



# SPC Click Flooring

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Do it yourself



# Production process

Brand-new stone powder raw material, layer by layer sanding



01. Virgin New Material



02. Muti Choices PVC color film



03. Mix Tank



03. Automatic Extrusion line



04. Stock full panels for UV Treatment and Grooving



# Production process

UV Treatment production Line



IXPE Acoustic Sheet Stick Machine



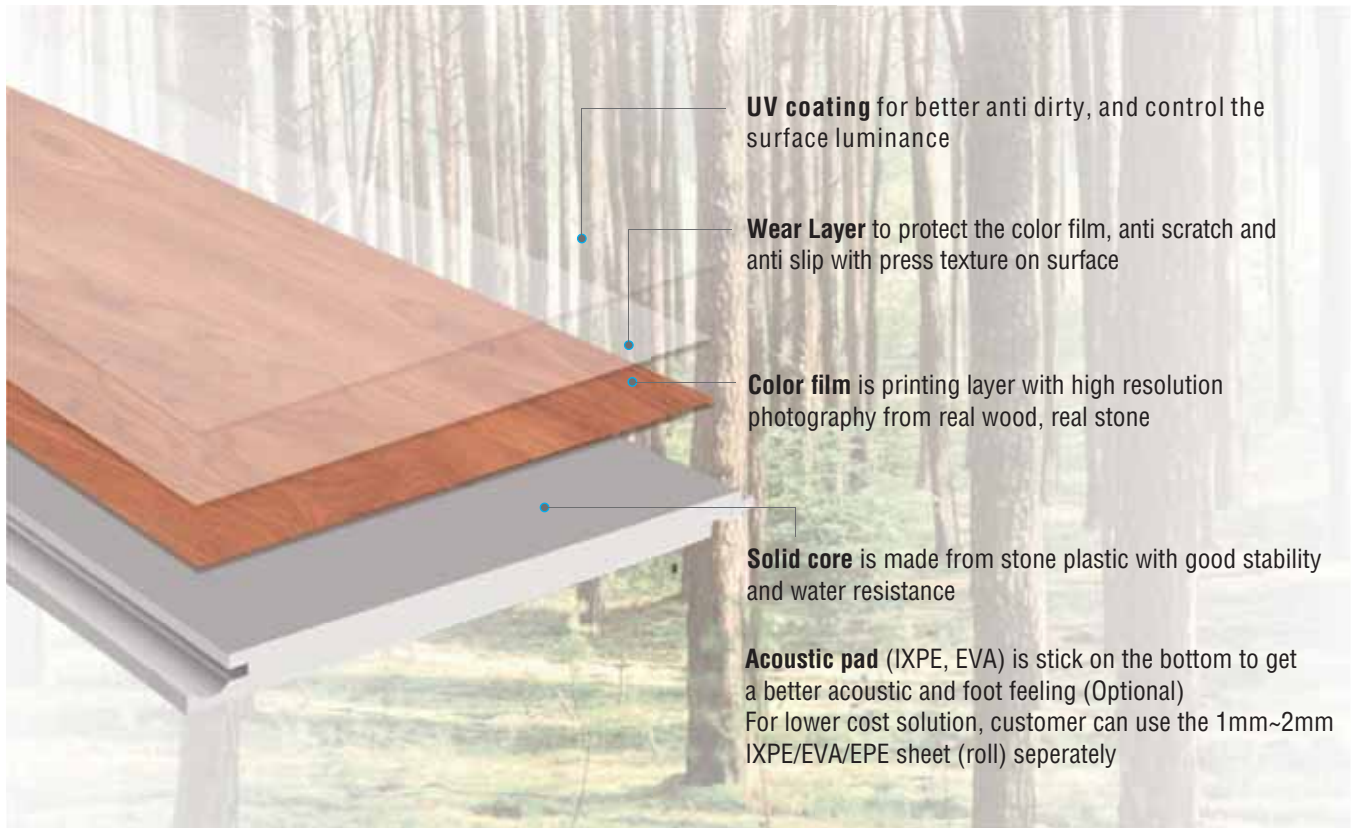
Famous Japanese Brand Click Slot Machine

**YASDA**

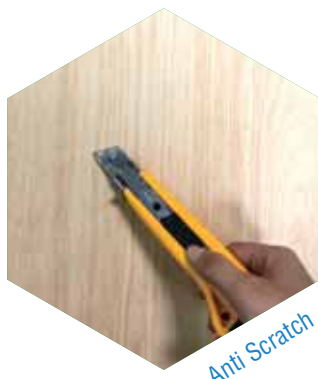
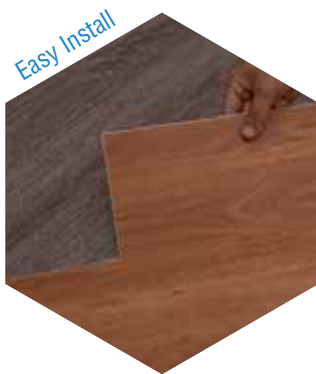


Precision grooving

## SPC Floor Structure



## SPC Floor Advantages







# SPC Click Flooring Wide Range of applications



It's for all kinds of places



Home Decoration



Education



Nursing Care



Shops



Hotel



Office



Gym



Renovation

## Lotus Effect



SPC clicking flooring have good water resistance. The water will not penetrated into the plank as lotus surface. The water is easy to go into the wooden floor and make it expansion and rotten, then deformation and broken.



Anti slip



water bead



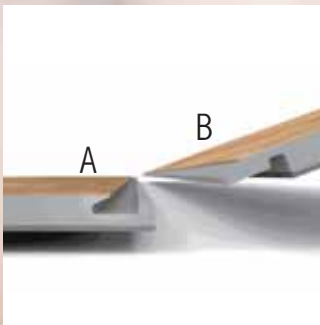
lock tightly



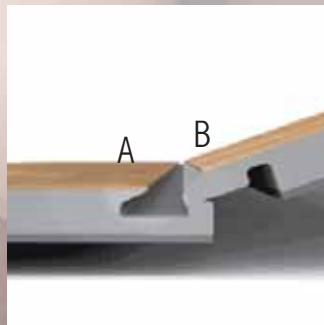
## Easy installation - SPC Click system

Installation is as easy as clicking the planks together. The tongue and groove design on each plank allows for the most natural, wood-like connection. The locking system makes installation easier than ever before, and greatly reduce the time and labor cost.

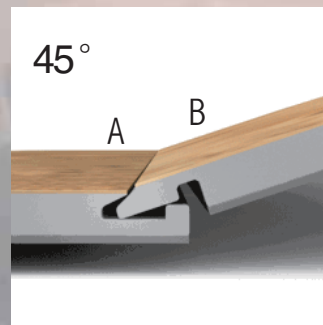
1. The plank B is inserted into the plank A groove.



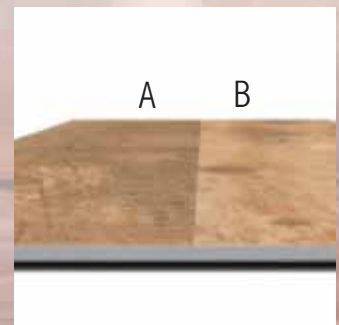
2. The space between plank B and plank A is 2~3mm.



3. Make plank B with 45 degrees and lock.



4. Make plank B level with A, and push it tightly into A.



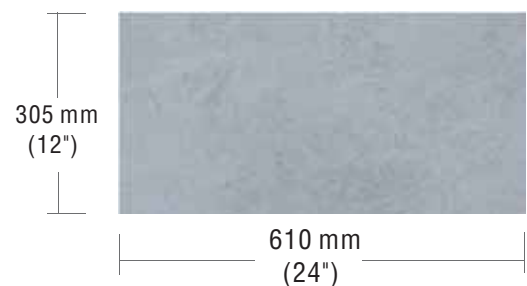
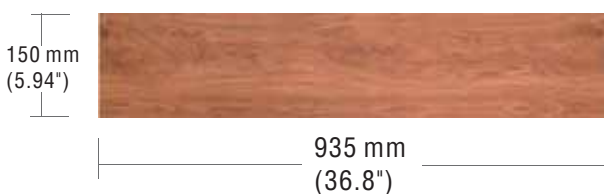
Do it your self





# Product datas

Name	Description	Note
Size (mm)	wood: 1220*180 935 *150 Stone: 305 *610	Stone or carpet texture also can be made into the wood plank size.
size (inch)	wood: 48" * 7.09" 36.8" * 5.94" Stone: 12" * 24"	
Thickness (mm)	3.5mm (0.2mm, 0.3mm wear layer) 4.0mm (0.2mm, 0.3mm, 0.5mm wear layer) 4.2mm (0.2mm, 0.3mm, 0.5mm wear layer) 5.0mm (0.2mm, 0.3mm, 0.5mm wear layer) 6.0mm (0.2mm, 0.3mm, 0.5mm wear layer)	Other thickness and wear layer should be customized with MOQ 3000 square meters
Thickness(inch)	3.5mm (0.2mm, 0.3mm wear layer) 4.0mm (0.2mm, 0.3mm, 0.5mm wear layer) 4.2mm (0.2mm, 0.3mm, 0.5mm wear layer) 5.0mm (0.2mm, 0.3mm, 0.5mm wear layer) 6.0mm (0.2mm, 0.3mm, 0.5mm wear layer)	
IXPE (mm)	1.0mm (15 foaming ratio) 1.5mm (15 foaming ratio) 1.0mm (10 foaming ratio) 1.5mm (10 foaming ratio)	Other thickness should be customized with MOQ 3000 square meters
IXPE (inch)	0.394 inch (15 foaming ratio) 0.059 inch (15 foaming ratio) 0.394 inch (10 foaming ratio) 0.059 inch (10 foaming ratio)	
Click patent	Välinge click system (USA, European, Australia, New Zealand ) Unilin click system; (Other countries)	Click patent is charged by square meters. Customer should pay and take the risk about payment of the patent fee.







# SPC Click Flooring Data Sheet

## Product Description

Characteristics	Standard	Unit	Result	Result
Test size			150*935mm (5.94" * 36.8")	180*1220mm (7.09" * 48")
Thickness			4.2 (0.3mm wear layer)	5.0 (0.5mm wear layer)
Type of flooring	ISO 10581/EN 649		Stone Plastic Composites	Stone Plastic Composites

## Classification

Fire rating	EN 13501-1	Class	Bfl-s1	Bfl-s1
Static electrical	EN 1815	kV	<2	<2
Slip resistance wet	DIN 51130	Class	R10	R10

## Performance

Wear resistance	EN 660.2	mm <sup>3</sup>	≤2.0	≤2.0
Wear group	NF 189	group	T	T
Type Binder content	ISO 10582	group	I	I
Impact Sound Insulation	EN ISO 717-2	dB	4	4
Dimensional Stability	EN ISO 23999 (EN434)	%	≤0.12	≤0.12
Residual Indentation	EN ISO 24343-1(EN434)	mm	≤0.1	≤0.1
Castor Chair Test	ISO 4918 (EN425)	-	OK	OK
Thermal Conductivity	EN ISO 10456 (En12 524)	W/(m.K)	0.25	0.25
Color fastness	EN 20 105 - B02	Degree	≥6	≥6
Surface treatment		-	UV coating	UV coating
Chemical resistance	EN ISO 16000-6 (EN423)	-	OK	OK

## Environment / Indoor air quality

Tvoc	EN ISO 16000-6 (EN423)	ug/m <sup>3</sup>	<10	<10
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## SPC Flooring Wooden Color

Size: 150\*935 mm  
180\*1220 mm

Thickness: 3.5/4.0/4.2/5.0/6.0mm

Wear layer: 0.2/0.3/0.5mm



HP-SPC-01



HP-SPC-02



HP-SPC-03



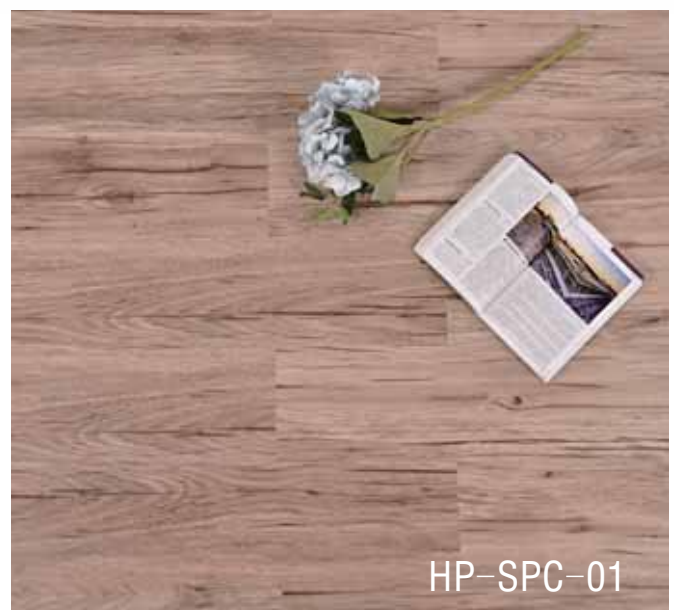
HP-SPC-04



HP-SPC-05



HP-SPC-01



HP-SPC-01

Stock products:

size:150\*935 mm; 4.2mm thickness with 0.3mm wear layer

size:180\*1220 mm; 3.5mm with 0.2mm wear layer; 4.0mm with 0.3 wear layer. (Other size and thickness should be customized)





## SPC Flooring Wooden Color

Size: 150\*935 mm  
180\*1220 mm

Thickness: 3.5/4.0/4.2/5.0/6.0mm

Wear layer: 0.2/0.3/0.5mm



HP-SPC-08



HP-SPC-06



HP-SPC-07



HP-SPC-08



HP-SPC-09



HP-SPC-10

Stock products: size:150\*935 mm; 4.2mm thickness with 0.3mm wear layer  
size:180\*1220 mm; 3.5mm with 0.2mm wear layer; 4.0mm with 0.3mm wear layer.  
(Other size and thickness should be customized)



## SPC Flooring Wooden Color

Size: 150\*935 mm  
180\*1220 mm

Thickness: 3.5/4.0/4.2/5.0/6.0mm

Wear layer: 0.2/0.3/0.5mm



HP-SPC-11



HP-SPC-12



HP-SPC-13



HP-SPC-13



HP-SPC-12

Stock products: size:150\*935 mm; 4.2mm thickness with 0.3mm wear layer  
size:180\*1220 mm; 3.5mm with 0.2mm wear layer; 4.0mm with 0.3mm wear layer.  
(Other size and thickness should be customized)





## SPC Flooring Wooden Color

Size: 150\*935 mm  
180\*1220 mm

Thickness: 3.5/4.0/4.2/5.0/6.0mm

Wear layer: 0.2/0.3/0.5mm



HP-SPC-15



HP-SPC-14



HP-SPC-15



HP-SPC-16

Stock products:

size:150\*935 mm; 4.2mm thickness with 0.3mm wear layer

size:180\*1220 mm; 3.5mm with 0.2mm wear layer; 4.0mm with 0.3mm wear layer. (Other should be customized)



## SPC Flooring Stone Color

Size: 350\*610mm

Thickness: 4.2/5.0/6.0mm

Wear layer: 0.2/0.3/0.5mm



HP-SPC-17



HP-SPC-18



HP-SPC-19



HP-SPC-20



Stock products: size:305\*610mm; 4.2mm thickness with 0.3mm wear layer (Other size and thickness should be customized)





## SPC Flooring Stone Color

Size: 350\*610mm

Thickness: 4.2/5.0/6.0mm

Wear layer: 0.2/0.3/0.5mm



HP-SPC-21



HP-SPC-22



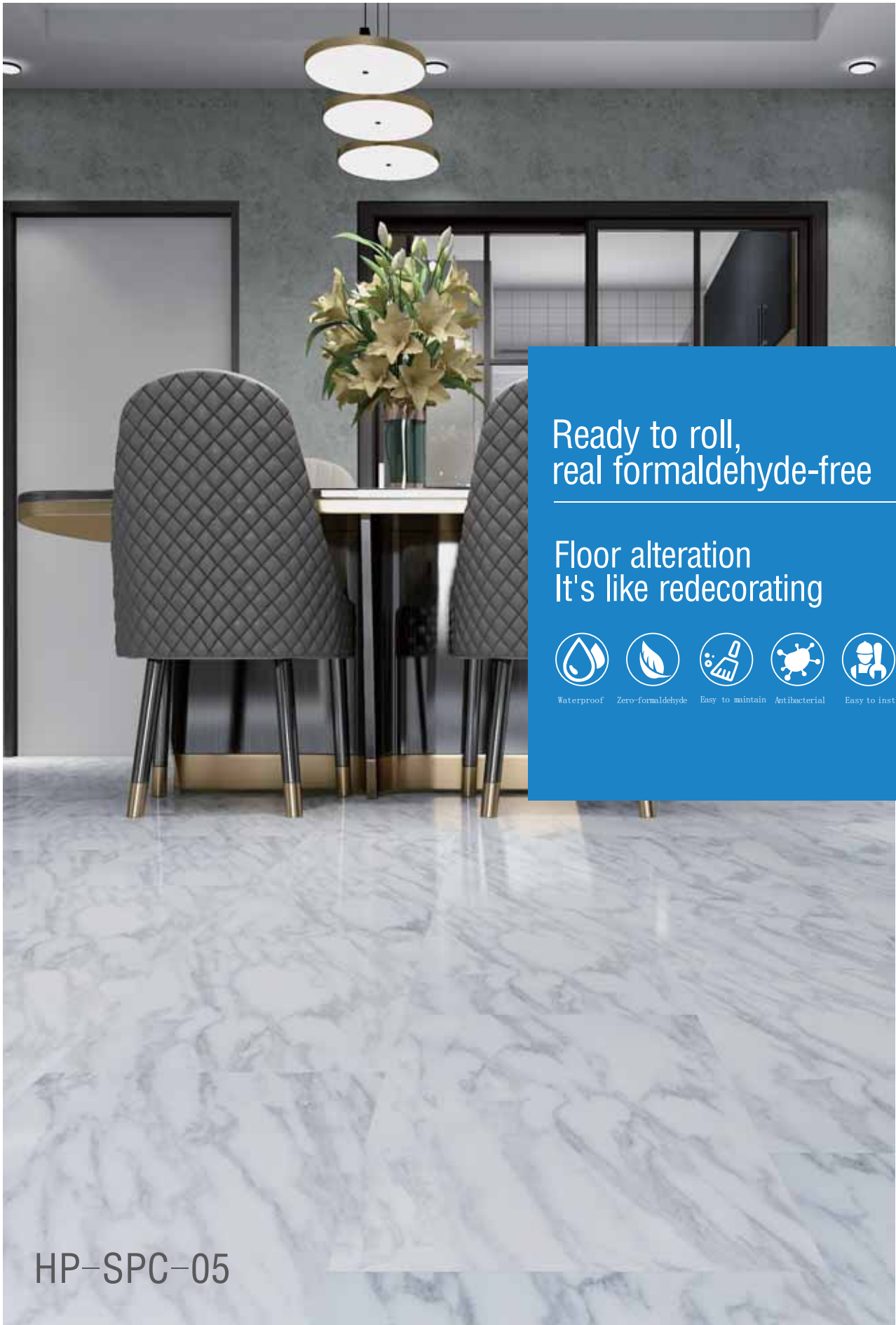
HP-SPC-21



HP-SPC-22

Stock products: size:305\*610mm; 4.2mm thickness with 0.3mm wear layer (Other size and thickness should be customized)

# SPC Flooring Stone Color



Ready to roll,  
real formaldehyde-free

Floor alteration  
It's like redecorating



Waterproof



Zero-formaldehyde



Easy to maintain



Antibacterial



Easy to install

HP-SPC-05



## SPC Flooring Wooden Color



### Make Home decoration easier

SPC Click flooring is easy installation and maintenance. It greatly reduce the decoration cost. One person can do it. It is also suitable for renovation without damage the old floor (tiles or wood floor). Make home decoration easier.



## SPC Flooring Wooden Color



# SPC Click Flooring Installation

## **Step 1:**

Start in a corner by placing the first plank with the tongue side facing the wall. Use spacers along each wall to maintain an expansion space of 8–12 mm (3/8–1/2 in) between the wall and the flooring.

**NOTE:** This spacing must also be maintained between the floor and all vertical surfaces, including cabinets, posts, partitions, door jambs and door tracks. You will also need to use transition strips in doorways and between rooms. Failure to do so may cause buckling or gapping.

## **Step 2:**

To attach your second plank, lower and lock the end tongue of the second plank into the end groove of the first plank. Line up edges carefully to ensure a close and tight fit. Using a rubber mallet, lightly tap the top of the end joints where the first and second planks lock together. The planks should lay flat to the floor.

**Warning:** Failure to properly line up the end joint and attempting to force it in while out of alignment could result in permanent damage to the end joint.

## **Step 3:**

Repeat this procedure for each subsequent plank in the first row. Continue connecting the first row until you reach the last full plank. Fit the last plank by rotating the plank 180° with the pattern side upward and placing it beside the first row of planks with its end up against the far wall. Line a ruler up across the end of the last full plank and across this new plank. Draw a line across the new plank with a pencil, score with an utility knife and snap off.

Diagram 3.

## **Step 4:**

Rotate the plank 180° so that it is back to its original orientation. Lower and lock its end tongue into the end groove of the last full plank. Lightly tap the top of the end joints with a rubber mallet until the planks are flat on the floor. You will begin the next row with the off-cut piece from the previous row to stagger the pattern. Pieces should be a minimum of 200 mm (8 in) long and joint offset should be at least 400 mm (16 in). Cut pieces should be no less than 152.4 mm (6 in) in length and 76.2 mm (3 in) in width. Adjust layout for a balanced look. Diagram 4.

## **Step 5:**

To start your second row, rotate the cut-off piece from the previous row 180° so that it is back to its original orientation. Tilt and push its side tongue into the side groove of the very first plank. When lowered, the plank will click into place. Using a tapping block and rubber mallet, lightly tap the long side of the new plank to lock it with the planks of the first row. The planks should lay flat to the floor. Diagram 5.

## **Step 6:**

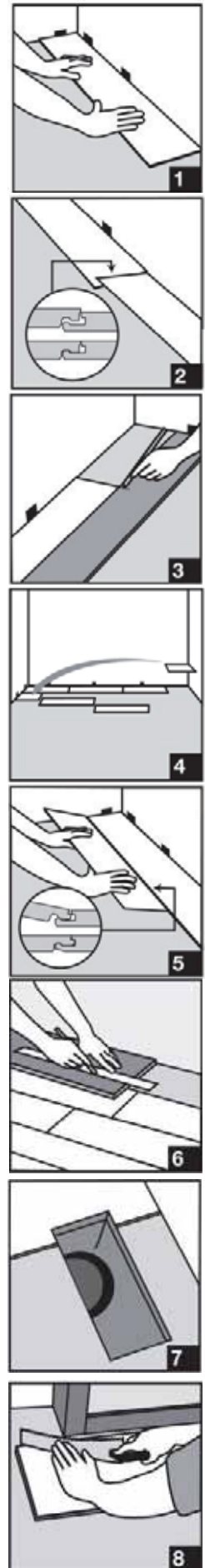
Attach the second plank of the new row first on the long side. Tilt and push plank into place, making sure edges are lined up. Lower plank to the floor. Using a tapping block and rubber mallet, lightly tap the long side of the new plank to lock it into place. Next, lightly tap down on the top of the end joints with a rubber mallet to lock them together. Continue laying remaining planks in this manner. To fit the last row, lay a plank on top of the previous row with its the tongue to the wall. Lay a ruler across the plank so that it is lined up with the side of the planks of the previous row and draw a line across the new plank with a pencil. Don't forget to allow room for spacers. Cut the plank with a utility knife and attach into position. Diagram 6.

## **Step 7:**

Door frames and heating vents also require expansion room. First cut the plank to the correct length. Then place the cut plank next to its actual position and use a ruler to measure the areas to be cut out and mark them. Cut out the marked points allowing the necessary expansion distance on each side. Diagram 7.

## **Step 8:**

You can trim for door frames by turning a plank upside down and using a handsaw to cut away the necessary height so that planks slide easily under the frames. Diagram 8. Remove the spacers once the floor is completely installed.





# SPC Click Flooring Maintenance

Sweep regularly to remove surface grit and dust. Use a damp cloth or mop to clean up any dirt and footprints. All spills should be cleaned up immediately.

**CAUTION:** Planks are slippery when wet. Never use wax, polish, abrasive cleaners or scouring agents as they may dull or distort the finish.

High heels can damage floors.

Do not allow pets with unclipped nails to scratch or damage the floor.

Use protective pads under furniture.

Use doormats at entrance ways to protect the floor from discoloring. Avoid using rubber-backed rugs, as they may stain or discolour the vinyl flooring. If you have an asphalt driveway, use a heavy duty doormat at your main door, as chemicals in asphalt can cause vinyl flooring to yellow.

Avoid exposure to direct sunlight for prolonged periods of time. Use drapes or blinds to minimize direct sunlight during peak sunlight hours.

It's a good idea to save a few planks in case of accidental damage. Planks can be replaced or repaired by a flooring professional.

If other trades are in the work area, a floor protector is highly recommended to help protect the finish of the floor.

**CAUTION:** Some types of nails, such as common steel nails, cement coated or some resin-coated nails, may cause a discoloration of the vinyl floor covering. Use only non-staining fasteners

with underlayment panels. The procedure of gluing and screwing underlayment panels is not recommended.

Solvent-based construction adhesives are known to stain vinyl floor coverings.

All responsibility for discoloration problems caused by fastener staining or the use of construction adhesive rests with the underlayment installer/consumer.

## WARRANTY

This guarantee is for replacement or refund of the vinyl plank flooring only, not labor (including the cost of labor for installation of the replacement floor) or costs incurred with loss of time, incidental expenses or any other damage.

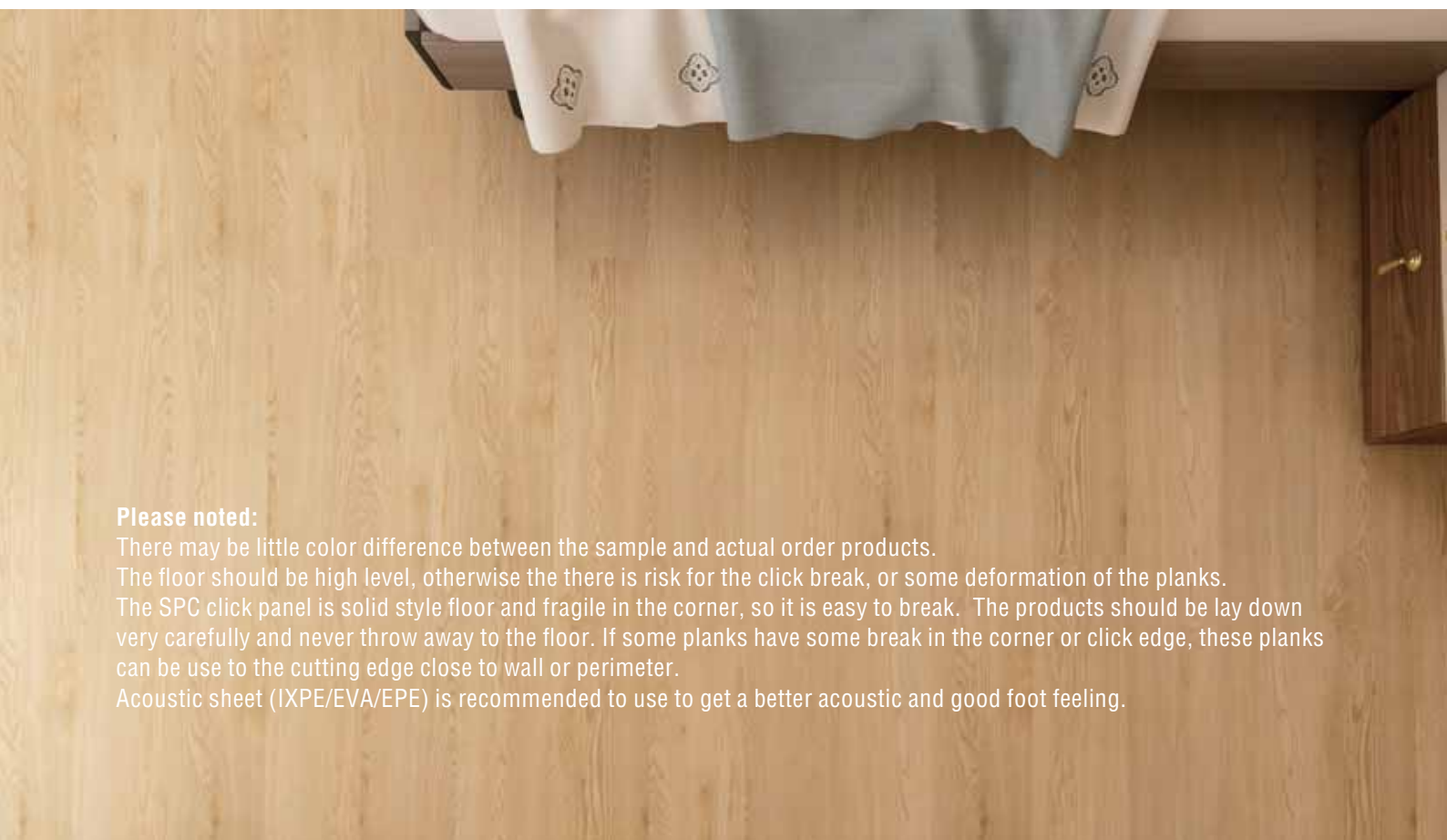
It does not cover damage from improper installation or maintenance (including side or end gapping), burns, tears, indentations, stains or reduction in gloss level due to normal use and/or exterior applications. Gapping, shrinkage, squeaks, fading or structural sub floor related issues are not covered under this warranty. Temperature variations – excessive heat or below freezing ( $-4^{\circ}\text{C}$  and below) – may cause expansion or contraction of the product. 10 Year Residential Warranty Our 10-Year Residential Limited Warranty for vinyl plank means that for 10 years, from the date of purchase, your floor will be free from manufacturing defects and will not wear through or permanently stain from common household stains when installed and maintained according to instructions supplied with each carton. 5 Year Commercial Warranty Our 5 Year Limited Commercial Warranty for vinyl plank means that for 5 years, from the date of purchase, your floor will be free from manufacturing defects and will not wear through when installed and maintained according to instructions supplied with each carton. Improper installation or workmanship should be directed to the contractor who installed the floor. Claims This guarantee applies only to the original purchaser and proof of purchase is required for all claims. Claims for wear must show a minimum dime size area. This guarantee is pro-rated based on the amount of time the floor has been installed. If you wish to file a claim under warranty, contact the authorized dealer where the flooring was purchased.



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# SPC Click Flooring



**Please noted:**

There may be little color difference between the sample and actual order products.

The floor should be high level, otherwise there is risk for the click break, or some deformation of the planks.

The SPC click panel is solid style floor and fragile in the corner, so it is easy to break. The products should be lay down very carefully and never throw away to the floor. If some planks have some break in the corner or click edge, these planks can be use to the cutting edge close to wall or perimeter.

Acoustic sheet (IXPE/EVA/EPE) is recommended to use to get a better acoustic and good foot feeling.