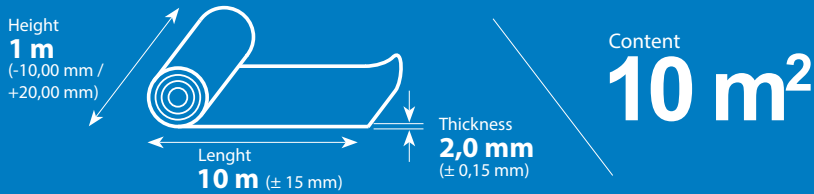


# PE FORCE<sup>100</sup>ALU+

PE FORCE 100ALU+ is permanently elastic underlay made of high density polyethylene foam with 20 µm aluminium biaxially oriented polypropylene foil layer with 60 mm overlap and 10 mm adhesive strip.



	Material	<b>High density polyethylene</b>	Norm
	RWS Reflected walking sound	<b>16%</b>	EPLF WD 021029-5
	IS Impact sound reduction	<b>20 dB</b>	DIN EN 10140
	R Thermal resistance	<b>0,04 m<sup>2</sup> K/W</b>	EN 12664
	SD Protection against moisture	<b>SD 200</b>	DIN EN 12086
	CS Compressive strength	<b>75 kPa</b>	DIN EN 826
	CC Compressive creep	<b>20 kPa</b>	DIN EN 1606
	DL Dynamic load	<b>&gt;100.000 cycles</b>	DIN EN 13793
	RLB Resistance to large ball	<b>1.200 mm</b>	DIN EN 13329
	PC Punctual conformability	<b>1,20 mm</b>	CEN TS 16354
	RTC Reaction to fire	<b>E<sub>fl</sub></b>	DIN EN13501-1

#### Application:

Moisture protection underlay designed specifically for the floating installation under laminate and parquet floors.

#### Properties

Impact sound insulating, walking sound absorbing, high load capacity. FREE from plasticizers, asbestos, formaldehyde, halogens and heavy metals. It complies with French afsset A+ guidelines on VOC 's.

#### Chemical resistance:

Water, most domestic cleaners, solutions of salt, acids, bases, partly durable against organic solvents and hydrocarbons.

#### Storage:

Do not store the underlay outdoors, protect it from exposure of sunlight. Despite degassing during storage in our warehouse the foam can still contain a certain amount of the foaming agent Isobutane, which can build together with atmospheric oxygen a highly inflammable mixture of gas. During storage ensure good ventilation, especially at ground level. Avoid electrostatic discharge. Keep away from ignition source. No open flames, no smoking!

#### Installation:

Easy cutting using an utility or craft knife. Lay the foam side down as well as the pet alu-foil side up towards the surface covering. Join the subfloor surfaces with the sealing adhesive strip.



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