



Elite
HOME DECOR



SPC FLOORING

An aerial photograph of a dirt road winding through a dense forest. Two cars are visible on the road, driving away from the viewer. The forest is a mix of green and yellowish-brown foliage, suggesting a transition between seasons. The road is a light brown color with some darker, wet patches.

SPC Flooring



CONTENTS

- 01 / SPC Flooring
- 02 / Advantages & Structure
- 03 / Classic Collection
- 04 / Packagings & Loading
- 05 / Accessories
- 06 / Technical Data Sheet
- 07 / How to Install?



SPC Flooring, the Next Generation of Floor Surface

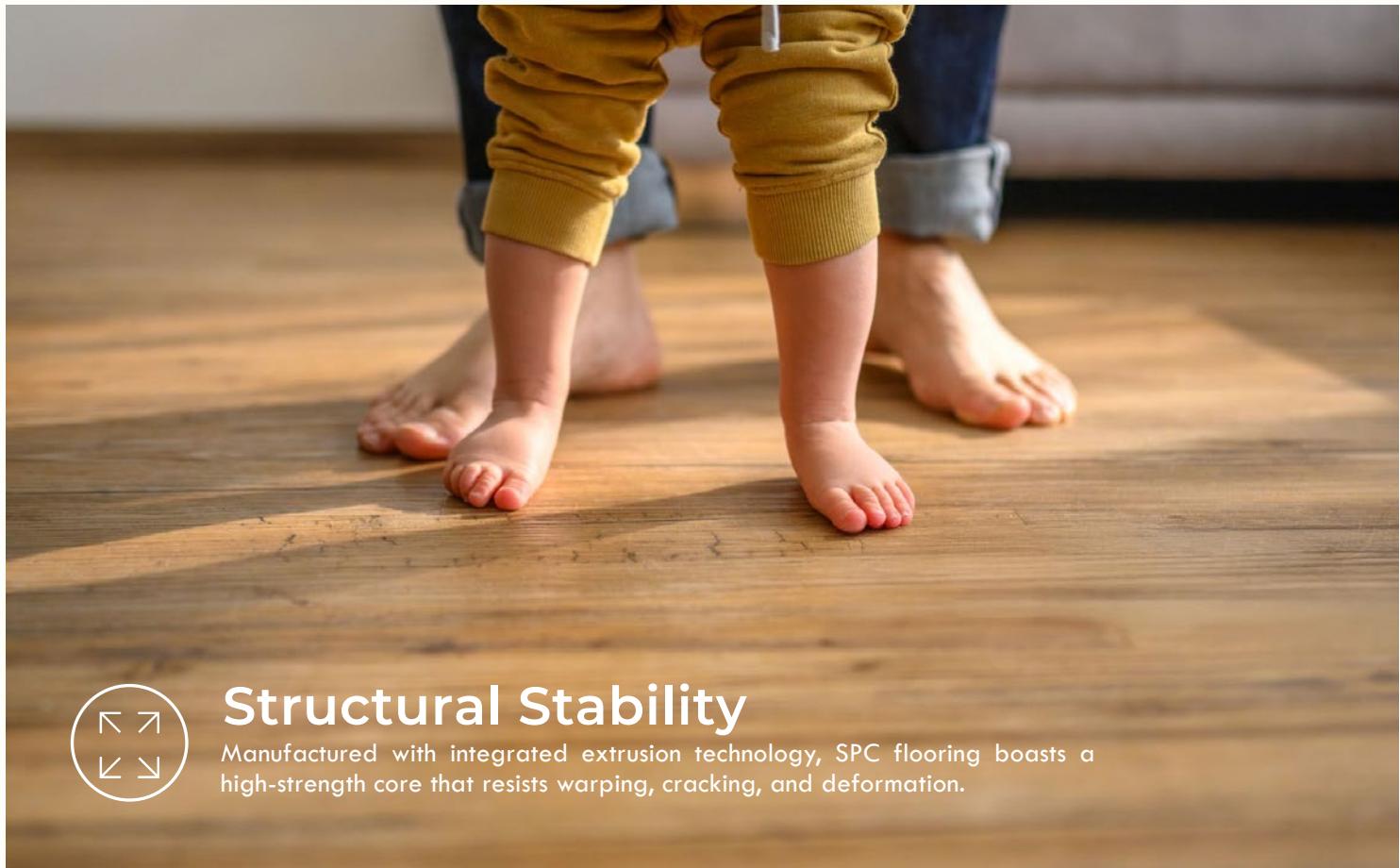
ELI Home proudly presents SPC flooring, a cutting-edge material that redefines excellence in flooring. SPC flooring features an extruded core material composed of calcium carbonate, polyvinyl chloride, and stabilizer, making it a composite material of superior quality. With its unmatched qualities of being waterproof, rigid, and dimensionally stable, SPC flooring stands at the forefront of innovation.

SPC flooring is made from high-density stone plastic composite material, offering exceptional wear resistance and impact durability. It is resistant to deformation and cracking, making it ideal for high-traffic areas such as homes, commercial spaces, and public venues. Its rigid core structure ensures dimensional stability, even in environments with fluctuating temperatures and humidity levels.

Advantages & Structure

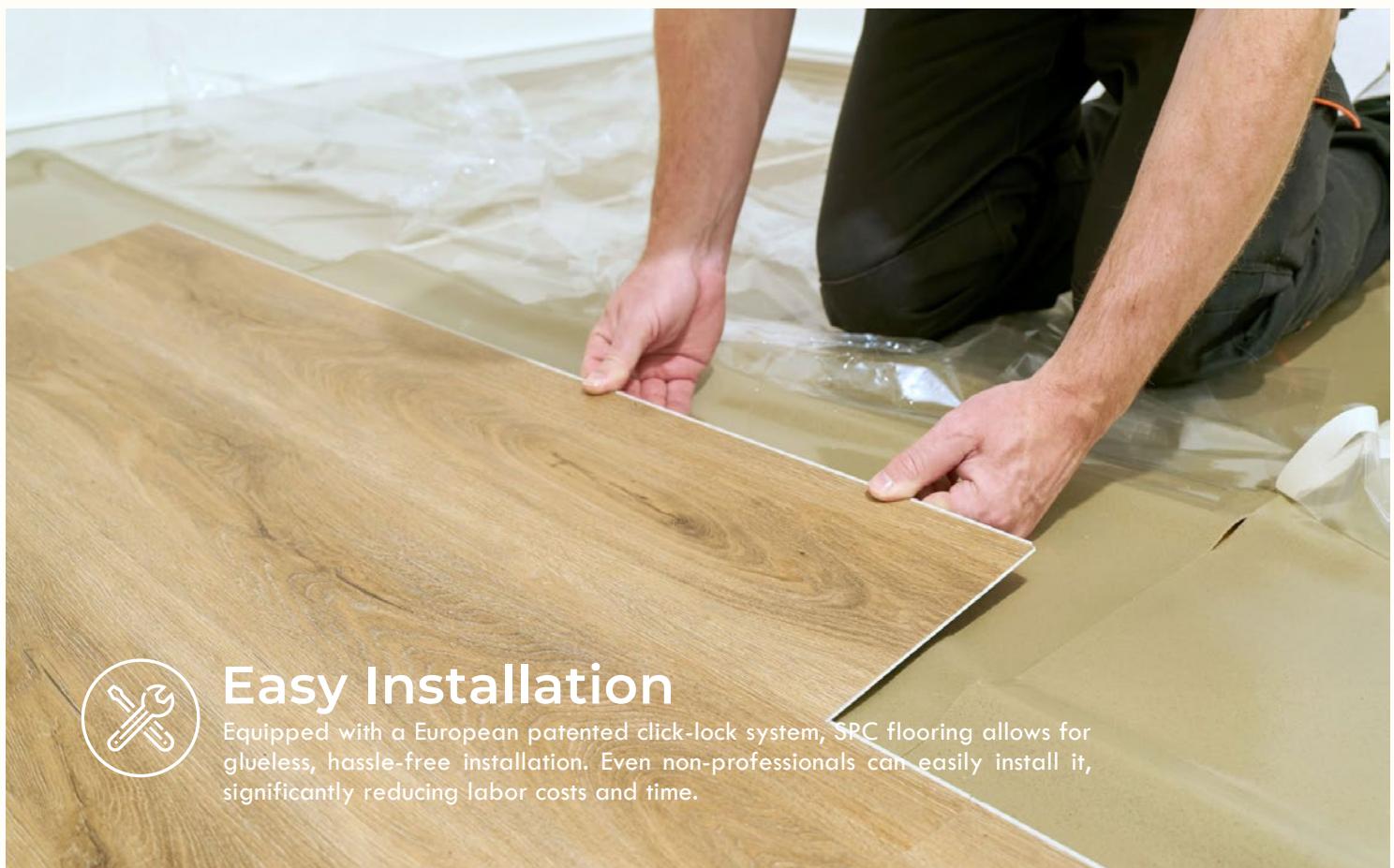


Such excellent performance



Structural Stability

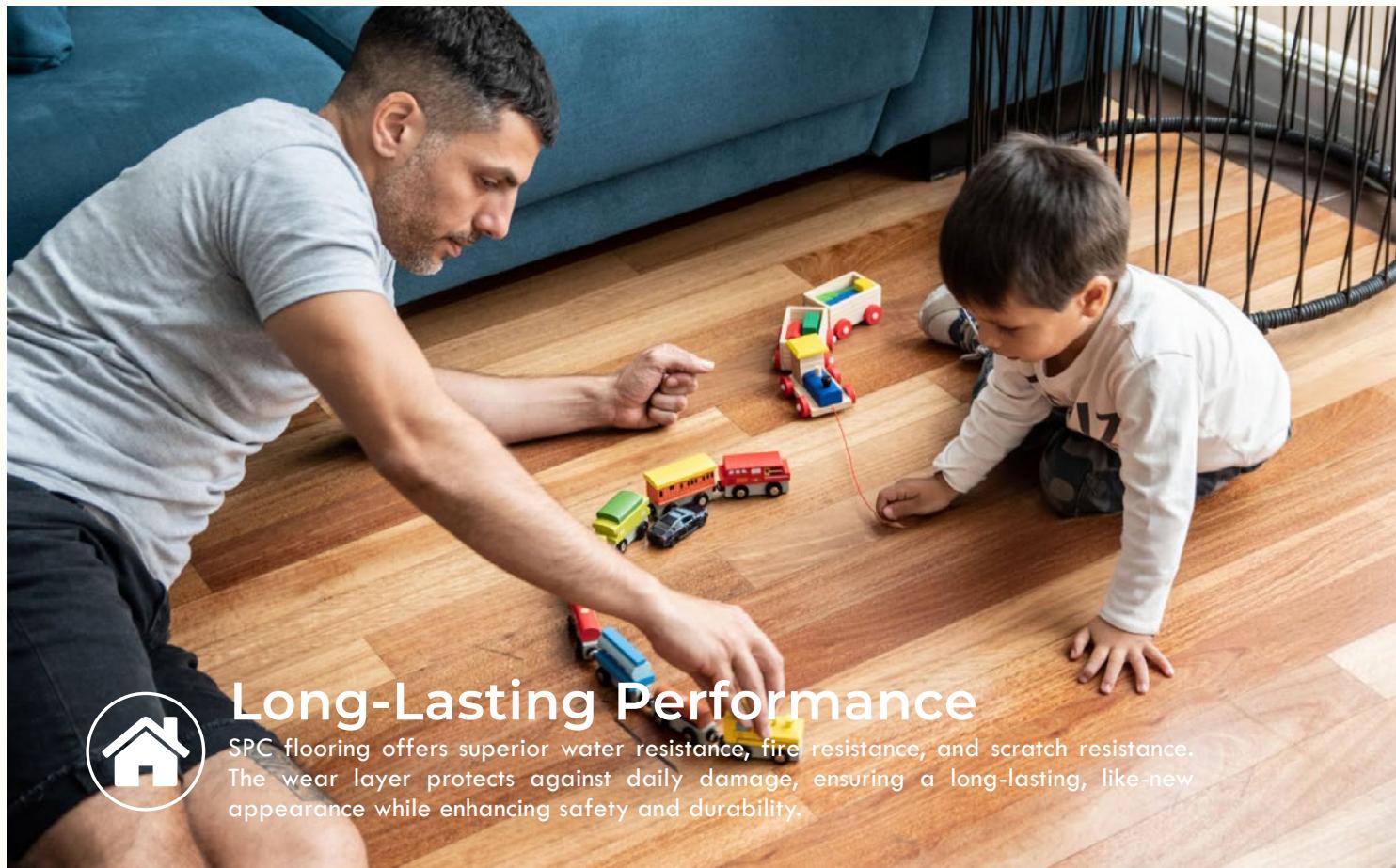
Manufactured with integrated extrusion technology, SPC flooring boasts a high-strength core that resists warping, cracking, and deformation.



Easy Installation

Equipped with a European patented click-lock system, SPC flooring allows for glueless, hassle-free installation. Even non-professionals can easily install it, significantly reducing labor costs and time.

Such excellent performance



Long-Lasting Performance

SPC flooring offers superior water resistance, fire resistance, and scratch resistance. The wear layer protects against daily damage, ensuring a long-lasting, like-new appearance while enhancing safety and durability.



Sustainable Production

Made from formaldehyde-free, heavy metal-free, and low-VOC materials, SPC flooring meets international environmental standards. Its sustainable production process minimizes carbon emissions, ensuring a healthier and more eco-friendly flooring solution for consumers.

Structures

Wear Layer

Protecting flooring from scuff marks
providing a maintenance-free finish

Double UV coating

Superior scratch resistance and anti-fouling
Improved UV resistance to prevent fading
Comfortable and natural surface gloss

HD Decor Films

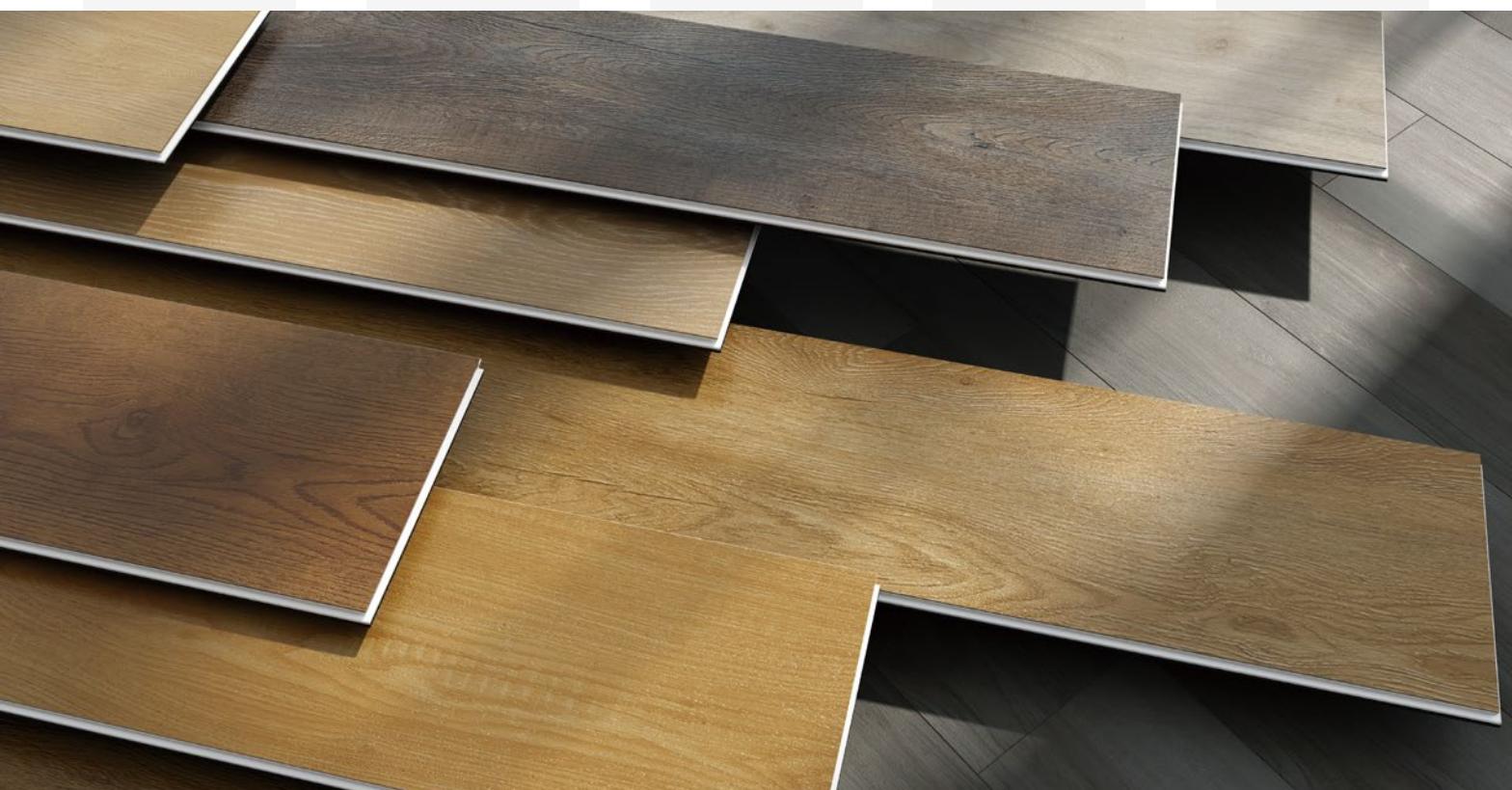
Thousands of wood, stone, and carpet color
High definition and realistic images

SPC Rigid Core

Virgin extruding diamond core board
Dimensionally stable Bearing heavy loads

IXPE Underlay (Optional)

Sound-proof & Moisture-proof
Harmless and environmental-friendly



Classic Collection



Classic Collection

SPC Plank

- Length(mm):**
- 1220mm
 - 1520mm
 - 1820mm

SPC Tile

- 610mm
- 900mm

SPC Herringbone

- 640mm

- Width(mm):**
- 150mm
 - 180mm
 - 228mm

- 305mm
- 470mm

- 128mm

- Thickness(mm):** 4.0mm 4.5mm 5.0mm 5.5mm 6.0mm

- Wear Layer(mm):** 0.3mm 0.5mm

- Bevels:** No Bevels 4 sided painted bevels Micro Bevels

- Surface:**
- Deep Embossed
 - Light Embossed

- Skin
- Coral
- Flat

- Deep Embossed
- Light Embossed

- Underlay(optional):** IXPE Cork

Color Style







DN86414-A-001



DN86416-001





DN5824-1



DN3343-8



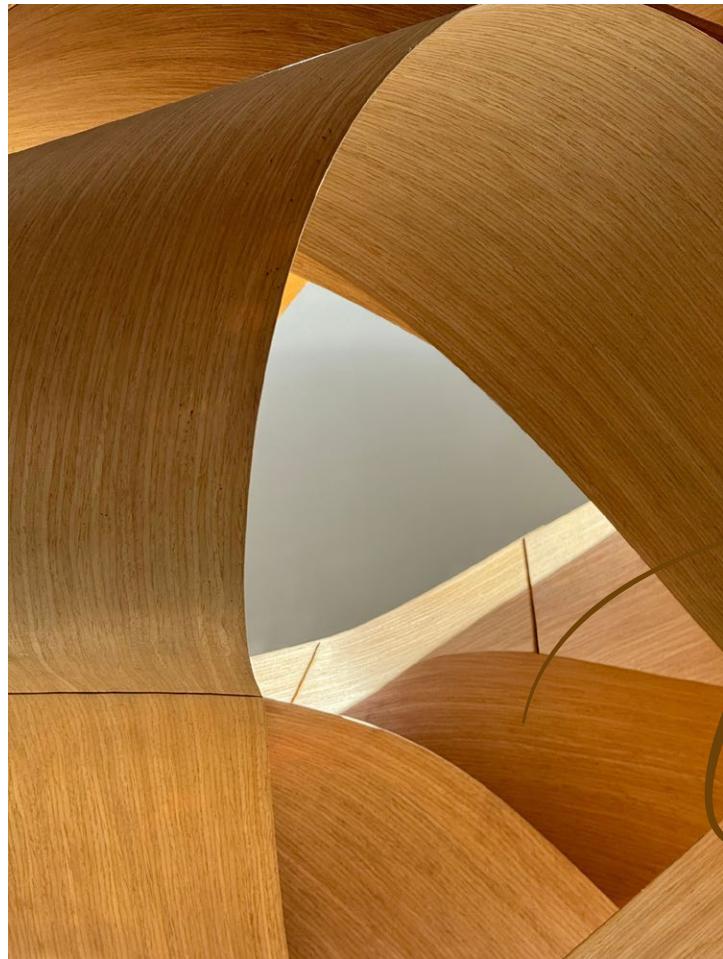












Color

Accessories



T-molding

Size: L:2400mm W:45mm H:6.8mm

Packing: L:2450mm W:130mm H:85mm 20pc/ctn

Weight: 13.5kg

Use: It is used smooth transition between two floors of the same heights.



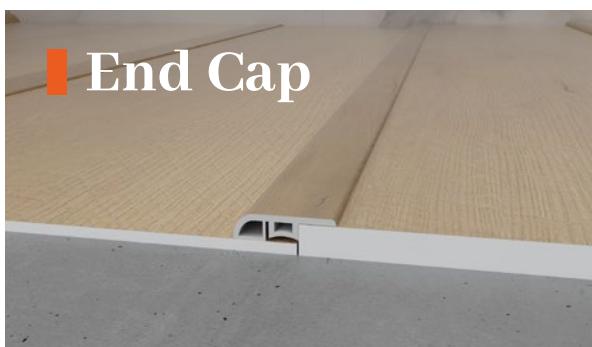
Reducer

Size: L:2400mm W:45mm H:6.8mm

Packing: L:2450mm W:130mm H:85mm 20pc/ctn

Weight: 15.5kg

Use: It is used to create a smooth transition between two floors of different heights, as well protect the planks.



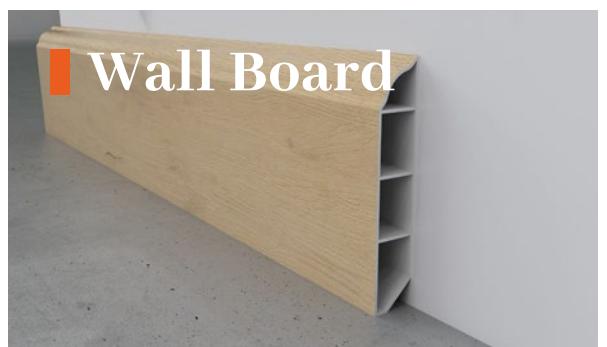
End Cap

Size: L: 2400mm W: 35mm H: 8mm

Packing: L:2450mm W:130mm H:85mm 20pc/ctn

Weight: 14kg

Use: It is used as the finishing touch of the flooring edge at outside doors.



Wall Board

Size: L: 2400mm W: 80mm H: 15mm

Packing: L:2450mm W:140mm H:85mm 10pc/ctn

Weight: 22kg

Use: It serves as a transition from a horizontal surface to the vertical surface of a wall.



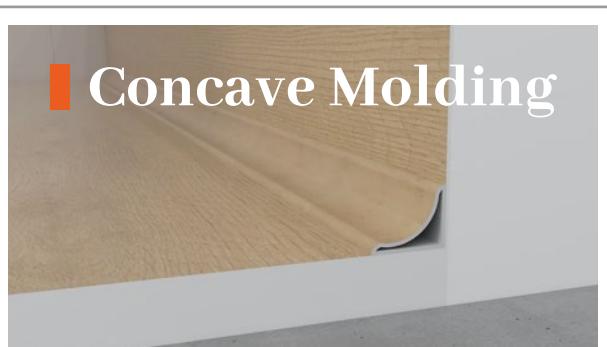
Quarter Round

Size: L:2400mm W:28mm H:15mm

Packing: L:2450mm W:155mm H:85mm 40pc/ctn

Weight: 31.6kg

Use: It serves as a transition from a horizontal surface to the vertical surface of a wall.



Concave Molding

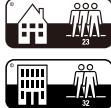
Size: L:2400mm W:28mm H:16mm

Packing: L:2450mm W:155mm H:85mm 40pc/ctn

Weight: 32.2kg

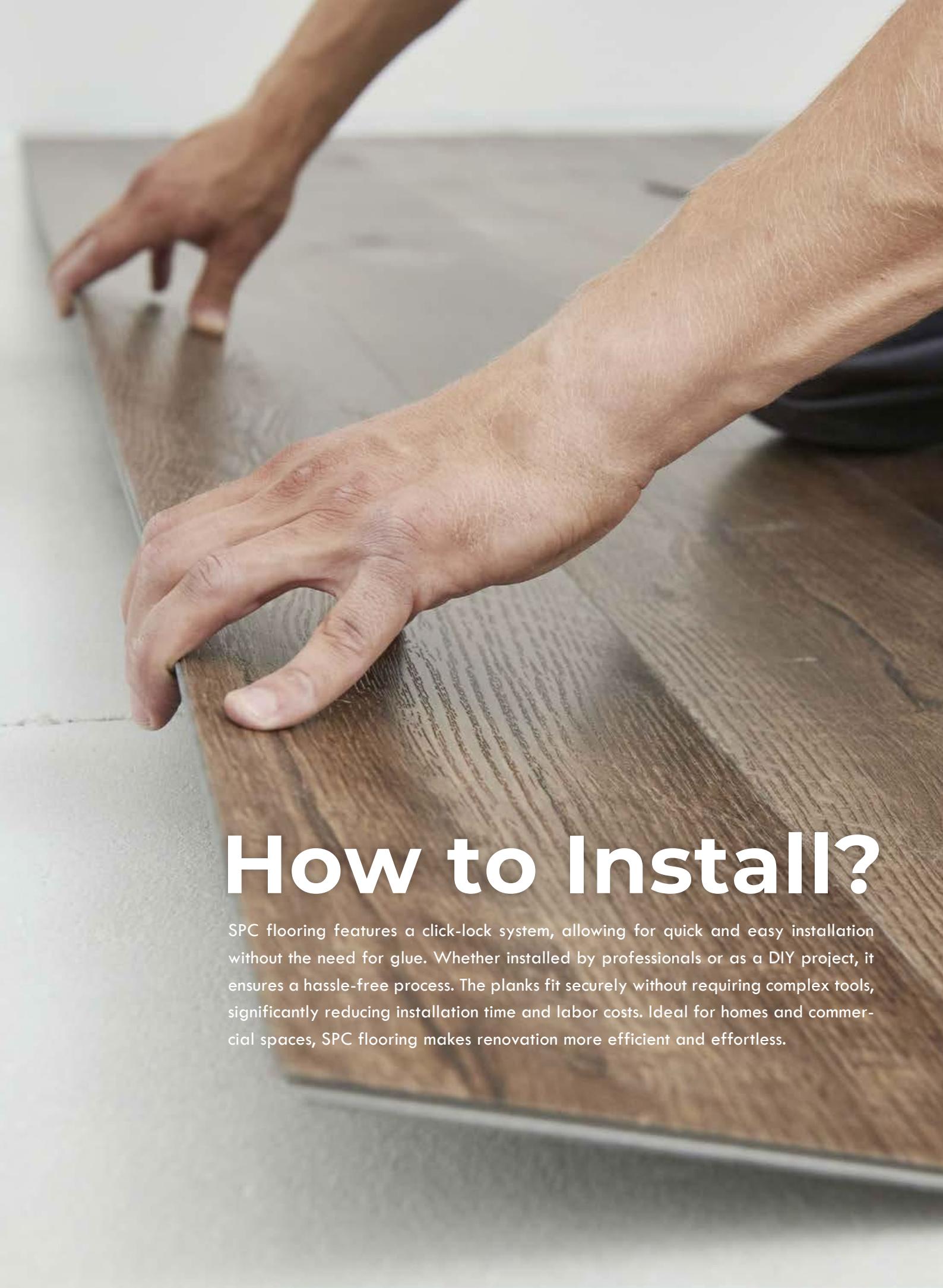
Use: It creates a subtle blend between the floor and the wall.

Technical Data

Symbol	Item	Test Method	Requirement (Test Standard)	Test Result
	Classification (Level of use)	EN ISO 10582	Domestic - Heavy (Class 23) Wear Layer (Nominal): $\geq 0.30\text{mm}$ Overall Thickness (Nominal): $\geq 1.5\text{mm}$ Commercial - Very Heavy (Class 32) Wear Layer (Nominal): $\geq 0.40\text{mm}$ Overall Thickness (Nominal): $\geq 2.0\text{mm}$	Pass (Nominal)
	Side length Width	ISO 24342	Deviation $\leq 0.10\%$ of up to 0.5 mm Deviation $\leq 0.10\%$ of up to 0.5 mm maximum	Average: 1500mm Average: 228.13mm
	Squareness	ISO 24342	Side length $\leq 400\text{mm}$: $\leq 0.25\text{ mm}$; Side length $> 400\text{mm}$: $\leq 0.35\text{ mm}$;	Deviation range: X Direction: $-0.05\text{~}0.00\text{mm}$ Y Direction: $-0.05\text{~}0.05\text{mm}$
	Straightness	ISO 24342	Side length $> 400\text{ mm}$ (intended for heat welding): $\leq 0.50\text{mm}$;;	Deviation range: X Direction: $0.00\text{~}+0.05\text{mm}$ Y Direction: $0.00\text{~}+0.05\text{mm}$
	Overall thickness	ISO 24346	Specimen: $150\text{~}150\text{~}6.5\text{mm}$, 5pcs Mass applied: $0.20\pm 0.02\text{kg}$ Diameter of upper plate: $25.3\pm 0.1\text{mm}$ Load time: 5s	Ave. : 6.63mm Max.: 6.68mm Min. : 6.54mm
	Thickness of Wear Layer	ISO 24340	Average value: Nominal thickness $+13\%/-10\%$ & $\pm 0.1\text{mm}$ ($0.45\text{mm}\text{~}0.56\text{mm}$); Individual results: $>$ average value -0.05mm or -15% , whichever is greater ($>0.43\text{mm}$)	Ave. : 0.48mm Max.: 0.50mm Min. : 0.45mm
	Wear resistance	EN 13329	Type of wheel: CS-0 Load: $5.4\pm 0.2\text{N}$ / wheel Abrasive paper: S-42	Excellent Average abrasion cycles: 9600 revolutions
	Reaction to Fire & Smoke Production	EN 13501-1	Bfl-s1 Classification Critical Flux: $\geq 8.0\text{kW/m}$ Flame Spread: $\leq 150\text{mm}$ within 20s Smoke value as % x min: ≤ 750	Bfl-s1
	Formaldehyde Emission	EN 717-1	Method Detection Limit: 0.080 mg/m ³	Not Detected Formaldehyde free
	Mass per unit area	ISO 23997	Nominal value $+13\%/-10\%$	Average: 10590 g/m ² Deviation from nominal value: 0%
	Dimensional stability	ISO 23999	Tiles/planks intended for dry-joint laying and glued installation: $\leq 0.25 \%$; Tiles/planks intended for loose lay or floating installation: $ 0.15 \%$.	Average: X Direction: -0.05% Y Direction: 0.00%
	Curling	ISO 23999	Tiles/planks intended for dry-joint laying and glued installation: $\leq 2 \text{mm}$; Tiles/planks intended for loose lay or floating installation: $\leq 1 \text{mm}$.	Average: Curling initial: 0.5mm Curling final: 0.0mm

Technical Data

Symbol	Item	Test Method	Requirement (Test Standard)	Test Result
	Residual indentation	ISO 24343-1	$\leq 0.1\text{ mm}$	Average: 0.04mm
	Effect Of A Castor Chair	ISO 4918	(only for $\geq\text{class32}$) After 25,000 cycles, no delamination shall occur. No disturbance to the surface other than a slight change in appearance.	No visible damage
	Colour Fastness To Light	ISO 105-BO2	6 minimum	Comparison upto blue wool reference 6; Grade (B.W.S): Better than 6
	Flatness	ISO 10582	Length flatness: concave $\leq 0.50\%$ convex $\leq 1.00\%$	Length flatness(X): no concave convex 0.02%
			Width flatness: concave 0.10% convex 0.05%	Width flatness(Y): concave 0.10% convex 0.05%
	Openings	ISO 10582	Ave.: $\leq 0.15\text{ mm}$ Individual values: $\leq 0.20\text{ mm}$	Ave.: 0.00mm Max.: 0.05mm
	Height Difference	ISO 10582	Ave.: $\leq 0.10\text{ mm}$ Individual values: $\leq 0.15\text{ mm}$	Ave.: 0.05mm Max.: 0.10mm
	Locking Strength	ISO 10582	Only for Commercial use: Class 31,32,33: $\geq 1.5\text{ kN/m}$; Class 34: $\geq 2.0\text{ kN/m}$	Average: Long side(X): 4.8 kN/m Short side(Y): 4.1 kN/m
	Binder Content (Composition Analysis)*	ISO 10582	100%	76% PVC 24% DOTP&Stearic acid salt (Stearic acid salt $< 1\%$)
	Slip resistance	AS 4586	Oil-wet ramp test	R10 Class Critical angle of inclination: 15.2°
	Chemical Resistance	ASTM F925-13	No more than a slight change in surface dulling, surface attack or staining	Rating 0: No change
	Thermal Conductivity	EN 14041	N/A	0.098 W/(m·K) at 25°C
	Airborne sound transmission loss	ASTM E90-09 ASTM E413-16	N/A	STC= 73dB IIC = 75dB
	Airborne sound transmission loss	ASTM E492-09 ASTM E989-18	N/A	

A close-up photograph showing a person's hands installing a dark wood plank onto a light-colored subfloor. The hands are shown in profile, with the fingers pressing down on the edge of the plank to secure it into place. The background is a plain, light-colored wall.

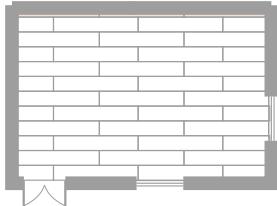
How to Install?

SPC flooring features a click-lock system, allowing for quick and easy installation without the need for glue. Whether installed by professionals or as a DIY project, it ensures a hassle-free process. The planks fit securely without requiring complex tools, significantly reducing installation time and labor costs. Ideal for homes and commercial spaces, SPC flooring makes renovation more efficient and effortless.

Installation



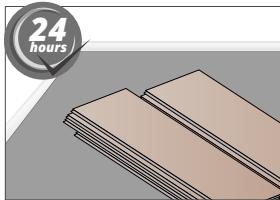
Preparation



01 Measurement and Planning

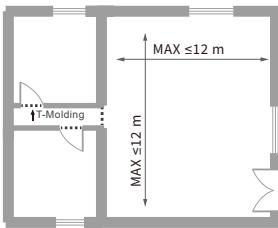
Most installations will need approximately a **10%** cutting allowance added to the square meter of the room.

Please make sure that the width of the last row of planks is not less than **1/2** of the plank width, otherwise cut the first row of planks appropriately to adjust.



02 Acclimation

Once your flooring arrives, you shouldn't install it right away. The planks are placed on the site for at least **24 hours** before installation, to allow the planks to adapt to the site temperature.



03 Max Laying Area

SPC flooring has good stability, only when the pavement length/width exceeds 12 m, does it need to be interrupted by expansion gaps (8-10mm). Expansion gaps also need to be reserved at the door and other positions.

Installations of metal strips and other transition moldings should not push fully into the flooring and should allow for some slight movement wherever practical.



04 Other Details

It is preferable to lay planks following the direction of the main source of light. For the best result, make sure to always work from 2 to 3 cartons at a time, mixing the planks during the installation.

Installation Tools

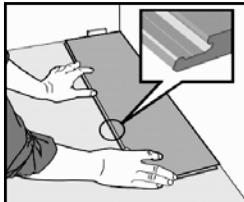


Installation



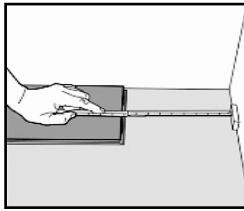
Installation

①



1. Install from the corner of the wall, place the tongue against the wall, and use spacers to keep the distance between the flooring and the wall at **8-10mm**. (The tongue of the first row of flooring needs to be cut off)

③



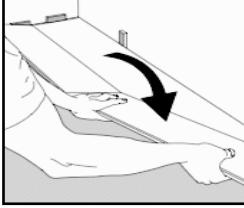
3. At the end of the first row, leave an expansion gap of **8-10mm** to the wall and measure the length of the last plank to fit.

⑤



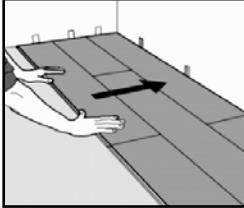
5. The second row of flooring and the ground maintain a **30°** bevel and insert into the previous row. Fold it down and push it forward for a tight fit.

⑦



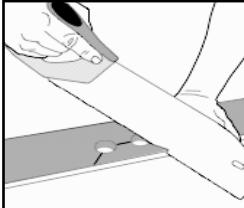
7. Click the short side and place it tight to the short end of the left plank.

⑨



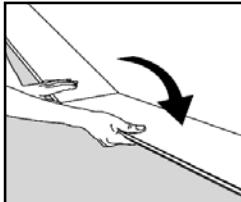
9. After the first 2-3 rows of planks are installed, they should be checked with a string line to ensure that rows are still running straight. If they are not, it could be that the starting wall has some irregularities that caused bowing in the installation.

⑪



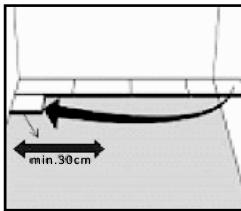
11. The installation of the heat dissipating pipe is as above image, mark the center of the pipe hole on the plank, then drill holes on the floor with a diameter which is **16-20mm** larger than the diameter of the heat dissipation pipe (for expansion gap of **8-10mm** between plank and the pipe).

②



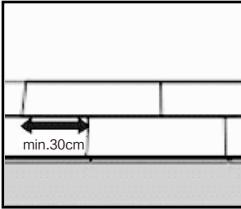
2. Second plank, first row. Drop the plank of the short side first, and then gently tap down the end with a rubber mallet, so it firmly locks into the previous plank until both are at the same height. Make sure both planks are perfectly aligned. Continue installing the first row until you reach the wall on the right.

④



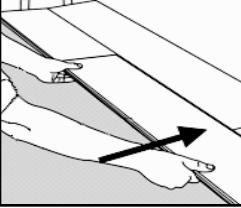
4. Start the second row with the leftover cut part of the last plank of the previous row. This small plank should measure at least 30cm (12"). Otherwise, cut a new plank in half and use it to begin the second row. Whenever practical, use the piece cut from the preceding row to start the next row.

⑥



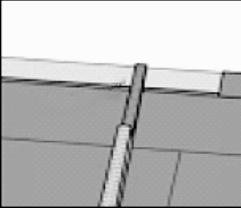
6. The end joints of all planks should be staggered a minimum of 30cm (12") apart.

⑧



8. Then click the long side of the flooring. Push the flooring forward, making sure the two pieces are firmly connected.

⑩



10. Please note that the last row of planks is at least **1/2** the width of the plank away from the wall.

⑫



12. Use dicing saw to incise the floor. If necessary, apply the adhesive to bond at the cut section during the installation.

Caring for Your Flooring



- Sweep or vacuum regularly, to remove loose dirt which can scratch your floor.

Note: We do not recommend vacuums that have a beater bar since it can visibly damage your flooring surface. Additionally, we do not recommend electric brooms with hard plastic bottoms with no padding as use may result in discoloration and deglossing.

- Wipe up spills as soon as possible. Never use highly abrasive scrubbing tools on any resilient floor.

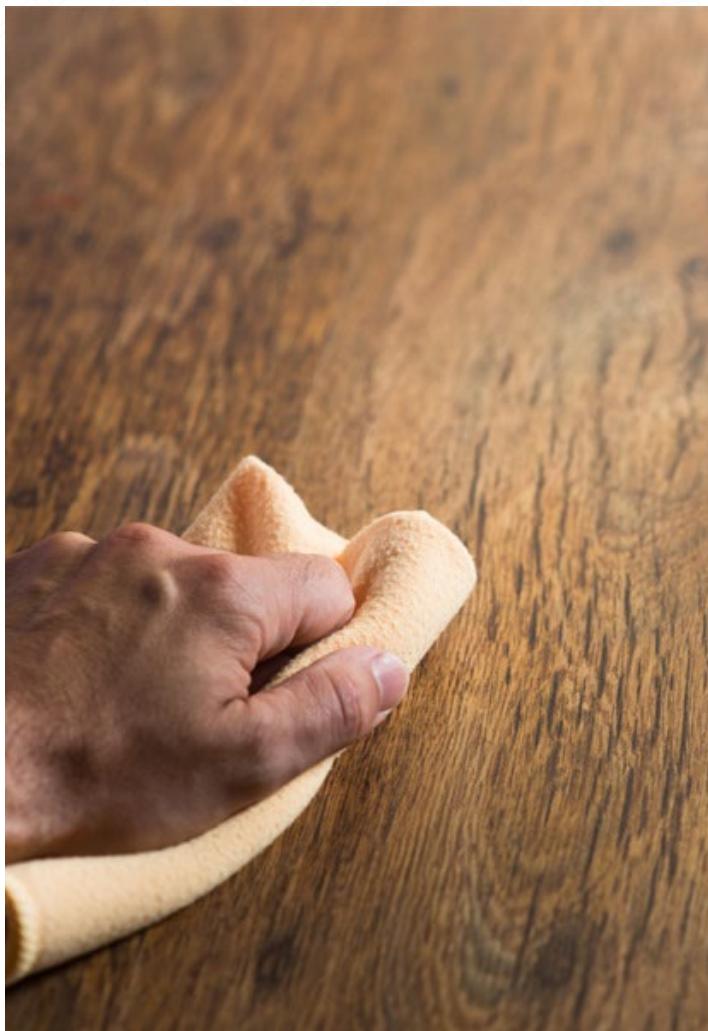
- Wash your floor regularly with a vinyl floor cleaner.

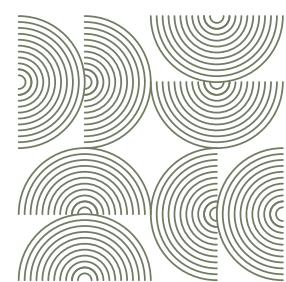
- Do NOT use detergents, abrasive cleaners, or “mop and shine” products. These products may leave a dull film on your floor.



- Do NOT use paste wax or solvent based polishes.

- Vinyl flooring, like other types of smooth floors, can become slippery when wet. Allow time for floor to dry after washing. Immediately wipe up wet areas from spills, foreign substances, or wet feet.





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