

▶ **EVERYTHING YOU NEED TO KNOW ABOUT FOAM FOILS:**

Under the laminated and laid parquets with modern click-joint an underlay foam foil should be installed.

MAIN FUNCTIONS OF THE PARQUET UNDERLAY FOAM FOILS:

To provide durable protection and flexible support to the most fragile part of the parquet, the click-joint, due to their high loading capacity.

To balance the smaller unevenness of the subfloor, rand to reduce the knocking sound effect as an anti-vibration layer.

It is an important requirement of the coaster foils to be properly hard but maintain their flexibility in long terms.

WHY ARE HIGHER PERFORMING UNDERLAY FOAMS NECESSARY?

From the available product offer, the cheap EPE foam basic version and the inflexible XPS materials are not able to protect the parquet’s joints in long terms. Due to the continuous load, the joint breaks that results in the slip of parquets, causing lots of headache and extra costs.

If you wish to avoid this and have a parquet that serves over 20 years perfectly in its original aesthetics, you should choose a permanently flexible underlay that provides sufficient bearing force that meets the requirements of the use and load of the given place.

▶ With ISOFOAM PREMIUM range, you can hedge the bet and install the work yourself. Lasting quality without compromise!

	LF PREMIUM 75 ALU PLUS	LF PREMIUM 75 LD PLUS	IF PREMIUM 100
Density	2 mm	2 mm	2 mm
Length of roll	12,5 m	12,5 m	12,5 m
Width of roll	100 cm + 6 cm ALU	100 cm + 6 cm LD	100 cm
Density	75 kg/m³ + 20 µ ALU	75 kg/m³ + 100 µ LD	100 kg/m³
Loading capacity	6 tons/m²	6 tons/m²	7,5 tons/m²
Resistance to dynamic loads	≥50.000 cycle	≥50.000 cycle	≥100.000 cycle
Knocking sound - Hindrance	19 dB	19 dB	20 dB
Step sound - Hindrance	17%	18%	16%
To household and community buildings with medium load	✓	✓	✓
To household and community buildings with high load			✓
Laminated with a steam controlled, smooth LDPE layer		✓	
Laminated with ALU layer	✓		
Can be used with underfloor heating	✓*	✓	✓

* Note! If you have infra heating foil, ALU laminated underlay foam must not be used between the thermal foil an the parquet as it significantly restrains the radiated infra heat.

Tip: Before choosing the appropriate underlay foam, the type, measurement and frequency of the load pressuring the parquet should be considered.

FURTHER PRODUCT INFORMATION:

www.masterfoam.hu
www.masterplast.hu

Manufactured by: Masterfoam Kft.
Distributed by: Masterplast Hungária Kft.

Masterfoam Kft. is part of Masterplast Group, the biggest Hungarian construction material manufacturer in the Eastern Central European market, whose history dates back to more than 20 years.

Our bespoke products have proved their efficiency in more than 40 countries.
Do not settle for less, do not settle for replica! Choose original, choose quality, choose safety!

WE ARE HAPPY TO HELP!

Ask help from our specialist retailers, regional representatives, technical experts for the proprieate selection:

szakerto@masterplast.hu
www.masterplast.hu/regionalis-ertekesites

Your specialist retailer:

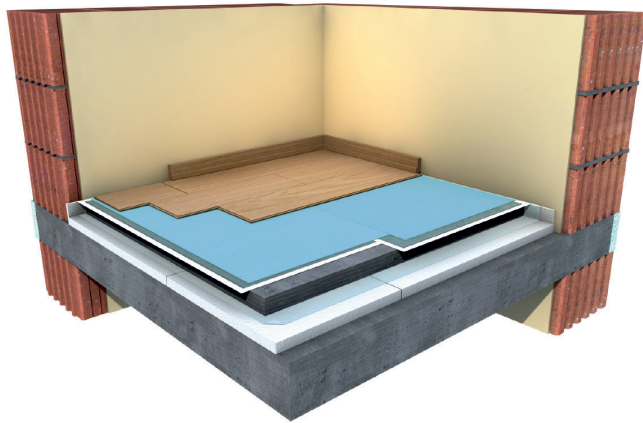


PREMIUM PARQUET UNDERLAY FOAM FOILS



SIMPLY DURABLE

INSTALLATION MANUAL



The appropriately prepared plain and smooth subfloor must be cleaned, the spackling and other splashes of paint shall be scraped up, and the overall subfloor should be hoovered.

The foam foil rolls should be installed in tight joints. The foam foil can and must not be overlapped.

If a coaster foil associated with LDPE or ALU foil, the part disposed with self-adhesive ribbon should be overlapped and adhered.

If there is no lamination, steam close and sliding parting foil should be installed between foam foil and parquet.

WE HELP TO INTERPRET THE MOST IMPORTANT PRODUCT PROPERTIES



The higher the value, the better.
The lower the value, the better.



Density



Loading capacity - on 1 m² equivalent basis in ton



Number of the resistance cycles against dynamic loads



Knocking sound - indicating with how much decibel can reduce the noise load spreading downwards



Thermal resistance



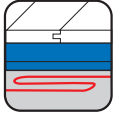
Steam close capacity - indicating how resilient it is to the steam load coming from downwards



The balancing capability of the underlying surface in millimeter



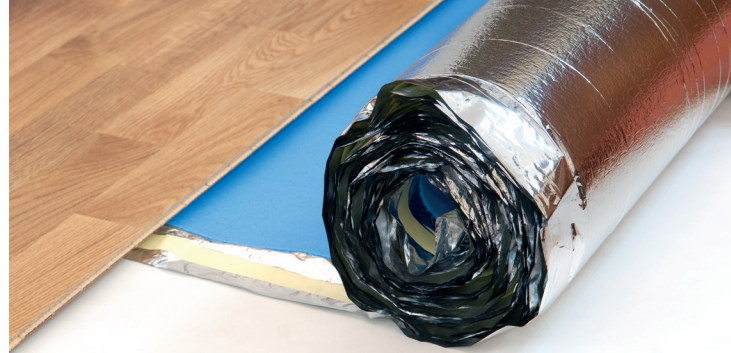
Step sound hindrance - indicating the level of the reduction of the noise load in the room emerging from walking



Can be used with underfloor heating



Use of class
tick = recommendation
person = traffic
house = type of building
31 = number- load

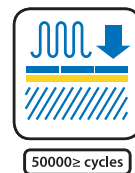


75 kg/m³



6 t/m²

ISOFOAM
LF PREMIUM
75 ALU PLUS



50000≥ cycles



ΔLw=19 dB

Underlay foam foil with high loading and great soundproofing capacity, disposed with steam control layer.



17%



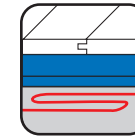
R=0,048 m²K/W



Sd=80 m



1 mm/0,1 m



*(must not be used with infra thermal foil)

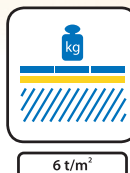
Disposed with adhesive tape!

Easy, fast and precise installation even without professional help.

Tip: The reduction knocking sound emerging from walking, as well as the ceiling's soundproofing capacity could be improved by a high quality underlay foil.

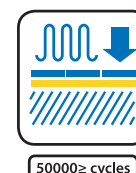


75 kg/m³



6 t/m²

ISOFOAM
LF PREMIUM
75 LD PLUS



50000≥ cycles

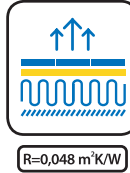


ΔLw=19 dB

Underlay foam foil with high loading and great soundproofing capacity, disposed with steam control layer.



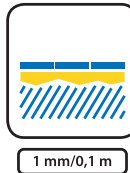
18%



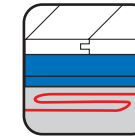
R=0,048 m²K/W



Sd=120 m



1 mm/0,1 m



Disposed with adhesive tape!

Easy, fast and precise installation even without professional help.

Tip: If you want to hedge your bets, install the parquet on self-leveled, appropriately prepared, plan surface.

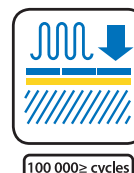


100 kg/m³



7,5 t/m²

ISOFOAM
IF PREMIUM
100



100 000≥ cycles

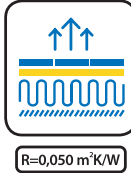


ΔLw=20 dB

Underlay foam foil with extra high loading and great soundproof capacity.



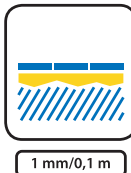
16%



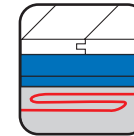
R=0,050 m²K/W



Sd=20 m



1 mm/0,1 m



Tip: Compare the manufacturer's instruction found on the package of the chosen parquet with the data of the underlay foil.