

# Spirit Pro 55 rigid click with integrated underlay & glue down.

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## Technical data.

10/2023

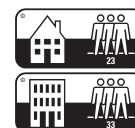
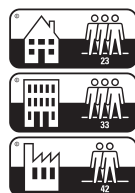
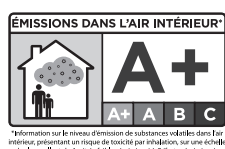
Glue down	contains	m <sup>2</sup>	weight	Rigid click with integrated underlay	contains	m <sup>2</sup>	weight
1 pack plank	10 planks	3,6 m <sup>2</sup>	17,83 kg	1 pack plank	6 planks	2,07 m <sup>2</sup>	19,25 kg
1 pallet planks	72 packs	259,34 m <sup>2</sup>	1283 kg	1 pallet planks	64 packs	132,3 m <sup>2</sup>	1232 kg
1 pack tiles	7 tiles	3,9 m <sup>2</sup>	19,32 kg	1 pack tiles	4 tiles	120,4 m <sup>2</sup>	20,74 kg
1 pallet tiles	58 packs	226,2 m <sup>2</sup>	1119,4 kg	1 pallet tiles	54 packs	226,3 m <sup>2</sup>	1120 kg

Product specifications.	Pro 55 glue down		Pro 55 rigid click with integrated underlay	
	plank	tile	plank	tile
Dimensions	1520 x 237 mm	914,4 x 609,6 mm	1511 x 228 mm	914 x 610 mm
Total thickness	EN ISO 24346	2,5 mm	4,5 mm + 1 mm	4,5 mm + 1 mm
Bevels		4	4	4
Pad (IXPE)			1 mm	1 mm
Wear layer	EN ISO 24340	0,55 mm	0,55 mm	0,55 mm
Total weight	EN ISO 23997	4,95 kg/m <sup>2</sup>	4,95 kg/m <sup>2</sup>	9,3 kg/m <sup>2</sup>
Usage classification	EN ISO 10582	23/33/42	23/33/42	23/33
Residential warranty		25 y	25 y	25 y
Commercial warranty		10 y	10 y	10 y

### Test results.

Underfloor heating	EN ISO 12524	suitable – max. 27°C (80°F)/ electrical floor heating systems: max 60 W/m <sup>2</sup>			
Castor chair	EN ISO 4918	pass	pass	pass	pass
Fire resistance	EN ISO 13501-1	Bfl-s1	Bfl-s1	Bfl-s1	Bfl-s1
Light fastness	EN ISO 105-B02	> 7	> 7	> 7	> 7
Thermal resistance	EN 8302	0,010 m <sup>2</sup> K/W	0,010 m <sup>2</sup> K/W	0,033 m <sup>2</sup> K/W	0,033 m <sup>2</sup> K/W
Chemical resistance	EN ISO 26987	OK	OK	OK	OK
Residual indentation	EN ISO 24343-1	<0,1mm	<0,1mm	<0,1mm	<0,1mm
Slip resistance	DIN 51130	R10	R10	R10	R10
	EN ISO 13893	class DS	class DS	class DS	class DS
Sound reduction: impact sound	EN ISO 717-2	3 dB	3 dB	20 dB	20 dB
Reflected walking sound	EPLF draft 021029-3-2004	25 SONE (67% sound reduction)	25 SONE (67% sound reduction)	37 SONE (52% sound reduction)	37 SONE (52% sound reduction)
Dimensional stability	EN ISO 23999	< 0,15 %	< 0,15 %	< 0,15 %	< 0,15 %
Formaldehyde	EN ISO 717-1	E1	E1	E1	E1
Lock strength	EN ISO 10582	\	\	> 5 kN/m	> 5 kN/m

vinyl planks & tiles.



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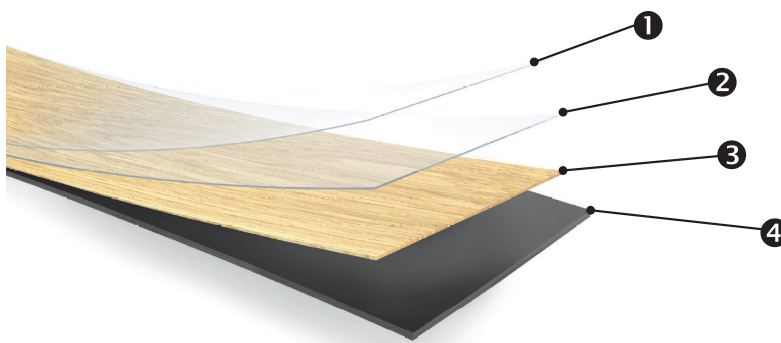
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## Underlay.

Material		IXPE
Thickness		1 mm
Compressive strength	EN 826	117 kPa
Punctual conformability	CEN TS 16354: 12-2013	0.52 mm
Water absorption	EN 12087	0.6%

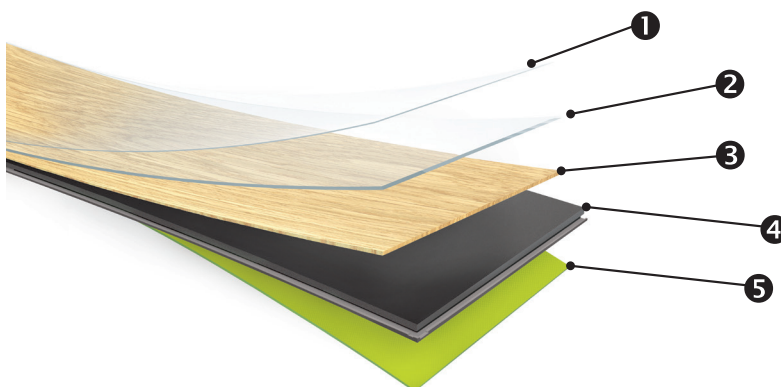
## Spirit Pro 55 glue down structure.



- ❶ Protective PU lacquer
- ❷ Wear layer 0,55 mm
- ❸ Decorative printfilm
- ❹ PVC backing layer

Total thickness: 2,5 mm

## Spirit Pro 55 rigid click with integrated underlay structure.



- ❶ Protective PU lacquer
- ❷ Wear layer 0,55 mm
- ❸ Decorative printfilm
- ❹ Rigid board
- ❺ Integrated underfloor (1 mm)

Total thickness: 4,5 + 1 mm