

NEXT GENERATION SPC LAYERS



BEKKER's **Brand New SPC Collection** is up to the task in both home and commercial settings. Design your affordable, easy-care, and fashionable flooring, without sacrificing comfort and style.

A next generation, waterproof technology using Stone Plastic Composite flooring, our products feature an easy install-locking system, and five layers at a total thickness of 5mm, including a special wear layer that protects against scratches, spills and sun damage.



BEKKER
SPC COLLECTION

SPC LAYERS

Airports & Terminal Buildings ✓	Shopping Malls & Food Court Areas ✓	Stores & Shops ✓	Cafes & Restaurants ✓
Schools ✓	Hotels ✓	Offices ✓	Exclusive Meeting Rooms ✓
Hospitals & Bank Branches ✓	Conference Halls ✓	Government Building ✓	Cinemas & Retail Areas ✓
Opera & Theater Halls ✓	Recreational Facilities ✓	Galleries & Museums ✓	Fairgrounds ✓

RESIDENTIAL & HOMES

The installation of all BEKKER SPC Collection products is easy, quick, clean, and quiet. Choose our affordable and durable products to effortlessly build and maintain comfortable and refreshing living spaces. You can draw on a wide variety of design concepts to create your own decorative, warm and playful floor combinations.

COMMERCIAL & RETAIL

With its waterproof Rigid Core technology, as well as antibacterial and acoustic qualities, the new SPC Collection can help you create comfortable working and living environments in a wide range of setting, from sports centers to schools, from hospitals to offices, and other commercial spaces.



CREATE YOUR OWN FLOOR

The installation of all BEKKER Floor products is easy, quick, clean, and quiet. You can draw on a wide variety of design concepts to create your own *decorative, warm, and playful* floor combinations



EASY MAINTENANCE



EASY INSTALLATION



DUST FREE



A BETTER GROUND

All BEKKER Floor products provide a better floor for indoor creativity. Our new SPC Collection is the perfect choice for better heat and sound insulation, functional tranquility, and comfort.



SOUND INSULATION



HEALTH & SAFETY

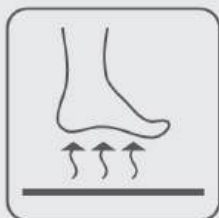


ECO FRIENDLY



A HEALTHY & WARMER GROUND

BEKKER SPC Products do not contain materials hazardous to health. We provide unmatched hygiene and heat insulation, ensuring healthier and warmer floors for everyone choosing our products.



WARM UNDERFOOT



PHTHALATE FREE



ANTIBACTERIAL



WATERPROOF

Thanks to its special multi-layered structure, our products are guaranteed to be waterproof, moisture resistant, and antibacterial



WATERPROOF



ANTIBACTERIAL



5+1.5 MM

SPC Flooring: Wood texture



SPC Flooring: Wood texture



Cafe Au Lait

VF445-3 BKSW445-3

Dimension:

1220 x 182 x 5mm/ 0.5 + 1.5mm

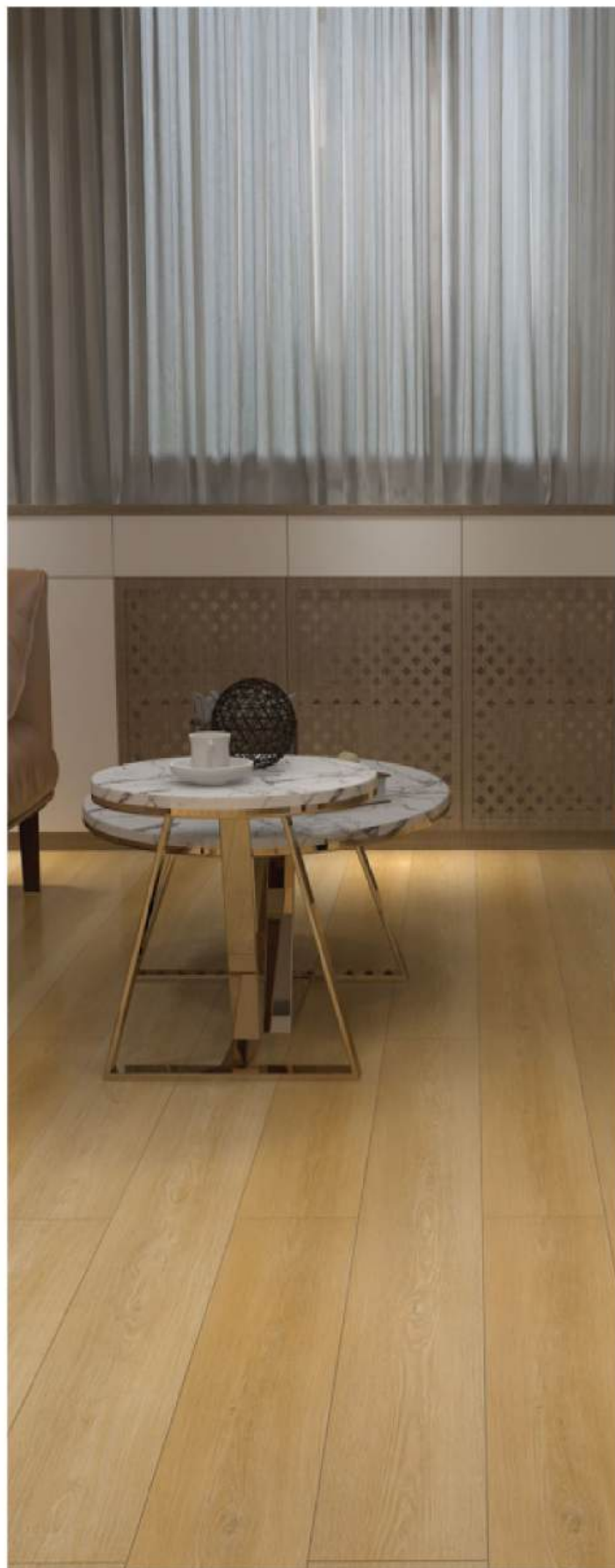
SPC Flooring: Wood texture



SPC Flooring: Wood texture



SPC Flooring: Wood texture



SPC Flooring: Wood texture



Carbon
NP1205 BKSW1205
Dimension:
1220 x 182 x 5mm/ 0.5 + 1.5mm

SPC Flooring: HerringBone



SPC Flooring: HerringBone



SPC Flooring: Stone texture



SPC Flooring: Stone texture



SPC Installation and Maintenance Instructions

Area of application

SPC Flooring is a durable, easy to maintain tasteful floor covering option for both residential and commercial use. Due to its slim structure, the product is suitable for both new construction and renovation projects. The product can be installed in lounges and high humidity environments such as bathrooms, kitchens or cellars.

SPC Flooring is suitable for underfloor heating systems using hot water in accordance with DIN EN 1264 Part 3. Radiant underfloor heating is not permitted.

Indoor climate

The site where the product to be installed, should be maintained at least 18 °C, and shall not exceed 30°C. If the SPC Flooring itself is stored in a facility within the same range of the temperatures mentioned above prior to purchasing, no acclimation is required for SPC Flooring itself prior to installation.

Room temperatures of 20-22°C and a relative humidity in the range of 35-65% are optimal and recommended after the installation is completed. With underfloor heating, these values can already be achieved with a surface temperature 24°C.

The humidity should be observed especially in winter seasons and if necessary should be raised to recommended measures.

Transport and Storage

In order to prevent edge damage and prevent bending of the SPC, the boxes should not be stored or carried the narrow sides down, but should only be transported and stored on a flat and stable surface, laid the longer side of the boxes on the floor.

Clearances and joints

In environments without strong and direct sunlight, it is possible to install the flooring without expansion joints up to a 20 meters of length. For larger areas or more complex layouts such as L-, Z- or U-shape, "hourglass", constrictions, doorways, and/ or if heavy or permanently installed structures obstruct the free movement of the floating installation, the flooring must be split at an appropriate place with an expansion joint. For areas with dynamic horizontal forces, such as those found at gyms, on sports and dance floors, the flooring is not suitable.

If any expansion joints present in the creed on the ground, they should be leveled. A 10mm gap must be left between the SPC floor covering and any other floor covering at transitions, all fixtures, doorframes and walls. If any wood frames or current baseboards present at site, they SPC flooring must be slide underneath by opening a notch to the bottom of said structure.

All wedges should be removed and the openings should be covered with suitable trims pieces such as baseboards, transition rails and pipe rosettes.

Floating installation requires the floor covering in the doorways to be separated with a threshold.

Adjacent surfaces with extreme temperature differences should be separated if necessary. Intense and direct sunlight can cause thermal expansion. Suitable shading measures prevent overheating.

Before the installation

The boxes may only be opened immediately before installation. Always mix planks randomly from multiple boxes. Before installation, check the individual element any defects such as color structure, possible physical damage in a good lit environment. No claims on product defect or damage will be accepted post installation. Variances in color, graphic, surface, texture and structure is typical and is not considered a defect. While placing items over the floor with high static pressure load, weight distribution must be done according to the load distribution place.

Installation Type

The 5mm+1.5mm SPC flooring planks already come with sound insulation layer integrated to its structure. An IXPE sound pad is attached to the bottom of each plank, therefore no additional sound insulation is required and flooring can be installed directly to ground as a floating system.

A floating flooring system is a floor that does not require it to be glued down to the subfloor. A Floating flooring system is a floor that does not require to be glued down to the subfloor.

Required tools

A ruler, pencil, speed square, utility knife or level cutter, Rubber flooring Mallet and, if necessary punch saw and spacer wedges and a slap block.

Subfloor Prep/ Conditions (DIN 18365 paragraph 3)

The sub-floor must be free of old textile coverings, clean, permanently dry, even, firm and stable. Loose, soft or resilient old coverings must always be removed. The flatness must correspond to DIN 18202 table 3 line 4, and should not exceed 2mm/ meter. Any Bumps must be removed and pits must be filled.

The following maximum moisture contents apply to new construction or fresh slab:

Screed type	Unheated	Floor heating
Cement	2,0%	1,8%
Calcium sulfate	0,5%	0,3%

(Reference CM measurement)

For underfloor heating, the maximum permissible heat output is 55 W/m and must be distributed evenly over the area.

The surface temperature of heated slab must not exceed 29°C.

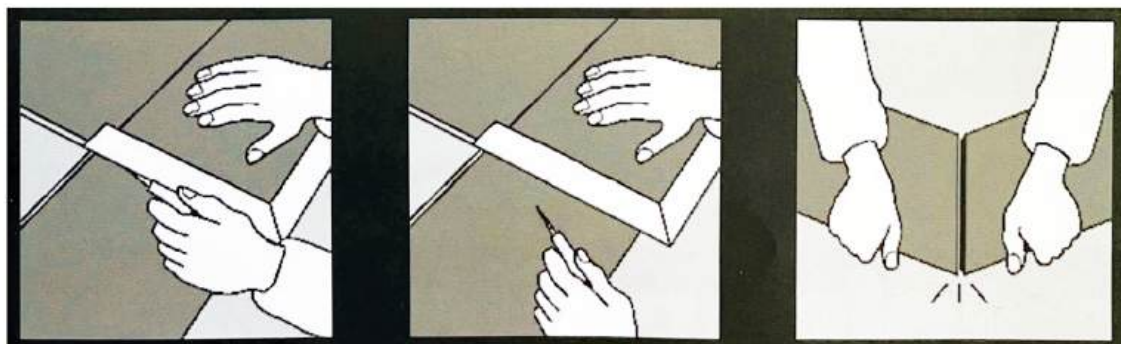
Installation Steps

Install the first board with the spring side facing the wall. Then, the second plank is wrapped from the front side from above into the first one.

Installation direction ►



The last element of the series will be shortened: Scratch the decor side with utility knife, and then bend and snap the plank at this point.



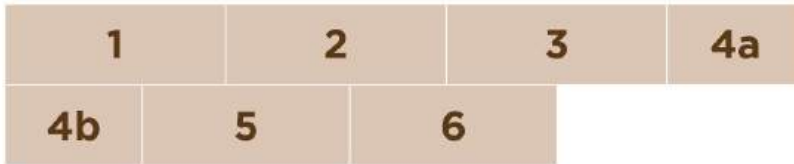
Make sure that the first track is laid perfectly straight and secure the 10mm distance to the wall with wedges, while making sure the same allowance are applied to the two ends/ sides.

Flowing lines:

The offset of the end joints between two adjacent rows must be at least 40cm or ½ plank length. If the remaining section does not fit, just take it as the beginning of the next row and use a matching, new cut.

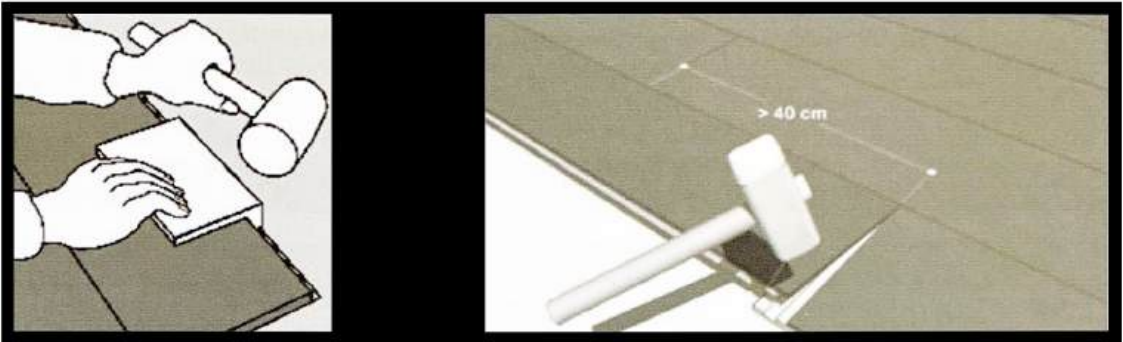
Insert the beginning piece angled into the long side of the wow already in place and lock it gently folding it down. The next element is also first infiltrated on the long side and locks properly when folded down at the head end.

Installation direction ►



To ensure that the profiles interlock reliably, the longitudinal joints must be tapped with dosed blows with a slap block and rubber mallet.

The elements of the last row are cut to size and fitted with 10 mm clearance to the wall.



Finishing touches

All wedges should be removed, skirting or baseboards, transition rails and pipe rosettes should be installed.



Cleaning and care

The cleaning and care for SPC flooring is minimal but crucial for the longevity of your floor.

Non-suitable cleaners, sand, acidic or alkaline substances, solvents, stiletto heels, metal and metal abrasion can attack the surface and lead to bruises, scratches or discoloration. Furniture must have clean sliders; office chairs must also be placed. Spotting and aggressive substances must be removed immediately from the surface. The use off clean-up zones considerably reduces the amount off dirt introduced. Remove dust and loose dirt regularly by sweeping or vacuuming with a parquet nozzle.



NEW PERSPECTIVE ON A BETTER GROUND

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BEKKER PREMIUM SPC FLOORING **6.5 mm. SPC Click + IXPE.**

Texture	Dimensions (Planks or tiles)	Quantity a package (m²)	Quantity in a package (Pcs)
WOOD	1220 x 182 mm	2.22 Smt	10 Pcs
STONE	304.8 x 609.6 mm	1.86 Smt	10 Pcs
HERRINGBONE	660 x 126 mm	1.25 Smt	15 Pcs

EIR 9.5mm

Texture	Dimensions (Planks or tiles)	Quantity a package (m²)	Quantity in a package (Pcs)
EIR	1800 x 228 mm	1.64	4 Pcs

TECHNICAL SPECIFICATIONS

EN 16511



Loose-laid panels-Semi-rigid multilayer modular floor (MMF) covering panels with wear resistant top layer

STT	PRODUCT SPECIFICATION	TEST STANDARD	WOOF TEXTURE 5mm, 0.5mm, 1.5 IXPE	HERRINGBONE 5mm, 0.5mm, 1.5 IXPE	STONE 5mm, 0.5mm, 1.5 IXPE	EIR 7.5mm, 0.7mm, 2 IXPE
	Total thickness		6.5mm	6.5mm	6.5mm	9.5mm
	Thickness of Wear Layer		0.5mm	0.5mm	0.5mm	0.7mm
	Total weight		10.587 kg/m	10.587 kg/m	10.587 kg/m	10.587 kg/m
	Usage Classification					
	Flank Size		1220*182 mm	660*126 mm	304.8*609.6 mm	1800*228 mm
	Packing Per Carton Planks		10 pcs	15 pcs	10 pcs	4 pcs
	Underlayment optionally IXPE		1.5mm IXPE Underlay	1.5mm IXPE Underlay	1.5mm IXPE Underlay	2 mm IXPE Underlay
	Surface treatment (UV)		Coated 2 layers of UV	Coated 2 layers of UV	Coated 2 layers of UV	Coated 2 layers of UV
	Beveled Edges		Yes-Micro Bevel	Yes-V Bevel	Yes-Micro Bevel	Yes-Micro Bevel
	Dimensional Stability	EN ISO 23999:2012	MD: 0.10%; AMD: 0.15%	MD: 0.10%; AMD: 0.15%	MD: 0.10%; AMD: 0.15%	MD: 0.10%; AMD: 0.15%
	Reaction to Fire	EN 13501-1:2007 +A1:2009	Bfl-S1	Bfl-S1	Bfl-S1	Bfl-S1
	Residual Indentation	EN ISO 24343-1	0.048 mm	0.048 mm	0.048 mm	0.048 mm
	Furniture Leg					
	Castor Chair	EN 415:2002	No change	No change	No change	No change
	Locking strength	EN ISP 24345:2012	Longitudinal joint: 135N, Trans joint: 180N	Longitudinal joint: 135N, Trans joint: 180N	Longitudinal joint: 135N, Trans joint: 180N	Longitudinal joint: 135N, Trans joint: 180N
	Impact Sound Reduction with 1.5 mm IXPE underlay					
	Light Fastness					
	Resistance of Staining	EN ISO 26987:2012	Not affected	Not affected	Not affected	Not affected
	Micro Scratch Resistance		in the range from 0.0150 to 0.0220	in the range from 0.0150 to 0.0220	in the range from 0.0150 to 0.0220	in the range from 0.0150 to 0.0220
	Impact Resistance					
	Abrasion Resistance	EN660-2:199+A1: 2003	Pass (Group T), 2000 cycles	Pass (Group T), 2000 cycles	Pass (Group T), 2000 cycles	Pass (Group T), 2000 cycles
	Thermal Resistance		11.5 KW/m	11.5 KW/m	11.5 KW/m	11.5 KW/m
	Slip Resistance	DIN 51130:2014-02 EN: 14041:2008	R10 $\mu = 0.43DS$	R10 $\mu = 0.43 DS$	R10 $\mu = 0.43 DS$	R10 $\mu = 0.43 DS$
	Static Electrical Propensity					
	Formaldehyde	ASTM D6007-2014	Not detected	Not detected	Not detected	Not detected
	STC Sound Testing with 1.5mm IXPE Underlay	ESTME413-16	STC 57	STC 57	STC 57	STC 57
	IIC Sound Testing with 1.5mm IXPE Underlay	ESTME492-09	IIC 62	IIC 62	IIC 62	IIC 62
	Pentachlorophenol (PCP)		Not detected	Not detected	Not detected	Not detected
	Floor Heating System					
	FloorScore	Indoor Air Quality Certificate to SCS-EC10.3-2014 v4.1	SCS-FS-08209	SCS-FS-08209	SCS-FS-08209	SCS-FS-08209
	TVOC	CDPH/EHLB V1.2-2017	≤0.5 mg/m ³	≤0.5 mg/m ³	≤0.5 mg/m ³	≤0.5 mg/m ³

