

# xl

## gluedown

plank: 1840 × 237 mm – box: 8 planks (=3,489 m<sup>2</sup>) – Pallet: 72 boxes (=251,18 m<sup>2</sup>)

## click comfort

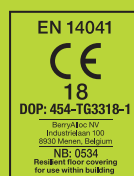
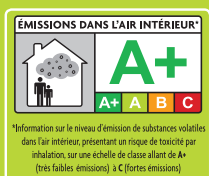
plank: 1830 × 228 mm – box: 6 planks (=2,503 m<sup>2</sup>) – Pallet: 56 boxes (=140,19m<sup>2</sup>)

### product specifications.

		pro xl gluedown plank	pro xl click comfort tile
Total thickness	EN ISO 24346	2,5 mm	4,5 mm + 1 mm
Pad (IXPE)		/	1 mm
Wear layer	EN ISO 24340	0,55 mm	0,55 mm
Total weight	EN ISO 23997	4,95 kg/m <sup>2</sup>	9,3 kg/m <sup>2</sup>
Usage classification	EN ISO 10874	23/33/42	23/33/42

### 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
Fire resistance	EN ISO 13501-1	Bfl-s1	Bfl-s1
Light fastness	EN ISO 105-B02	> 7	> 7
Thermal resistance	EN 8302	0,01 m <sup>2</sup> K/W	0,033 m <sup>2</sup> K/W
Chemical resistance	EN ISO 26987	OK	OK
Residual indentation	EN ISO 24343-1	<0,1mm	<0,1mm
Slip resistance	DIN 51130	R10	R10
	EN ISO 13893	classe DS	classe DS
Sound reduction: impact sound	EN ISO 717-2	3 dB	on Fastec 11 dB 20 dB
Reflected walking sound	EPLF draft 021029-3-2004	25 SONE (67% sound reduction)	on Fastec 24 SONE (69% sound reduction) 37 SONE (52% sound reduction)
Dimensional stability	EN ISO 23999	< 0,15 %	< 0,15 %
Residential warranty		25 y	25 y
Commercial warranty		10 y	10 y
Formaldehyde	EN ISO 717-1	E1	E1
Lock strength	EN ISO 10582	\	> 5 kN/m



SPIRIT XL 55  
GLUEDOWN



SPIRIT XL 55  
CLICK COMFORT

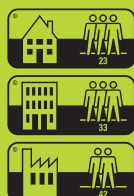
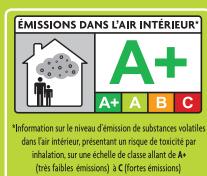


# spirit.

# xl

## Underlay

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



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GLUEDOWN



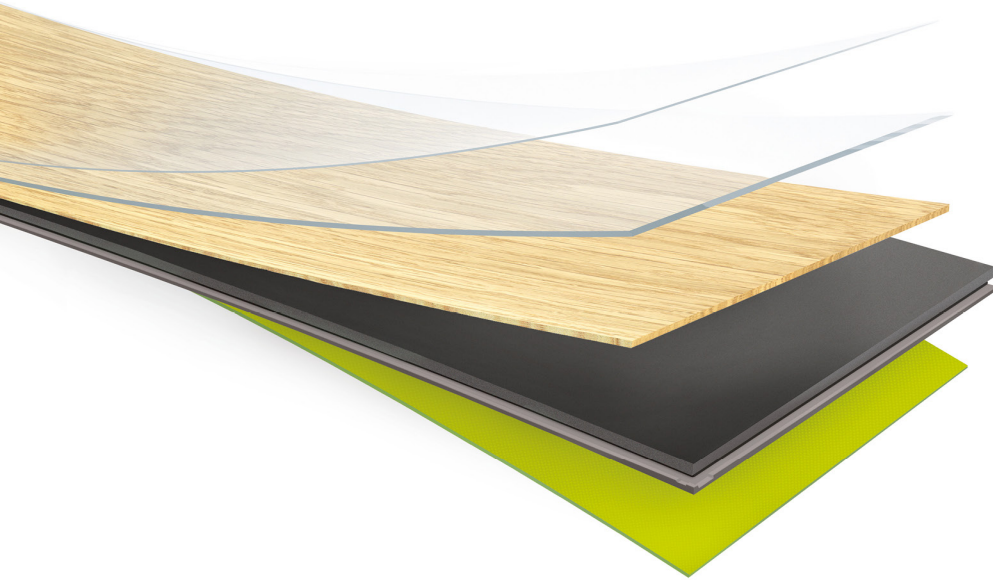
SPIRIT XL 55  
CLICK COMFORT



# XL

# spirit.

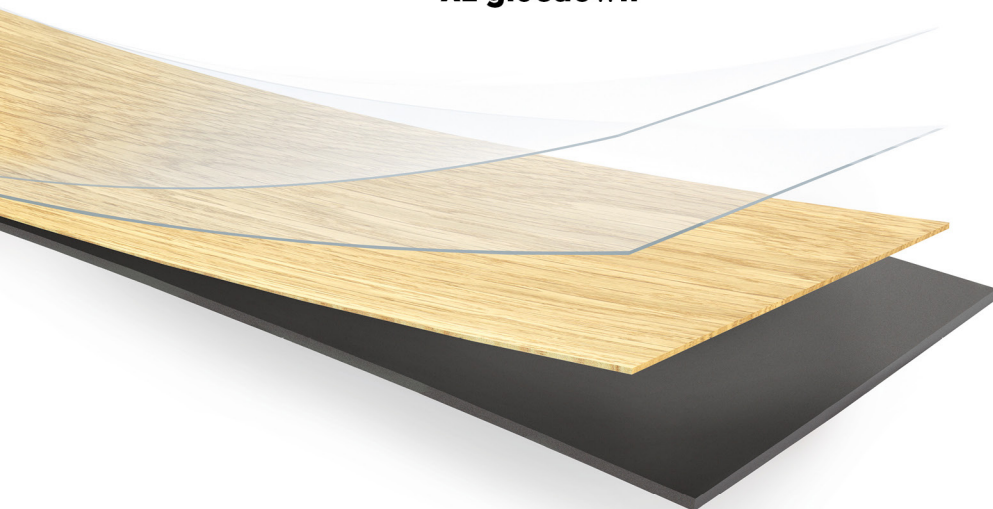
## spirit. XL click comfort



- 1 Protective PU lacquer
- 2 Wear layer 0,55 mm
- 3 Decorative printfilm
- 4 Rigid board
- 5 Integrated underfloor (1 mm)

Total thickness: 4.5+1 mm

## spirit. XL gluedown



- 1 Protective PU lacquer
- 2 Wear layer 0.55 mm
- 3 Decorative printfilm
- 4 PVC backing layer

Total thickness: 2,5 mm