor are very wide. It is suitable for use in residential or commercial buildings as follows:

- Educational institutions (schools, training centers, kindergartens, etc.)
- Medical systems (hospitals, laboratories, sanitorium, etc.)
- Business areas (supermarkets, hotels, leisure centers, catering, stores, etc.)
- Sports places (stadiums, activity centers, etc.)
- Office spaces (office building, conference room, etc.)
- Industrial systems (factory buildings, warehouses, etc.)
- Transportation (airport, railway station, car station, dock, etc.)
- Home interiors (living room, bedroom, kitchen, home office, etc.)
- ★ Engineering recommendation  
3.2 mm/0.1 mm; 3.2 mm/0.2 mm; 3.5 mm/0.2 mm; 3.5 mm/0.3 mm;  
4.0 mm/0.3 mm; 4.0 mm/0.5 mm; 5.0 mm/0.3 mm; 5.0 mm/mm

## SIZE



Specification is subject to be changed without notice

CHARACTERISTICS		TEST METHOD	RESULT
	Overall thickness	ISO 24346 GB/T 4085	Nominal value +0.13 mm -0.10 mm
	Thickness-Wear layers	EN 429 GB/T 4085	0.3 mm /0.5 mm/0.7mm
	Performance classification	EN 685	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>0.3 mm</p>  </div> <div style="text-align: center;"> <p>0.5 mm - 0.7mm</p>  </div> </div>
	Total mass per unit area (average) g/m <sup>2</sup>	ISO 23997	Nominal value +13% -10%
	Side length Squareness & Straightness	ISO 24342	Deviation ≤ 0.15% → 0.5mm Max. ≤ 400 mm: ≤0.25 mm > 400 mm: ≤0.35 mm
	Peeling strenght of layers	EN 431 GB 11982.1	Pass
	Shear forces of layers	EN 432	Good
	Residual indentaion after static load	ISO 24343-1 EN433 GB/T 4085	≤ 0.1 mm
	Dimension stability after exposure to heat Curling after exposure to heat	ISO 23999 GB/T 4085	≤ 0.25 % Curling ≤ 2 mm
	Fexibility- 20mm mandrel	ISO 24344	No Damage
	Wear resistance	EN 660-2 ASTM F510	T级 ≤ 2.0 mm <sup>3</sup>
	Toxic	EN 71-3 GB/T 18586	Complies
	Color fastness to light	ISO 105-B02 GB/T 4085 ASTM F1515	6 Minimum
	Reaction to fire	ISO 1925-2 ASTM E662 ASTM F1514	NFPA Class B Bfl-s1
	Slip resistance	EN 13893 DIN 5130	R10
	Effect of castor chair	ISO 4918	≥ 25000 cycles
	Resistance to chemicals	ISO 26987 ASTM F925	Not affected
	Effects of stains	ISO 26987 EN 423 ASTM F925	Not affected
	Locking strength	ISO 24345	Thinkness ≥ 5.0 mm : ≥ 160 N/5cm < 5.0 mm : ≥ 160 N/5cm
	Impact Sound reduction	ASTM E492-09	56 dB - 70 dB