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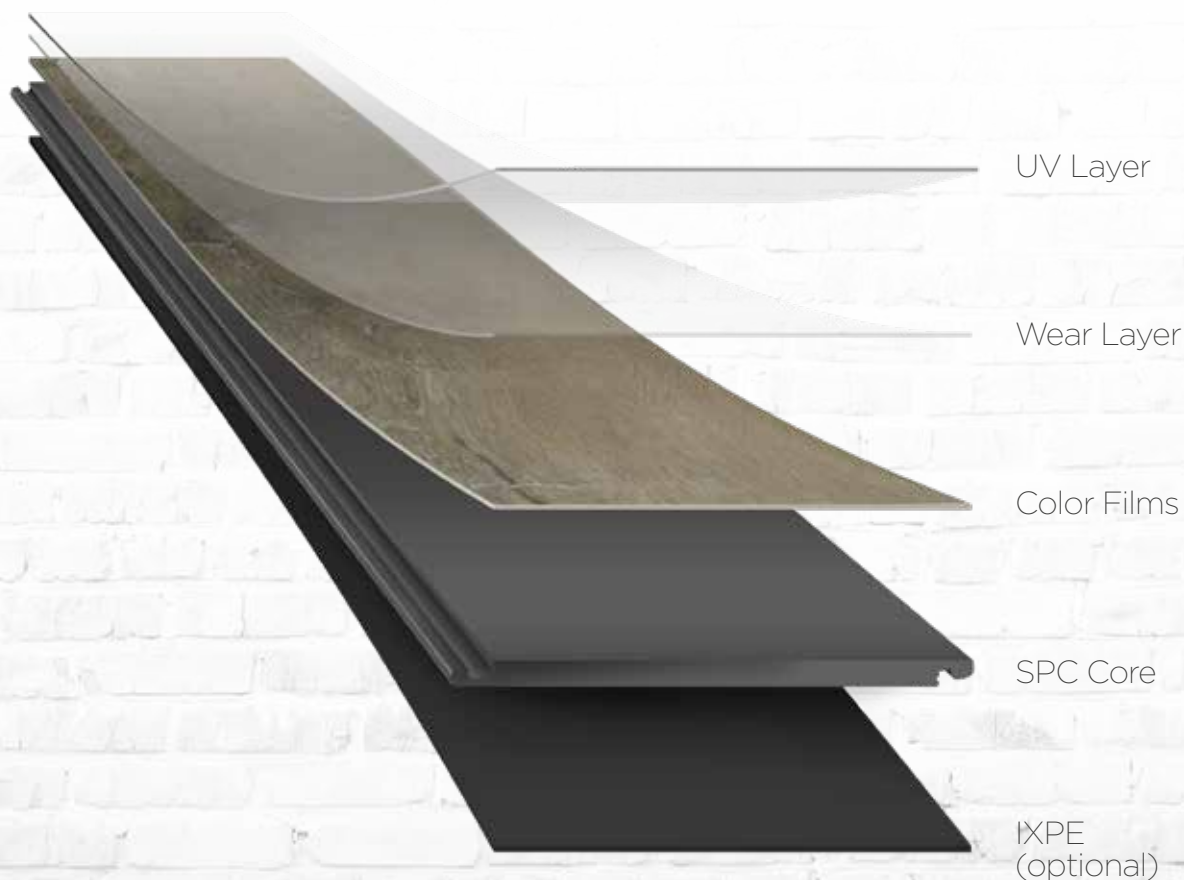
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NEW PERSPECTIVE
ON A BETTER GROUND

NEXT GENERATION **SPC LAYERS**



Floor'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 5 mm, including a special wear layer that protects against scratches, spills, and sun damage.

AREA OF USE



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

RESIDENTIAL

The installation of all Floor products is easy, quick, clean, and quiet. Choose our affordable and durable products to build and maintain effortless, comfortable and refreshing living spaces. You can create a wide variety of design concepts to create your own decorative, warm, and playful flooring combinations.

COMMERCIAL & RETAIL

With its waterproof Rigid Core technology, along with antibacterial and acoustic qualities, the new SPC Collection can help you create comfortable working and living environments in a wide range of settings, including, but not limited to sports venues, schools, hospitals, offices, and other commercial spaces.



CREATE YOUR OWN FLOOR

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



EASY MAINTENANCE



EASY INSTALLATION



DUST FREE



A BETTER GROUND

All 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

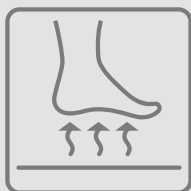


ECO FRIENDLY



A HEALTHY & WARMER GROUND

Floor products do not contain hazardous materials. 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 and Rigid Core structure, our products are guaranteed to be waterproof, moisture resistant, and antibacterial.



WATERPROOF



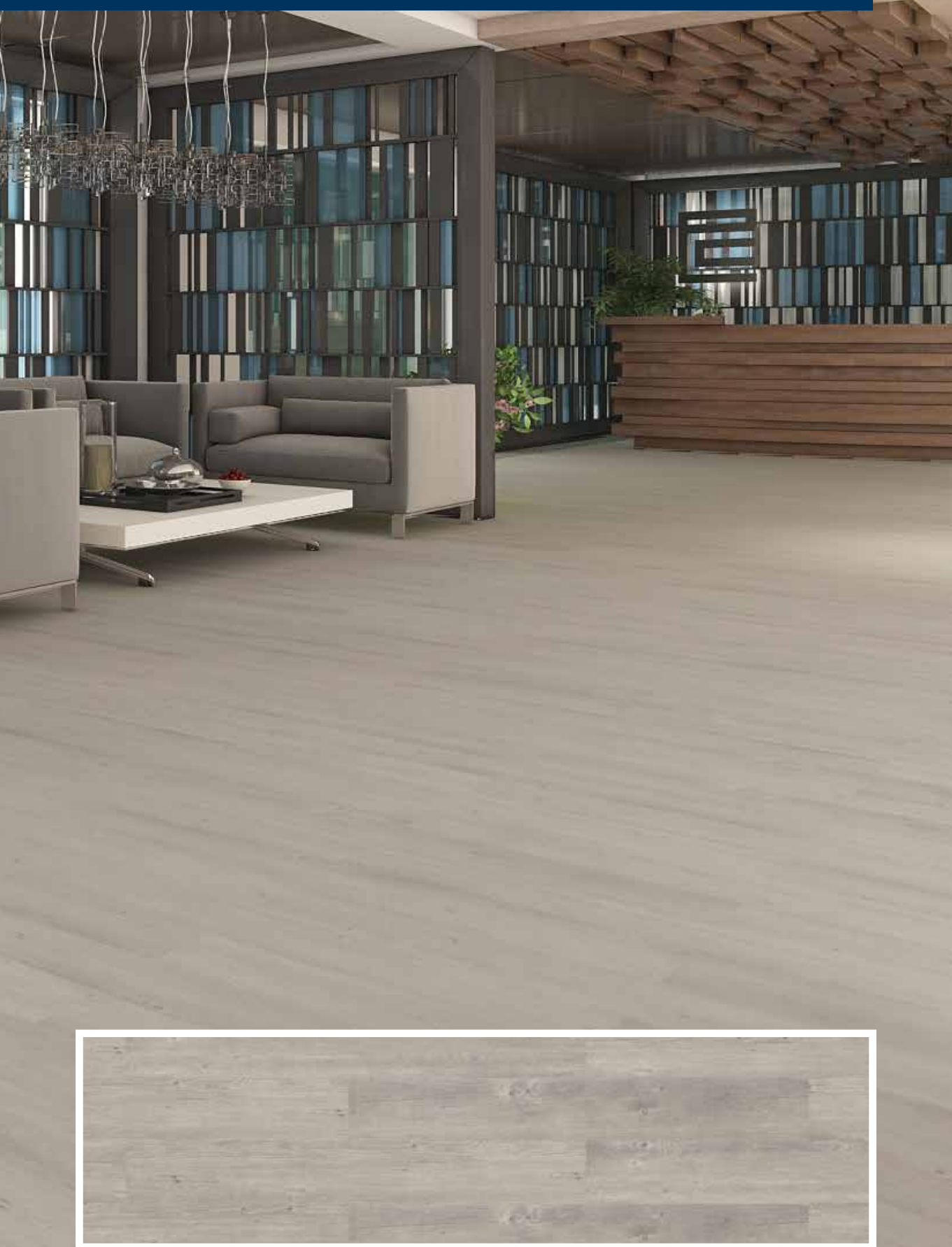
ANTIBACTERIAL



4+1 MM

VIVA SERIES





4213 AERO



1000 STILO



1010 KLASIKA



1040 POEMO



1050 SENTEMA



1220 NEGO



1300 MORNA



1301 NOBLA



1302 SPERTA



1303 AMASO



1304 BONEGA



1305 DENSECO



1306 RAPIDA



1401 ALLOGA



1402 GRUNDO



1403 ADMIRINDA



1405 PLATANO



1406 AKRA



1408 AMATO



1412 DONO



1510 VARMA



1511 PURA



1512 PACO



1513 PLEZURO



1514 JUNA



1515 LIGNO



1516 CASISTO



1517 BRILO



1520 MOLA



1521 NUBO



1523 FELICA



1524 GASTO



1525 MEDIO



1526 KLARA



1527 GITARO



1528 STAGNA



2010 APERTA



4201 MALLUMO



4210 REFLEKTO



4211 NATURA



4212 ARBARO

Installation and Maintenance Instructions

Area of Use

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.

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

Site Climate

The site where the product to be installed, should be maintained at least 18 °C, and shall not exceed 30°C. If the Flooring itself is stored in a facility within the same range of the temperatures mentioned above prior to purchasing, no acclimation is required for 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 of 24°C.

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

Transportation and Storage

In order to prevent edge damage and prevent bending, 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 screed on the ground, they should be leveled. A 10 mm gap must be left between the 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 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 4mm+1mm 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.

Required tools

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

Subfloor Prep / Conditions (DIN 18365 paragraph 3)

The 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:

Slab 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.

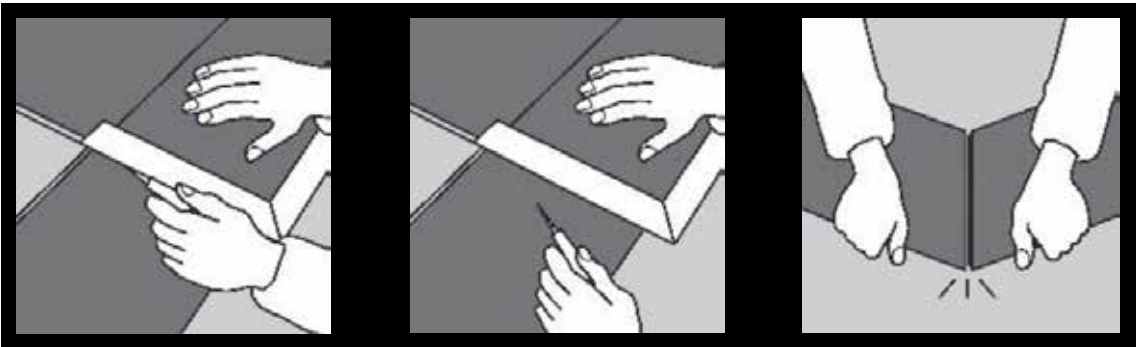
Installation Steps

Install the first plank 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 10 mm distance to the wall with wedges, while making sure the same allowance are applied to the two ends/sides.

Following lines:

The offset of the end joints between two adjacent rows must be at least 40 cm or 1/2 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.

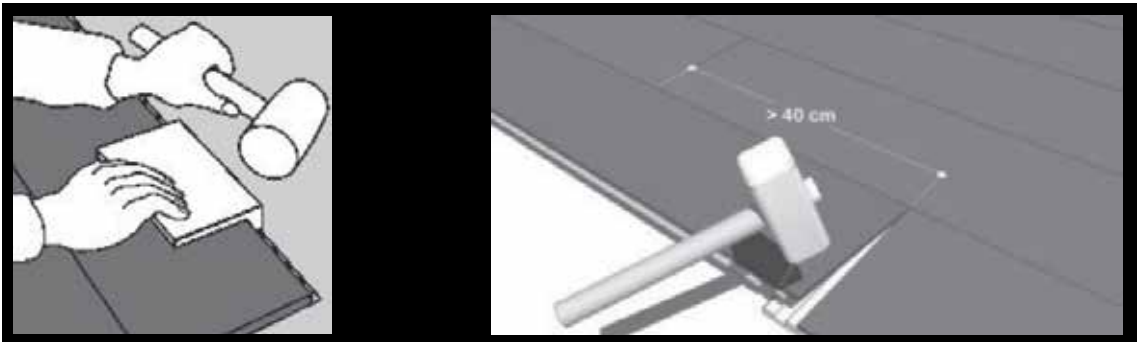
Insert the beginning piece angled into the long side of the row already in place and lock it gently folding it down. The next element is also first infiltrated on the long side and locks properly when folded down at the head end.

installation direction ▶

1	2	3	4a
4b	5	6	

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 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 have suitable soft casters. Under office chairs, a suitable floor protection mat must also be placed. Spotting and aggressive substances must be removed immediately from the surface. The use of clean-up zones considerably reduces the amount of dirt introduced. Remove dust and loose dirt regularly by sweeping or vacuuming with a parquet nozzle.



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Dimensions (Planks or tiles)	Quantity in a Package (m²)	Quantity in a Package (pcs)
177,8 x 1.219,2 mm	2,167 m²	10 pcs
228,6 x 1.219,2 mm	2,230 m²	8 pcs

4 mm. SP Click

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177,8 x 1.219,2 mm	2,167 m²	10 pcs
228,6 x 1.219,2 mm	2,230 m²	8 pcs

TECHNICAL SPECIFICATIONS

EN 16511



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

PRODUCT SPECIFICATION		STANDARD	4mm 0,30mm SPC Click	4 mm. 0,55 mm. SPC Click
	Total Thickness	ISO 24337	4,00 mm.	4,00 mm.
	Thickness of Wear Layer		0,30mm	0,55 mm.
	Total Weight	EN ISO 23997	7.850 kg/m²	7.140 kg/m²
	Usage Classification	EN 16511	Class 23 / Class 31	Class 23 / Class 34
	Plank Size	ISO 24337	Click: 177,8 x 1219,2 mm Click: 228,6 x 1219,2 mm	Click : 177,8 x 1219,2 mm. Click : 228,6 x 1219,2 mm.
	Packaging Per Carton: Planks		Click: 177,8x 1219,2 mm, 2,167 m² 10 pcs. Click: 228,6x 1219,2 mm, 2,230 m² 8 pcs.	Click: 177,8 x 1219,2 mm, 2,167 m² 10 pcs. Click: 228,6x 1219,2 mm, 2,230 m² 8 pcs.
	Underlayment optionally IXPE		+ 1mm IXPE Underlay	+ 1mm IXPE Underlay
	Surface treatment (UV)		Yes	Yes
	Beveled Edges		Yes -Micro Bevel	Yes -Micro Bevel
	Dimensional Stability	EN-ISO 23999	≤0,15%	≤0,15%
	Reaction to Fire	EN 13501-1	BFL-S1	BFL-S1
	Residual Indentation	ISO 24343-1	≤ 0,05 mm	≤ 0,05 mm
	Furniture Leg	EN 424	No damage	No damage
	Castor Chair	ISO 4918 - EN 425	No change	No change
	Locking Strength	ISO 24334	Longitudinal joint: 3.7 kN/m, Trans joint 3.6 kN/m	Longitudinal joint: 3.4 kN/m, Trans joint 3.6 kN/m
	Impact Sound Reduction with 1mm IXPE Underlay	EN ISO 717-2	21 dB	19 dB
	Light Fastness	EN ISO 105-B02	6	6 -7
	Resistance to Staining	EN 438-2	Groups 1 - 3: grade 5	Groups 1 - 3: grade 5
	Micro Scratch Resistance	EN 16094	MSR-A2	MSR-A2
	Impact Resistance	EN 13329 Annex F	> 1800 mm	> 1800 mm
	Abrasion Resistance	EN 13329 Annex E	≥ 2000 cycles	≥ 4000 cycles
	Thermal Resistance	EN 12664	0,0160 m² K/W	0,0177 m² K/W
	Slip Resistance	DIN 51130 EN 13893	R9 μ≥ 0,30 DS	R9 μ≥ 0,30 DS
	Static Electrical Propensity	EN 1815	≤2kV	≤2kV
	Formaldehyde	EN 717-1:2014	E1 (Formaldehyde Free)	E1 (Formaldehyde Free)
	STC Sound Testing with 1mm IXPE Underlay	ASTM 492-09	-	STC 52
	IIC Sound Testing with 1mm IXPE Underlay	ASTM E 989-18	-	IIC 55
	Pentachlorophenol (PCP)	CP 491510-01	PCP Free	PCP Free
	Floor Heating System	Yes suitable, see separate installation instructions.	Max. 29° C	Max. 29° C
FloorScore		Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0	SCS-FS-05915	SCS-FS-05915
TVOC		EN 16516 , ISO 16000	A+	A+