SOVERN

GROUP

RESILIENT FLOORING

SPC, WPC and LVT, *in every format*

SPC, WPC, IronLite and LVT flooring in planks, long and wide planks, herringbone, chevron and tile, in several cores and wear layers, made to your specification.

SPC, WPC, IronLite and LVT | Samples on request | Issued 1 Nov 2026

Resilient flooring, made to your specification

SPC, WPC, IronLite and LVT flooring in planks, long and wide planks, herringbone and tile, with several cores and wear layers. This catalogue lists the constructions and formats we supply, and a selection of decors.

Cores
SPC rigid core, Light SPC, ABA SPC, WPC, IronLite sandwich core, LVT

Formats
Planks, long and wide planks, herringbone, chevron, tile

Thickness
2.0 to 12.0 mm

Wear layer
0.3, 0.5, 0.55 and 0.7 mm

Installation
Click, glue-down and dry-back

- Long planks to 1800 mm
- Wide planks to 230 mm
- Herringbone and chevron
- SPC, WPC, IronLite and LVT cores
- Attached IXPE underlay
- Embossed in register on request
- Any colour: we source the decor papers
- OEM on every flooring product
- Samples on request
- Quoted to your format and quantity

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Cores and wear layers

The core sets the thickness, the weight, the sound underfoot and the way the floor is installed. The wear layer sits on top of the printed decor.

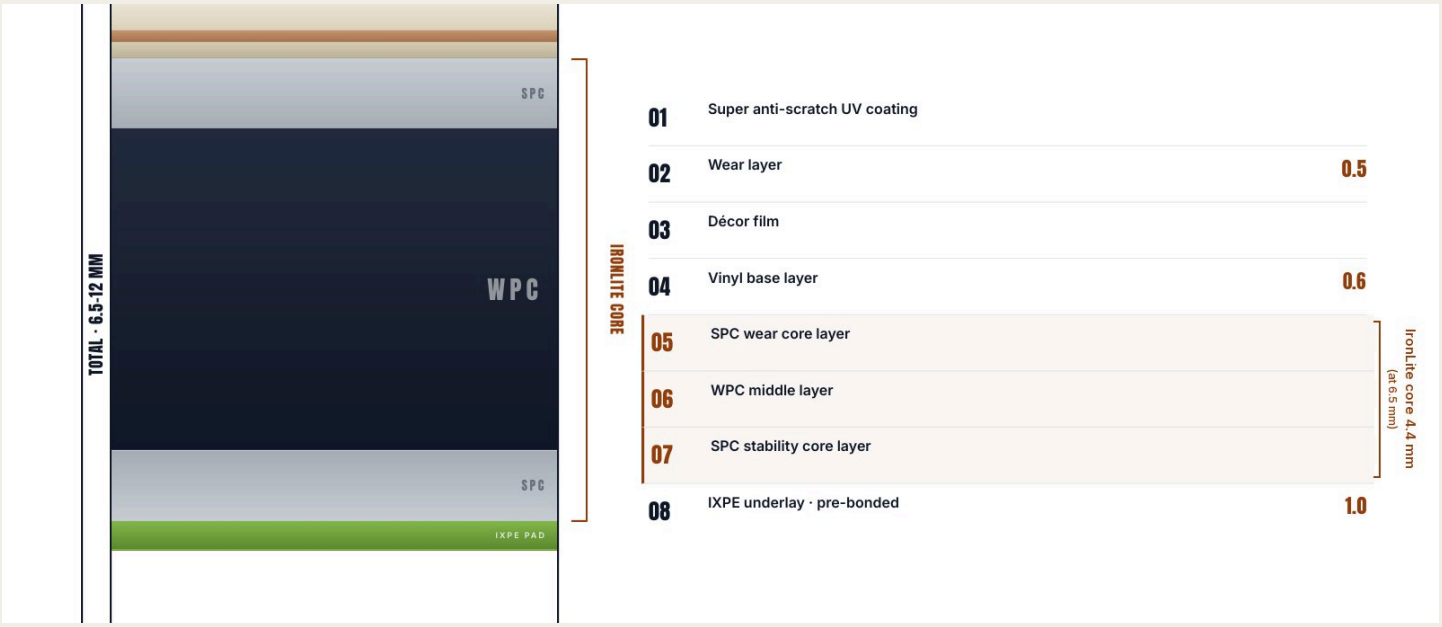
Cores

Core	What it is	Thickness (mm)	Installation
SPC rigid core	A stone-plastic composite core under the decor and wear layer, with an attached IXPE underlay on most lines	3.5 to 6.5	Click
Light SPC (LSPC)	A lightweight SPC construction, called LSPC in our wall panel catalogue, with a 1.0 mm IXPE underlay	5.5 to 6.0	Click
ABA SPC	A rigid core with a vinyl layer on each side and a 1.0 mm IXPE underlay	5.5 to 6.0	Click
WPC	A wood-plastic composite core. Made to order	5.0 to 9.0	Click
IronLite Core	A sandwich of SPC, WPC and SPC with a vinyl top layer and a bonded IXPE backing: the strength of SPC with the lightness of WPC	6.5 to 12.0	Click
LVT	Luxury vinyl tile: a flexible plank or tile with no rigid core	2.0 to 5.0	Glue-down, dry-back or click

Wear layers

Wear layer (mm)	Also written as
0.3	12 mil
0.5	20 mil
0.55	22 mil
0.7	28 mil

The surface can be embossed in register, so the texture follows the decor, on request. Other wear layers and thicknesses are made to your specification. The IronLite Core cross-section below is not to scale.



SPC planks

Click-lock rigid-core planks in the standard format, from 3.5 to 6.5 mm, in the standard, light and ABA constructions.

Standard SPC

Format (mm)	Thickness (mm)	Wear layer (mm)	Underlay	Pieces per box	m² per box
184 x 1220	3.5	0.3	None	10	2.245
184 x 1220	4.0	0.3	None	10	2.245
184 x 1220	4.5	0.3	1.0 mm IXPE	10	2.245
184 x 1220	5.0	0.3	1.0 mm IXPE	10	2.245
184 x 1220	5.5	0.5	1.0 mm IXPE	9	2.020
184 x 1220	6.0	0.5	1.0 mm IXPE	8	1.796
183 x 1220	6.5	0.5	1.5 mm IXPE	9	2.009

Light SPC (LSPC)

Format (mm)	Thickness (mm)	Wear layer (mm)	Underlay	Pieces per box	m² per box
1220 x 184	5.5	0.5	1.0 mm IXPE	12	2.694
1220 x 184	6.0	0.5	1.0 mm IXPE	10	2.245

ABA SPC

Format (mm)	Thickness (mm)	Wear layer (mm)	Underlay	Pieces per box	m² per box
1220 x 184	5.5	0.5	1.0 mm IXPE	10	2.245
1220 x 184	6.0	0.5	1.0 mm IXPE	8	1.796

Thickness is the total including the underlay. The ABA construction has a vinyl layer on each side of the core. Planks are laid in a staggered pattern.

IronLite Core and WPC

Where weight, sound and warmth underfoot matter, the core is a WPC layer or a sandwich of SPC, WPC and SPC. IronLite Core is engineered SPC with a vinyl top layer, an IronLite Core (SPC/WPC/SPC) and bonded IXPE backing.

Plank
180 x 1220 mm

Wear layer
0.5 mm

Vinyl top layer
0.6 mm

Backing
1.0 mm IXPE, bonded

Joint
Click-lock with a micro bevel

IronLite Core, 180 x 1220 mm

Total thickness (mm)	Pieces per box	m^2 per box
6.5	11	2.42
7.0	11	2.42
7.5	9	1.98
8.0	8	1.76
8.5	8	1.76
9.0	7	1.54
10.0	7	1.54
11.0	6	1.32
12.0	6	1.32

Made to order

Core	Thickness (mm)	Formats
WPC	5.0 to 9.0	Planks and tile, on enquiry

> The full IronLite Core range, with the cross-section and the weight and container data, is in the IronLite Core catalogue. WPC is quoted on enquiry; format, thickness and wear layer are set to your specification.

Long and wide planks

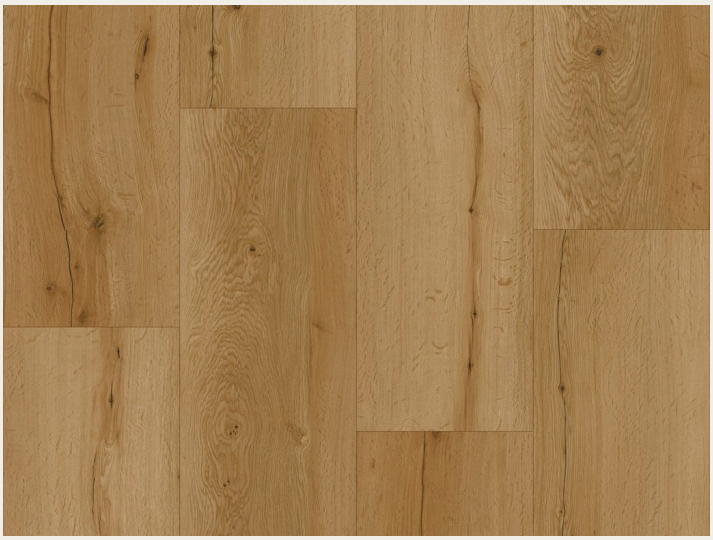
Planks 228 and 230 mm wide and up to 1526 mm long as listed, in LVT, SPC and the sandwich core. Longer planks and other widths are made to order.

Long and wide planks

Format (mm)	Core	Thickness (mm)	Wear layer (mm)	Installation	Pieces per box	m^2 per box
230 x 1526	LVT, dry-back	4.0	0.3	Glue-down	8	2.808
230 x 1526	LVT, dry-back	4.5	0.5	Glue-down	7	2.457
183 x 1524	LVT, dry-back	4.0	0.55	Glue-down	10	2.789
183 x 1524	LVT, dry-back	5.0	0.7	Glue-down	9	2.510
228 x 1500	SPC, 1.0 mm IXPE	6.5	0.7	Click	5	1.710
1524 x 228	IronLite sandwich core, 1.5 mm IXPE	8.5	0.7	Click	8	2.780

Made to order

Format (mm)	Core	Thickness (mm)	Wear layer (mm)
184 x 1220, 228 x 1220, 228 x 1524, 228 x 1800	SPC, 1.0 mm IXPE	5, 6, 7 and 8	0.55 (0.3 as an option)



The made-to-order planks are quoted on enquiry. Plank widths, wear layers and decors can be set to your specification.

Herringbone and chevron

Short SPC planks that lay in a herringbone pattern, with a 1.0 mm IXPE underlay. Chevron panels, with the ends cut at an angle, are made to order.

Herringbone, SPC, click

Format (mm)	Thickness (mm)	Wear layer (mm)	Underlay	Pieces per box	m² per box
610 x 122	5.0	0.3	1.0 mm IXPE	32	2.381
610 x 122	6.0	0.5	1.0 mm IXPE	22	1.637
600 x 100	6.5	0.7	1.0 mm IXPE	24	1.440
610 x 122	6.5	0.7	1.0 mm IXPE	24	1.786

Left: herringbone in a natural oak decor. Right: chevron in a light grey decor. Chevron is quoted on enquiry: send us the plank size, angle, decor and quantity you need.

LVT planks and tile

Thin luxury vinyl planks and tiles, glue-down or click, from 2.0 to 5.0 mm.

LVT planks

Format (mm)	Thickness (mm)	Wear layer (mm)	Pieces per box	m² per box
118 x 590	2.0	0.3	38	2.646
228.6 x 1220	2.0	0.3	20	5.578
228.6 x 1220	2.5	0.3	16	4.462
228.6 x 1220	3.0	0.5	12	3.347

LVT planks, click

Format (mm)	Thickness (mm)	Wear layer (mm)	Pieces per box	m² per box
228.6 x 1220	4.0	0.3	10	2.789
228.6 x 1220	4.5	0.3	9	2.510
228.6 x 1220	5.0	0.5	8	2.231

> The 3.0 mm plank is a dry-back, glue-down construction. How the 2.0 and 2.5 mm planks are installed is confirmed on enquiry.

Tile

Format (mm)	Core	Thickness (mm)	Wear layer (mm)	Pieces per box	m² per box
451.2 x 908.4	LVT	2.5	0.55	8	3.279
475 x 950	SPC, 1.0 mm IXPE	6.0	0.3	4	1.805

Oak decors

Eight embossed oak decors, from pale sand and natural oak through honey and golden tones to grey.

Natural oak RF-01

Honey oak RF-02

Sand RF-03

Pale sand RF-04

Golden oak RF-05

Amber oak RF-06

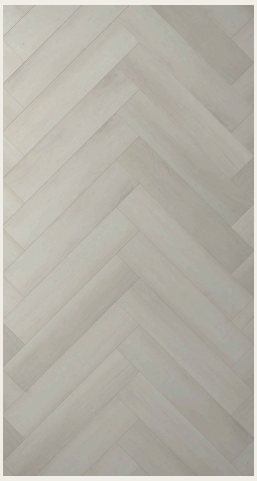
Grey oak RF-07

Warm oak RF-08

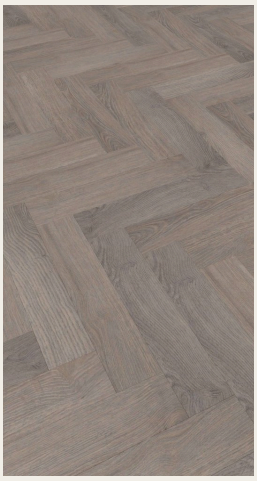
Shown as a colour and finish reference. Any colour can be made: we source the decor papers. The format, thickness, wear layer and core you need are confirmed on enquiry.

Herringbone colours

Pale, grey, taupe, walnut and dark herringbone. Any other colour can be made: we source the decor papers.

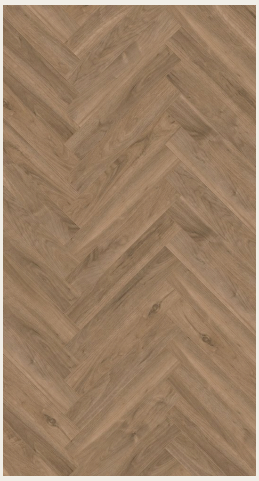


Pale herringbone RF-H02

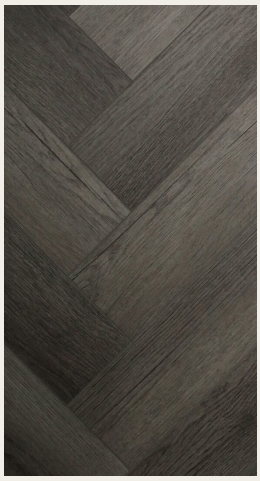


Grey herringbone RF-H01

Taupe herringbone RF-H03



Walnut herringbone RF-H05



Dark herringbone RF-H04

Shown as a colour and finish reference. Any colour can be made: we source the decor papers. The format, thickness, wear layer and core you need are confirmed on enquiry.

In the room

The same decors in living, dining and open-plan spaces.

Shown as colour and finish references: the decor, the format and the thickness are chosen when you order.

Ask for a quotation

Send us the format, core, thickness, wear layer, decor and quantity you need and we will confirm availability and send your quotation.

We make every flooring product to OEM, in your colour and under your brand. Samples of any decor can be arranged.

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