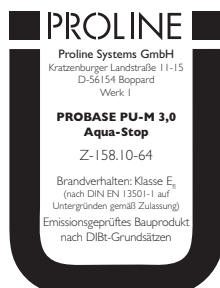


PROBASE PU-M 3.0 Aqua-Stop

Item no. 93616 / 93619 (with/without joint sealing tape)

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



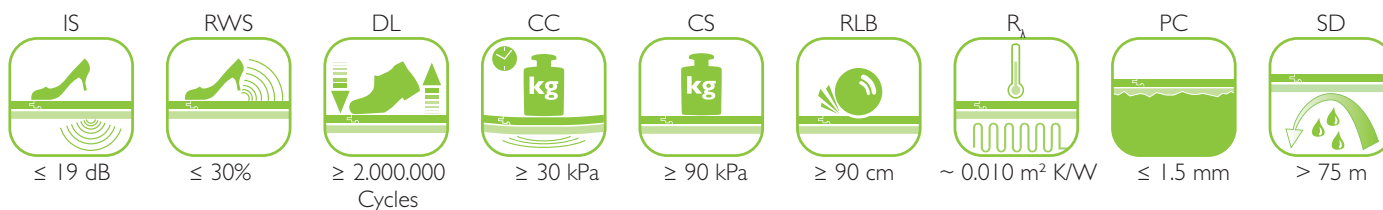
Product description:

Professional high-tech acoustic mat with vapour barrier features good reduction in impact sound and excellent reduction in walking noise. Very good at protecting against loads and ideally suited for underfloor heating.

Product advantages:

- Impact sound reduction with excellent reduction in walking noise and integrated vapour barrier
- High pressure stability
- Ideally suited for underfloor heating
- Compensation for unevenness

Performance data:



Description	Parameters	Values	Unit	Standard
Reduction in impact sound	IS	≤ 19	dB Tolerance +/- 2 dB	DIN EN 16251-1
Reduction in walking noise	RWS	≤ 30	%	Internal
Dynamic compressive resistance	DL ₂₅	≥ 2.000.000	Cycles	CEN TS 16354
Continuous compressive resistance	CC	≥ 30	kPa	CEN TS 16354
Temporary compressive resistance	CS	≥ 90	kPa	CEN TS 16354
Protection from falling objects	RLB	≥ 90	cm	CEN TS 16354
Heat transfer resistance / Suitable for underfloor heating*	R _λ	~ 0.010	m² K/W	CEN TS 16354
Protection against unevenness	PC	≤ 1.5	mm	CEN TS 16354
Protection against moisture	SD	> 75	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 BfV, 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 enhanced requirements of the Multilayer Modular Flooring Association (MMFA e.V.) for underlay materials under floor coverings with HDF carrier (Class I).

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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	PU bonded mineral compound		
		Tolerance	Standard
Length	5.5 m	+/- 15 mm	CEN/TS 16354
Width	1.0 m	+/- 1 mm	CEN/TS 16354
Thickness	3.0 mm	+/- 0.15 mm	CEN/TS 16354
Fire rating	E _{fl}		EN 13501
Delivery form	Rolls: Size: 5.5 m x 1.0 m Item no. 93616 with joint sealing tape Item no. 93619 without joint sealing tape		

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	Can be used for energy
Disposal	In common household quantities in household waste
Compatibility	Ecologically and physiologically safe No special work protection measures required
Waste code (EAK No.)	170604

Supplementary products:

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.

It is preferable to lay out the underlay material at a 90° angle to the subsequent installation direction of the surface layer, with the glossy vapour-barrier side facing up.

Lay out the high-tech acoustic mat flush and butted tight to the wall.

Use PROBASE aluminium/PET joint sealing tape as masking to create a vapour barrier at areas where the strips meet as well as where the strips running along the wall (including those running up to installation parts) are pulled up a higher surface. (Half on the underlay material and half on the wall.)

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

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Important information:

- 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.
- Installation on ceramic tile, linoleum or wood flooring is possible only in limited capacity, as it may lead to traces in the substrate. Please make sure to pay attention to the specifications from the flooring manufacturer.

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.

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