



GBTS

Residential - Commercial
Custom Architectural Finish Products

SPC FLOORING

Contact

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Quality – Reliability - Value

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**ONE STOP SHOP FOR
HOME FURNISHING**



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ABOUT US

We are a leading manufacturer in Vietnam of Stone Plastic Composite flooring (SPC) and other building materials.

Owns 2 strategic factories with a total capacity of up to 26 million m²/year.

- **Factory 1:** located in Nhon Trach II Industrial Park, Dong Nai, Vietnam with an area of up to **25,000 sqm**, **12 modern production lines** with a capacity of up to **12 million sqm**.
- **Factory 2:** located in Dinh Vu Industrial Park, Hai Phong, Vietnam, with an **area of 30,000 sqm**, **14** large capacity of up to **14 million sqm** per year.



CORE VALUE



VISION

We are on our way to be coming a leader in the global supply chain of stone plastic composite (SPC) product.



MISSION

- We respect, encourage and empower each member of our team to perform their job.
- We are committed to creating innovative, high-quality products, and providing them at the best value possible for our customers.
- We are working towards to better future for the community, organization and for each member of our team.

TECHNOLOGY



Embossed in Register(EIR) Technology – Perfect Engraving.



Patten Locking technology from Unilin (Belgium) makes a difference.



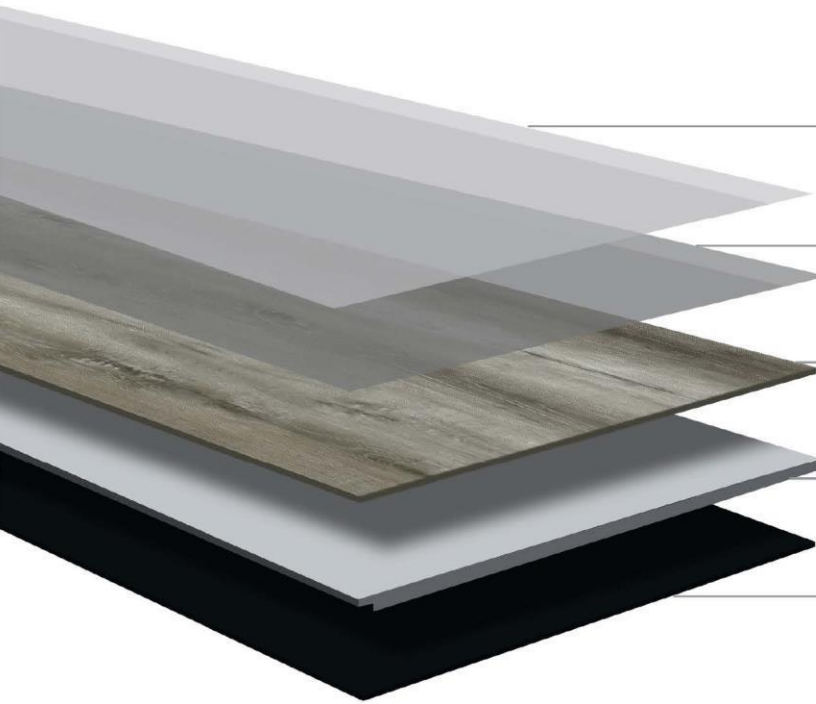
Co-Extrusion technology – raise the standard of high-class flooring products.



OUR
PRODUCT

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.



- 1 UV COATING :** Scratch resistant, UV Ray resistance to prevent color fading.
- 2 WEAR LAYER :** Protects the surface from wear and tear; creates surface texture of wood or stone.
- 3 DECOR FILM LAYER :** HD graphic printed on the film provides look and color of wood, stone, or carpet.
- 4 SPC CORE :** Limestone powder and PVC composite. Durable, waterproof, and fire retardant.
- 5 BACK PADDING :** EVA or IXPE padding cushions your feet and improves sound insulation.

TECHNICAL INFORMATION

CHARACTERISTICS	ICON	STANDARDS	MINIMUM-REQUIREMENTS	RESULT
Florescore 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%
Seam Strength		EN 684:1995	N/A	Ave : 360N/50mm 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

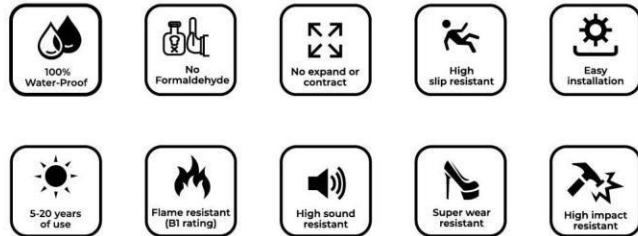
CHARACTERISTICS	ICON	STANDARDS	MINIMUM-REQUIREMENTS	RESULT
Recovery Under Static Load		ASTM F970-17	N/A	0.04mm Pass
Large Ball Impact Resistance		NALFA/ANSI LF-01-2011	N/A	No cracks or fractures occurred at the height of 2500mm
Static Electrical Propensity		EN 1815:2016 method A	≤ 2kV	0.2kV
Impact Insulation 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

CLASSIFICATION

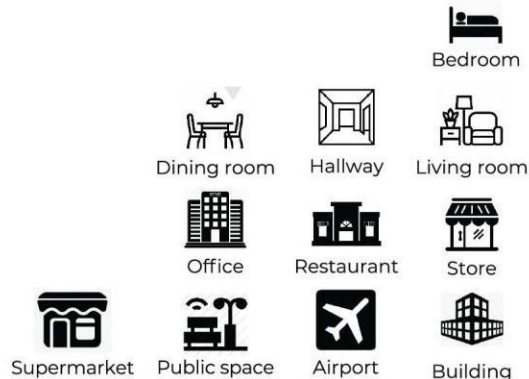
	CLASSIC (mm)	PREMIUM (mm)
CORE THICKNESS	4	5 - 7
WEAR LAYER	0.3 (12 mil)	0.5 (20 mil) - 0.7 (28 mil)
BACK LAYER WITH EVA / IXPE	1.0 - 1.5	1.0 - 2.0
SURFACE FINISH	Embossed	Registered Embossing
BEVEL	Micro	Micro / Painted

WHY SHOULD 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)

PRODUCT SPECIFICATION SHEET



DIMENSION

- 36"x6" (915x150mm)
- 24"x12" (600x300mm)
- 48"x7" (1220x182mm)
- 48"x9" (1220x230mm)
- 60"x9" (1524x230mm)

SPC CORE LAYER THICKNESS

Wood Patterns


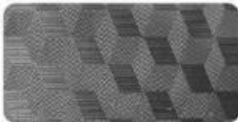

- 3mm
- 3.7mm
- 4mm
- 5.2mm

Stone Patterns

- 3.7mm

UNDERLAYMENT



PADDING CLASSIFICATION	IXPE			SPECIAL EVA	EVA
	Density 7.5	Density 10	Density 15		
1.00 MM	●	●	●	●	●
1.50 MM			●		●
2.00 MM			●		●
PICTURES					

DIFFERENCE BETWEEN LVT & SPC DRYBACK

	SPC DRYBACK	LVT
MATERIAL	Stone powder, plastic powder and additives	Stone powder, plastic powder and additives
FORMULA	Hard	Flexible
TECHNOLOGY	Punching machine	Punching machine (running through water)
SIZE	Can chamfer edge Mainly 178/180 *1220mm	Cannot chamfer edge Only 185 x 1220mm



WOOD GRAINS

Aged Oak

182 x 1220 mm (7 x 48')
230 x 1220 mm (9 x 48')
230 x 1524 mm (9 x 60')



RCFW102-1



RCFW106-1



RCFW108-1



Classic Oak

182 x 1220 mm (7 x 48')
230 x 1220 mm (9 x 48')
230 x 1524 mm (9 x 60')



Golden Oak

182 x 1220 mm (7 x 48')
230 x 1220 mm (9 x 48')
230 x 1524 mm (9 x 60')



Asean Teak

182 x 1220 mm (7 x 48')

230 x 1220 mm (9 x 48')

230 x 1524 mm (9 x 60')



RCFW107-1

Nordic White Oak

182 x 1220 mm (7 x 48')
230 x 1220 mm (9 x 48')
230 x 1524 mm (9 x 60')





Red Oak

182 x 1220 mm (7 x 48')
230 x 1220 mm (9 x 48')
230 x 1524 mm (9 x 60')



RCFW100-1



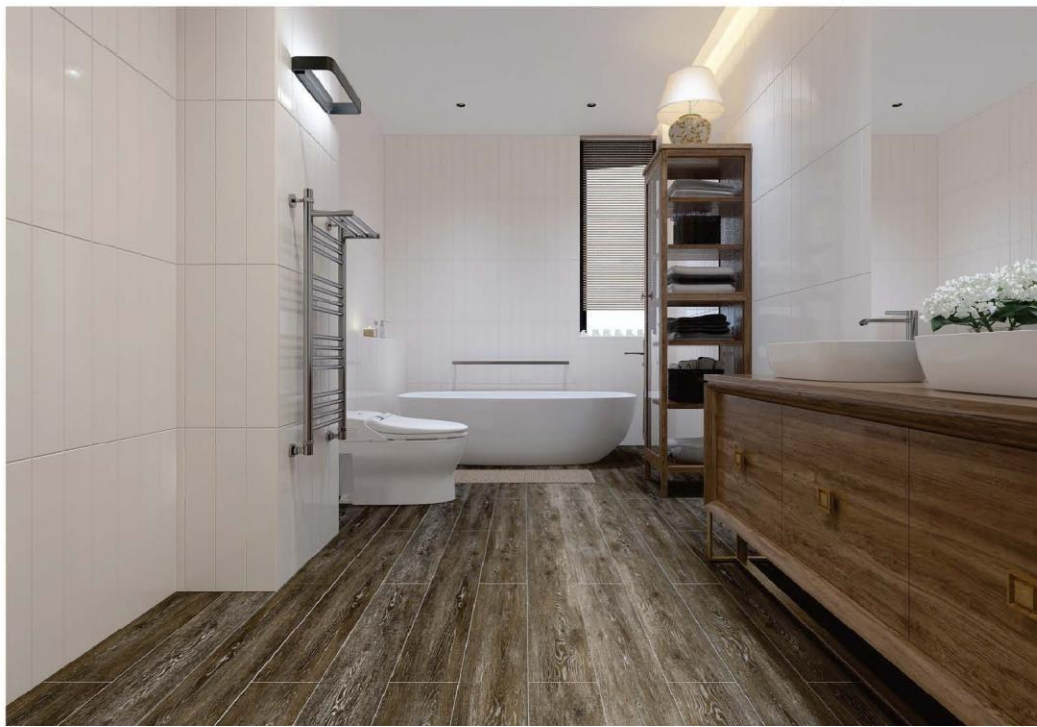
RCFW100-2



RCFW109-1



RCFW109-2



STONE PATTERNS



Brushed Marble

450 x 900 mm (18 x 35') | 300 x 600 mm (12 x 24')



RCFM117-1





Calacatta Marble

450 x 900 mm (18 x 35') | 300 x 600 mm (12 x 24')



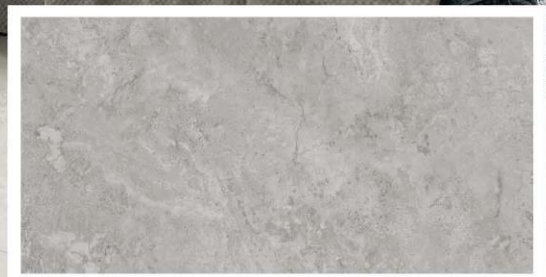
RCFM116-1





Classic Travertine

450 x 900 mm (18 x 35') | 300 x 600 mm (12 x 24')



RCFM113-2



RCFM113-1



RCFM113-3



Split-face Marble

450 x 900 mm (18 x 35') | 300 x 600 mm (12 x 24')



RCFM114-1



RCFM114-2





Wave Rock

450 x 900 mm (18 x 35') | 300 x 600 mm (12 x 24')



RCFM115-1



RCFM115-2



We are factory direct one-stop service supplier for your flooring needs.

COSNTACT US

North America - Factory Contact

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Production Made in Vietnam

