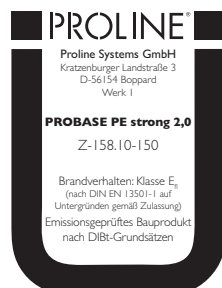


# PROBASE PE strong 2.0

Item no. 93630

**Underlay material for the floating installation of laminate, parquet and design/vinyl flooring with HDF carrier**



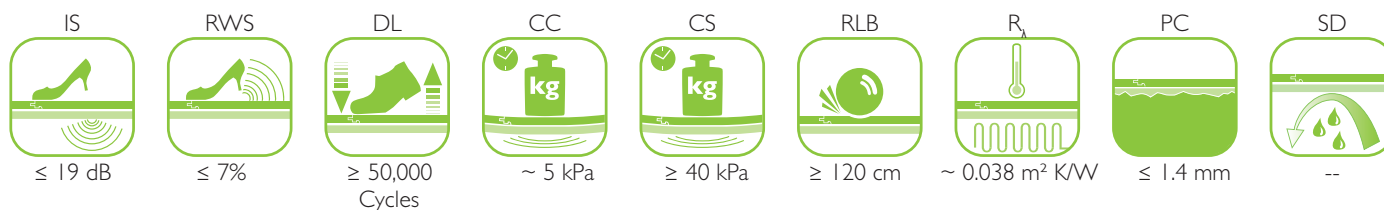
## Product description:

Underlay material made of non-cross-linked polyethylene foam for reducing walking noise and impact sound. Also used for higher requirements, particularly suited for underfloor heating.

## Product advantages:

- Compensation for unevenness
- Reduces impact and walking sound
- Water-resistant, moisture-resistant with fine pores and sealed cells
- Recyclable

## Performance data:



Description	Parameters	Values	Unit	Standard
Reduction in impact sound	IS	≤ 19	dB	DIN EN ISO 140-8
Reduction in walking noise	RWS	≤ 7	%	Internal
Dynamic compressive resistance	DL <sub>25</sub>	≥ 50,000	Cycles	EN 13793
Continuous compressive resistance	CC	~ 5	kPa	EN 1606
Temporary compressive resistance	CS	≥ 40	kPa	EN 826
Protection from falling objects	RLB	≥ 120 cm.	mm	EN 13329 Annex F and EN 438 Chap. 21
Heat transfer resistance / Suitable for underfloor heating*	R <sub>λ</sub>	~ 0.038	m² K/W	DIN ISO 8302 at 10 °C
Protection against unevenness	PC	≤ 1.4	mm	CEN TS 16354
Protection against moisture	SD	--	m	

\* Data on all system components (heating system, underlay, floor covering or the like) are necessary in order to determine the actual suitability for use in an under-floor heating system. According to recommendation of the BVF, the overall floor structure is not to exceed 0.15 m² K/W.

**Meets the minimum requirements of the Association of European Producers of Laminate Flooring (EPLF e.V.) for underlay materials under laminate floorings. In practice, the listed requirements are also used for floating installation of multi-layer parquet. Meets the minimum requirements of the Multilayer Modular Flooring Association (MMFA e.V.) for underlay materials under floor coverings with HDF carrier (Class I).**

# PROBASE PE strong 2.0

Item no. 93630

## Field of application:

Multi-layer parquet (in accordance with EN 13489, floating installation possible)	Yes
Laminate floorings (in accordance with EN 13329, 15468, 14978)	Yes
MMFA Class I floor coverings (e.g. vinyl, cork floorings with HDF carrier starting at 6 mm thickness)	Yes
MMFA Class 2/3 floor coverings (e.g. LVT, vinyl, design floorings with plastic carrier starting at 4 mm thickness)	No

## Specifications:

Material	Extruded polyethylene high-density foam with high standard density		
		Tolerance	Standard
Length	12.5 m	+ 5% / -0%	
Width	1 m	+ 2.5% / -1%	
Thickness	2 mm	+/-10%	
Fire rating	E <sub>fl</sub>		EN 13501-I
Delivery form	Roll: Size: 12.5 m x 1 m, Item no.: 93630		

## Storage and transportation:

Store and transport cool and dry, in well-ventilated space, free of superimposed loads, protected from direct sunlight and contamination.

Ideally stored upright.

The storage period under these conditions is 24 months.

## Environmental protection and disposal:

Recycling	100% recyclable
Disposal	In common household quantities in household waste
Waste code (EAK No.)	170604

## Supplementary products:

PROBASE Aqua-Stop PE membranes  
PROBASE aluminium/PET joint sealing tape

## Preparation/assessment of substrate:

Substrate must be level, smooth, clean, dry and resistant to bending and pressure in accordance with DIN 18365.

The substrate to be covered must not contain any materials such as softeners, solvents or other diffusing materials.

Unevenness and non-sealed surfaces must be properly treated e.g. by smoothing or levelling to make them even and ready for covering.

## Laying/working:

Clean the substrate thoroughly with a broom or vacuum cleaner to get rid of any loose dirt particles that may be present.

To protect against rising moisture, lay out a layer of PROBASE Aqua Stop PE membrane over the entire surface, pulled up 5 cm on walls and installation parts,

and mask off any overlapping zones (at least 10 cm) to create a vapour barrier using PROBASE aluminium/PET joint sealing tape.

Lay out the insulation underlay flush and butted tight to the wall. If necessary, attach individual strips with short pieces of adhesive tape in the joint area to prevent them from slipping.

It is preferable to lay out the underlay material at a 90° angle to the subsequent installation direction

Lay the floor coverings over the completely laid out insulation underlay according to manufacturer specifications.

# PROBASE PE strong 2.0

Item no. 93630

## Important information:

Despite prior disposal, the PE foam may contain residual trace amounts of the propellant isobutane. Isobutane is a combustible gas and can combine with oxygen in the air to form an explosive gas mixture.

- Ensure sufficient ventilation of storage rooms, especially near the floor.
- Prevent the build up of electrostatic charges, no smoking, no open flame!
- The substrates or substrate designs must match the household moisture level. Residual moisture content must not exceed the CM% information found in relevant rules and regulations.
- The information regarding impact and walking noise reduction has been checked in accordance with the described standard designs. The individual construction method, the construction products used and the layout of these products may result in varying values at the installation site.

*All information, references, instructions, basic engineering principles, regulations, standards and expertise are based on German and largely equivalent European regulations and training standards, irrespective of additional country-specific supplements and amendments.*

*All our specifications are based on our experience and careful analysis. We are unable to examine or influence the diversity of associated materials used and the various construction site and processing conditions in detail. Fulfilment of an imposed work order and verifiable functionality of the object therefore depends on the observation of current VOB rules and the recognised rules of technology.*

*Our details do not absolve the accountable planner's and fitter's obligation to assess - on their own authority - the building conditions and practicability of the products. In case of doubt, carry out your own tests or seek technical application advice. Please refer to the laying and processing guidelines of the floor covering manufacturers or the manufacturers of associated products.*

*All product data sheets previously published are superseded by this product data sheet once published.*

© Proline Systems 2016 – The duplication and distribution of this data sheet by our customers to their customers is permitted, provided that a clear reference is made to our copyright. All other rights reserved.