

Arbiton
FLOOR EXPERT



ACCORDING
TO NORM
EN16354

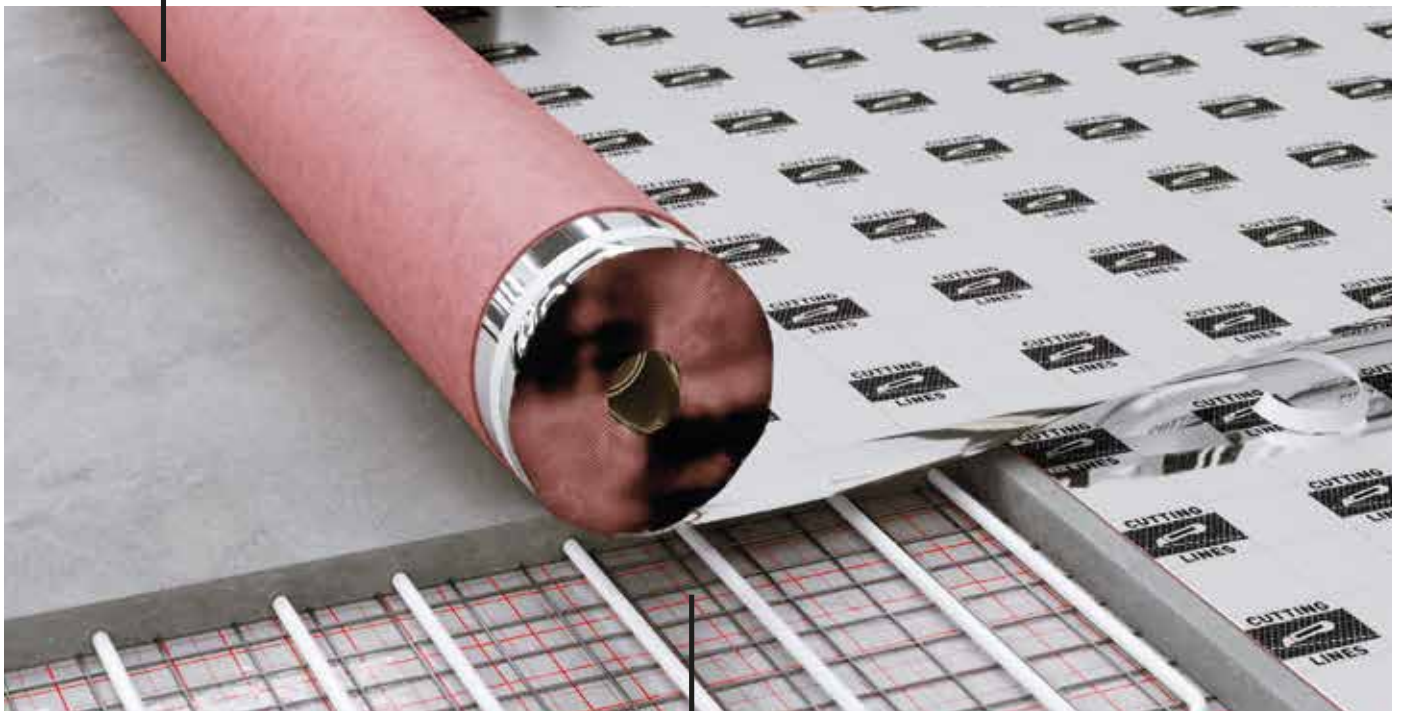
UNDERLAYS

www.arbiton.com

MORE THAN... JUST UNDERLAYS

Innovation, quality and know-how. Since 1994 we've been investing in knowledge, technology and our machinery park.

We aim to become market LEADER wherever we are present. We are pushing forward and strive for more to deliver accessories perfectly matched to the products.



WE TRY HARDER, WE ARE THE FLOOR EXPERT

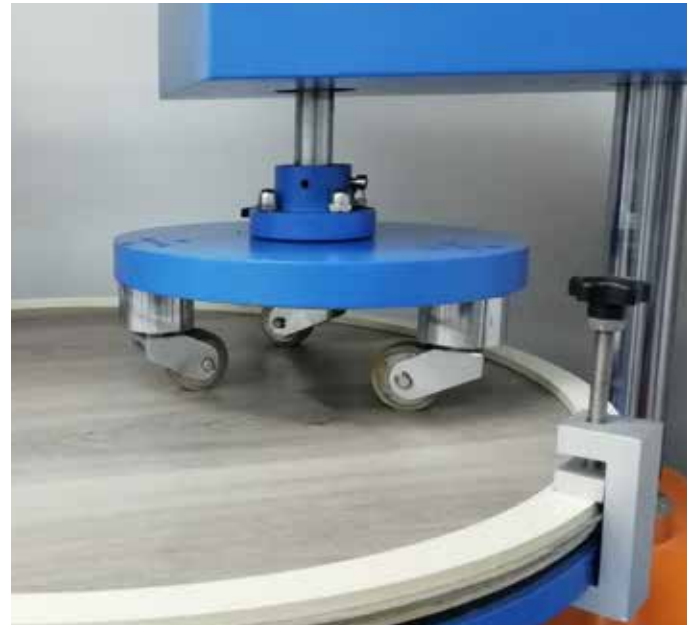


DESIGN

Every year A.DESIGN STUDIO analyzes trends, changes in consumer preferences and hundreds of new floor colors. That's why we can create customer orientated solutions and stay relevant.

TECHNOLOGY

Our inhouse laboratory is testing hundreds of floors from all major manufacturers to improve our accessories and create functional floor system. That's why, we know the strongest and weakest points of all types of floors. We are also testing our underlays to deliver top quality solutions for different floor types.



MANUFACTURE

We are an European leader for production of floor accessories. Our technological development allows us to offer great portfolio of products in various technologies.

ARBITON UNDERLAYS MEET REQUIREMENTS OF EU NORM EN16354

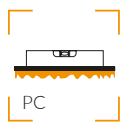
ACCORDING
TO NORM
EN16354

As the market leaders and forward thinkers we strongly emphasise development of our products. That is why we are the first manufacturer in Central Europe with all products in portfolio that have achieved EN16354 norm requirements.


Since April 2019 each underlay needs to fulfil particular conditions of EN16354 European norm. This regulation describes principal parameters for underlayment and for the first time, set the methodology of measuring performance, clarify evaluation of product between manufacturers and unify comparison. Now manufacturers are obligated to inform about six basic parameters of the product.

Among these parameters, three of them are applying to durability of the floor.

Norm refers to:

 **PUNCTUAL CONFORMABILITY (PC)**
Is an ability of the underlay to absorb small defects of subfloor.

 **COMPRESSIVE STRENGTH (CS)**
It helps to ensure integrity of the flooring system.

 **DYNAMIC LOAD (DL)**
Aim to secure sufficient resistance against long term changeable load (f.e. by walking people, sitting and rolling on a castor chair etc).

HIGHEST QUALITY OF OUR PRODUCTS COMES FROM MANY YEARS OF RESEARCH, DEVELOPMENT AND EXPERIENCE AS THE MANUFACTURER





RESEARCH FACILITIES HELP US DEVELOP COMPLEX SOLUTIONS IN FLOORING

BEING A MARKET LEADER MEANS CONSTANT CHALLENGES FROM COMPETITION AND THAT IS THE REASON WE TRY HARDER AND CONSTANTLY PUSH TOWARDS BETTER SOLUTIONS.

OUR INHOUSE LABORATORY IS ENORMOUS ASSET WHICH BRINGS CRUCIAL DATA FOR REENGINEERING OUR PRODUCTS AND SET THE TRENDS IN FLOORING.

WE ARE THE FIRST MANUFACTURER OFFERING PROFESSIONAL 3IN1 SOLUTIONS IN EACH SEGMENT FROM XPS, HDPE AND PUM COMBINING UNDERLAYMENT, DAMP PROOF MEMBRANE AND TAPE IN ONE PRODUCT.

OUR R&D AND QUALITY CONTROL DEPARTMENTS NOT ONLY CONSTANTLY MONITOR INGREDIENTS AND FINISHED PRODUCTS BUT ALSO REDESIGN INTERNAL PROCESSES TO INCREASE WORK EFFICIENCY.

OUR GREATEST ASSETS ARE QUALIFIED AND MOTIVATED EMPLOYEES, ORGANIZATION OF WORK THAT CREATES ROOM FOR FLEXIBILITY IN DYNAMIC ENVIRONMENT OF CONDUCTING NUMBERS OF TESTS ON A DAILY BASIS. OUR LABORATORY IS EQUIPPED WITH MODERN MEASURING AND CONTROL APPARATUS, WHICH LEADS TO FAST AND PRECISE RESULTS.

WHY ARBITON?

OUR SOLUTIONS

INNOVATIVE FEATURES OF POLYURETHANE WITH MINERAL PRODUCTS FOR LAMINATE AND VINYL CLICK FLOORING



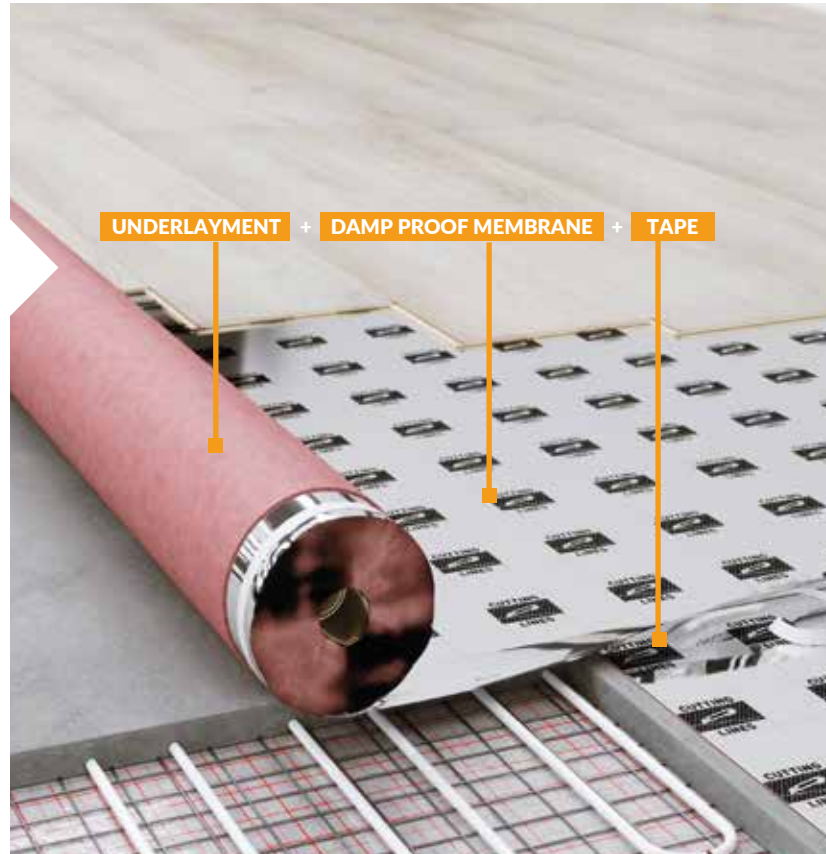
3IN1
Unique system that offers quicker installation and saves time



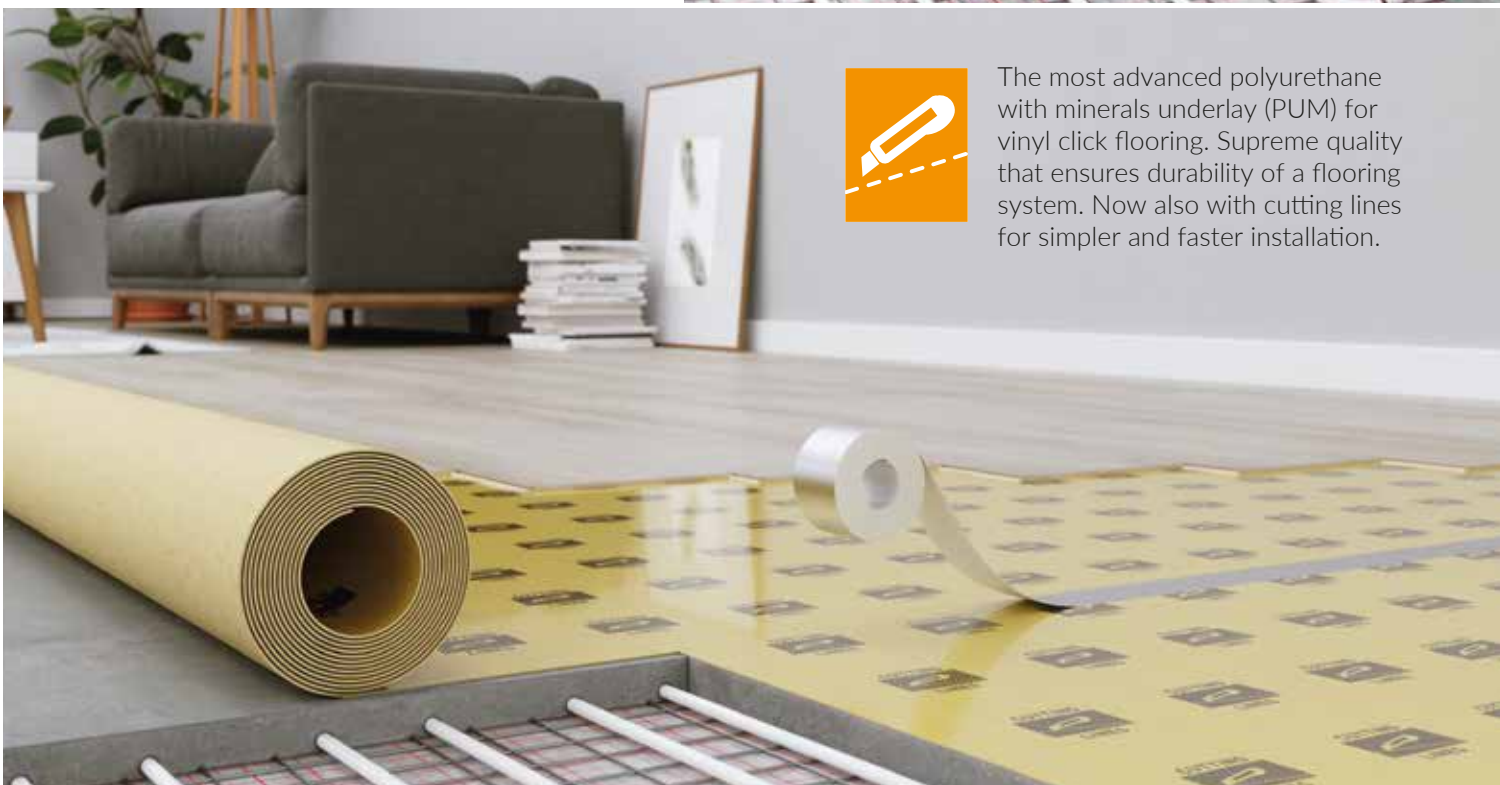
ROLL
Quicker assembly possible with simple unfolding of the roll



FLEECE
For better adhesion to the subfloor and comfortable smooth installation (non-woven fabric)



The most advanced polyurethane with minerals underlay (PUM) for vinyl click flooring. Supreme quality that ensures durability of a flooring system. Now also with cutting lines for simpler and faster installation.



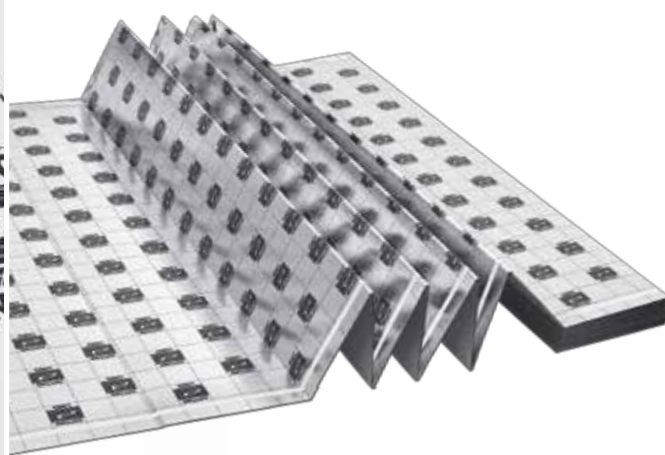


★★★★★
BEST CHOICE FOR DIY



ACCORDION FORM OF XPS GIVES YOU:

- > easier and quicker installation thanks to 3IN1
- > fulfilment of requirement from EN16354
- > precise cutting with printed guiding lines
- > simple and easy to merchandise logistic concept for DIY



3IN1

- UNDERLAY
- FOIL
- TAPE



flex
TECHNOLOGY



TECHNOLOGY OF XPS USED FOR SECURA FLEX

FLEX Technology stands for more flexible XPS which leads to more comfortable installation. This technology prevents cracking, crushing and breaking while fitting the underlay.

Our FLEX Technology products have great parameters certified with EN16354 norm and are the best solution instead of PE foam which is not passing DL test required by norm and cannot be named as underlay.

WHY ARBITON?

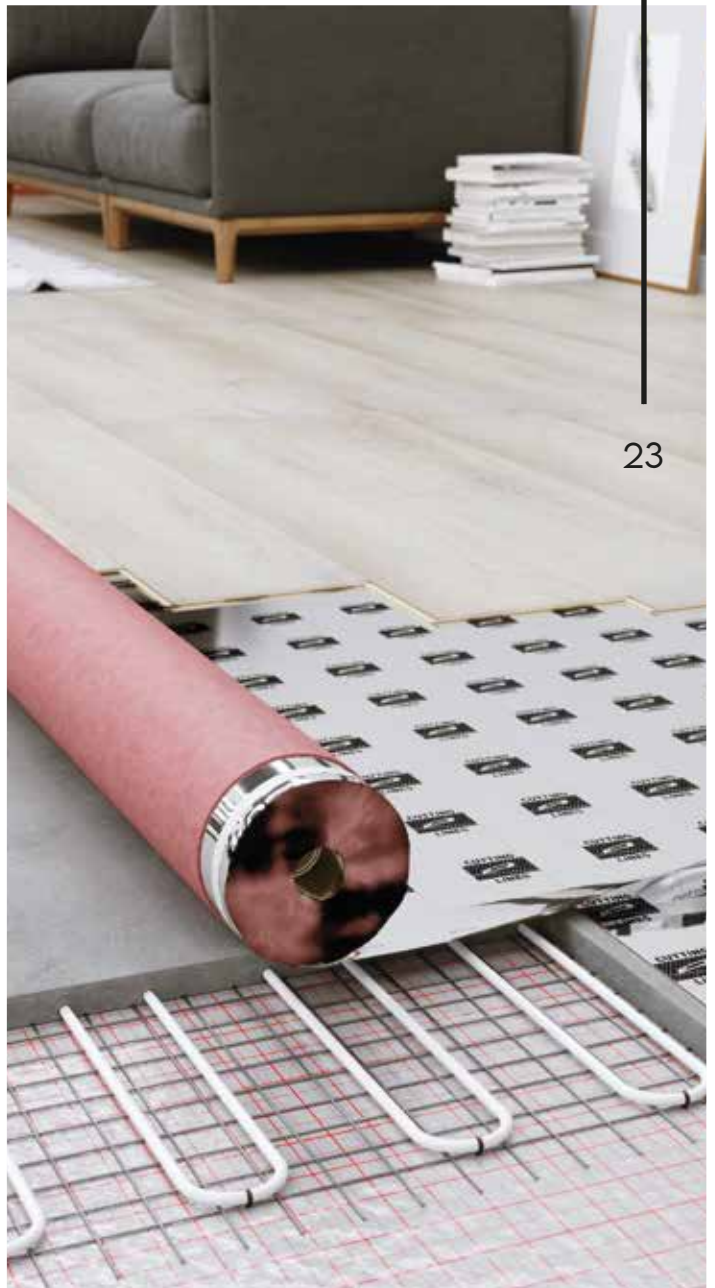
CHECK OUR BESTSELLERS

SECURA EXTRA AQUASTOP SMART



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MULTIPROTEC 1000 3IN1



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MULTIPROTEC VINYL CLICK

FLOATING FLOOR FOR LAMINATE & ENGINEERED WOOD

22 | MULTIPROTEC FAMILY

MULTIPROTEC ABSOLUTE 3IN1
MULTIPROTEC ACOUSTIC 3IN1
MULTIPROTEC 1000 3IN1

24 | OPTIMA FAMILY

OPTIMA EXPERT AQUASTOP
OPTIMA THERMO AQUASTOP
OPTIMA AQUASTOP
OPTIMA MAX

26 | SECURA SMART FAMILY

SECURA THERMO AQUASTOP SMART **NEW**
SECURA AQUASTOP SMART
SECURA EXTRA AQUASTOP SMART
SECURA MAX AQUASTOP SMART
SECURA MAX SMART **NEW**

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SECURA AQUASTOP FLEX
SECURA FLEX
SECURA LIGHT AQUASTOP FLEX
SECURA LIGHT FLEX
SECURA THERMO

FLOATING FLOOR FOR ENGINEERED & SOLID WOOD

32 | MULTIPROTEC ECO

VINYL FLOORS

40 | MULTIPROTEC VINYL FAMILY

MULTIPROTEC VINYL CLICK
MULTIPROTEC VINYL CLICK HARDLAY
MULTIPROTEC VINYL CLICK ANTISLIP

42 | SECURA VINYL FAMILY

SECURA VINYL CLICK
SECURA VINYL CLICK BLACK
SECURA VINYL CLICK ANTISLIP

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10 | CHOOSE THE RIGHT UNDERLAY FOR YOUR NEEDS

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CHOOSE THE RIGHT UNDERLAY

We have got all of your needs covered with our house concept

FLOOR HEATING

Do you fit the floor with underfloor heating system?

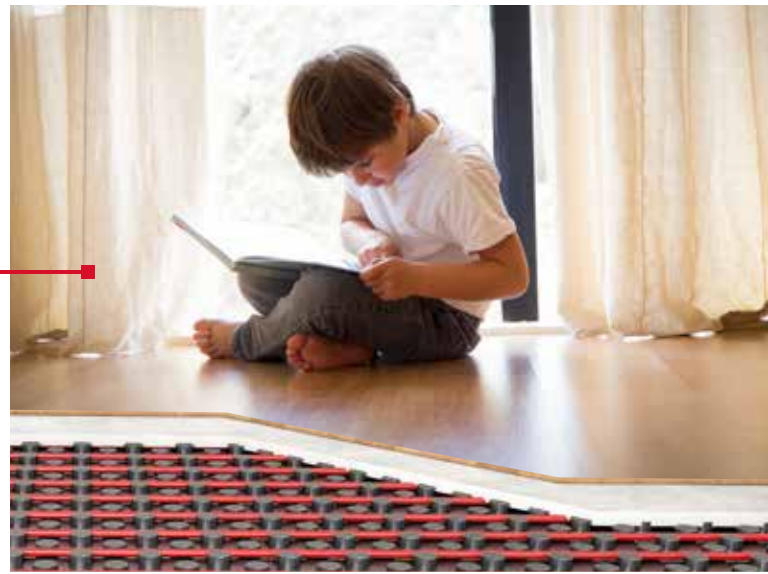
Look for products with the following icon



THERMAL COMFORT

Do you need to insulate the room from the colder area underneath?

Look for products with the following icon



ACOUSTIC COMFORT

Do you want to improve acoustic comfort?

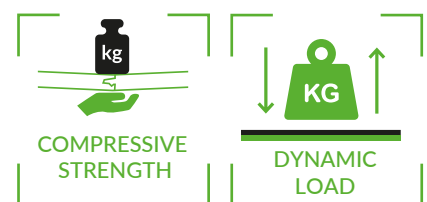
Look for products with the following icons



FLOOR DURABILITY

Do you fit the floor in high traffic area?

Look for products with the following icons



FLOOR FOUNDATION

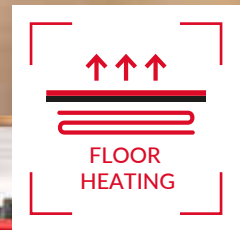


It is crucial for the floor from durability perspective to be fitted on a solid foundation - correct underlay. The better quality of the underlay the more durable floor system. Underlay is a connecting element between substrate and floor, that is why it should support following functions:

- > enable correct assembly
- > ensure the floor durability for many years
- > enhance usability properties of the floor system

REMEMBER!

MANUFACTURERS PROVIDE WARRANTY FOR THE FLOOR ONLY IF INSTALLED WITH APPROPRIATE UNDERLAY



FLOOR HEATING

THE CHOICE REGARDING WHICH FLOOR TYPE WILL BE USED IS DONE AT THE VERY BEGINNING WHEN PLANNING AN INVESTMENT. THE THERMAL RESISTANCE IS THE FACTOR THAT SHOULD BE TAKEN INTO CONSIDERATION. CORRECTLY SELECTED UNDERLAY WILL REDUCE RESISTANCE OF THE SYSTEM AND ALLOW FOR WARM AIR TO PASS INTO THE AREA EASIER.

The thermal resistance of a flooring system (floor covering + underlay) should not exceed 0,15 m²K/W in accordance with DIN EN1264.

The lower the thermal resistance of the flooring, the higher the efficiency of the underfloor heating. To determine the thermal resistance of a flooring system, simply add the thermal resistance values of the floor covering and the underlay.

For example, laminate flooring of 8 mm thickness has a thermal resistance of ~0,08 m²K/W. With this type of flooring, you should use an underlay with minimal thermal resistance. Arbiton offers such solutions.

Multiprotec 1000 3IN1 is the best underlay for underfloor heating, with a thermal resistance of only 0,006 m²K/W. This parameter is a result of its density and mineral structure, which conducts heat very well.

It drastically reduces energy consumption compared to other products. Efficient underfloor heating guarantees enormous savings.



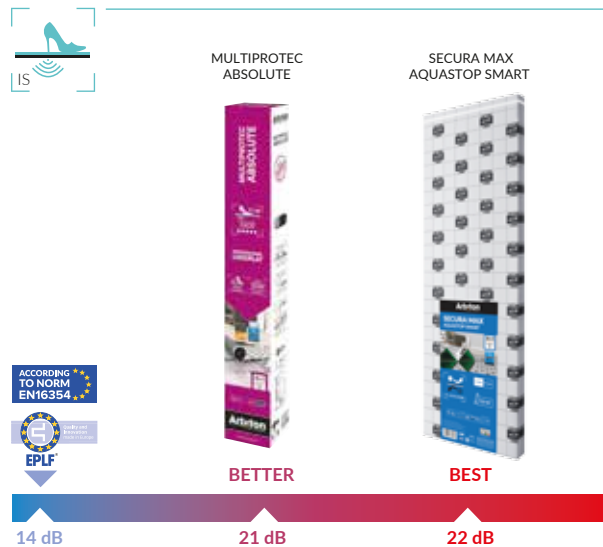


ACOUSTIC COMFORT

WHILE WE CANNOT COMPLETELY ELIMINATE FLOOR NOISES, THEY CAN BE REDUCED SIGNIFICANTLY WITH A SUITABLE UNDERLAY. REDUCTIONS IN SOUND ARE SPECIFIED AS A PERCENTAGE (%) FOR REFLECTED WALKING NOISES (RWS) AND IN DECIBELS (DB) FOR IMPACT SOUNDS (IS).

What does this actually mean?

Well, a noise reduction of 10 dB corresponds to 50% soundproofing to the human ear. The best underlays on the market have an RWS of nearly 30% and an IS of more than 20 dB. Standard PE foam or ecological boards seem to be less useful in this area, as they have hardly any effect on noise reduction.





THERMAL COMFORT

THE HIGHER THE R VALUE, THE BETTER THE FLOORING SYSTEM WILL BE SUITED FOR USE ON AN UNINSULATED SUBFLOOR.

Do you need to INSULATE YOUR ROOM FROM THE COLD area underneath?

In case of installation on uninsulated subfloors on the ground floor, in a basement or above unheated areas like garages, increased comfort can be achieved with good thermal insulation of the floor covering.

This can help provide higher floor temperatures and more comfort when walking barefoot.



SECURA EXTRA
AQUASTOP SMART

SECURA MAX
AQUASTOP SMART



ACCORDING TO NORM EN16354



BETTER

BEST

0,075 m²K/W

0,11 m²K/W

0,18 m²K/W



FLOOR DURABILITY

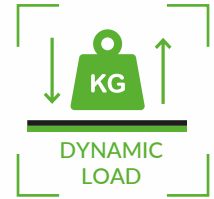
WILL THE FLOOR BE USED IN A HIGH-TRAFFIC ROOM?

If so, use an underlay with the highest compressive strength parameter (kPa). The higher the CS value the better underlayment will protect the locking system and counteract the deformation and opening-up of any cracks. EPLF recommends that the CS value must be at least 60 kPa.

In our laboratories we conduct series of tests. One of them is castor chair test. Arbiton underlays significantly improve durability of the floor covering and contribute to reach higher number of cycles and in some cases let the floor pass 25 000 cycles mark.



UNDERLAY IS NOT AN ADDITIONAL EQUIPMENT BUT INTEGRAL PART OF THE FLOOR SYSTEM. PROPERLY SELECTED UNDERLAY ENHANCES DURABILITY OF THE FLOOR FOR MANY YEARS.



Parameter which in very visual way describes durability of the floor is dynamic load (DL). DL ensures sufficient resistance of the underlay against long-term dynamic loads caused by walking people or sitting and rolling on a castor chair.

The higher value of DL parameter the better and more time you will have a perfect floor- this means that more cycles can be applied to the underlay that result in contractions of material.

THE EN16354 NORM INTRODUCED THREE CLASSES OF RESISTANCE – THE LOWEST IS DL1 AND THE HIGHEST DL3. MINIMAL REQUIREMENT TO QUALIFY PRODUCT AS AN UNDERLAY IS 10 000 CYCLES.

THE MOST POPULAR PRODUCT IN DIY STORES - PE FOAM, DOES NOT ACHIEVE 10 000 CYCLES HENCE CANNOT BE NAMED AS UNDERLAY.*

*Refers to PE product with density below 30 kg/m³



OPTIMA EXPERT
AQUASTOP

MULTIPROTEC
1000



BETTER

BEST



>10 000 cycles

>100 000 cycles

>250 000 cycles

WHY DO LAMINATE FLOOR NEED TO BE FITTED ON THE UNDERLAY?

A FLOOR SYSTEM IS ONLY AT ITS BEST IF THE UNDERLAY AND FLOOR PERFORM OPTIMALLY TOGETHER.

GOOD QUALITY UNDERLAY:

- > PROTECT THE FLOOR PERMANENTLY
- > IMPROVE THE PROPERTIES OF THE FLOOR
- > ENSURE SMOOTH INSTALLATION

THE RIGHT UNDERLAY FOR LAMINATE FLOORS WILL PROVIDE:

- > FLOOR DURABILITY
- > LOCKS PROTECTION
- > ACOUSTIC COMFORT
- > THERMAL INSULATION AND COMFORT

ARBITON UNDERLAYS FULFIL EN16354 NORM AND EPLF RECOMMENDATIONS



**ACCORDING
TO NORM
EN16354**

OVERVIEW OF REQUIREMENTS FOR UNDERLAY

	Requirement	KPI	Description	Benefits for users	Minimum value	Recommended value	
EN16354 NORM GUIDELINES	FLOOR DURABILITY	PUNCTUAL CONFORMABILITY		Smoothing small local defects of the subfloor or small particles laying on the subfloor	Preventing from cracking and clicking noise from sound bridges	≥0,5 mm	
		COMPRESSIVE STRENGTH		Compressive strength at deformation	Protection of locking system and against cracking	≥10 kPa	≥60 kPa
		DYNAMIC LOAD		Resistance of the underlay against long-term dynamic load	Resistance to intensive usage	≥10 000 cycles	≥100 000 cycles
		RESISTANCE TO IMPACT BY LARGE BALL		Measure the whole system - laminate + underlay	Protecting from deformation in case of heavy object fall	>500 mm	>1200 mm
	ACOUSTIC COMFORT	IMPACT SOUND REDUCTION		Transferred sound reduction	Sounds Transferred to area below are muffled	≥14dB	≥18dB
		RADIATED WALKING SOUND		Reflected walking sound emitted	Reduction of noises reflected from the floor f.e. steps		
	THERMAL COMFORT	THERMAL BARRIER		Heat insulation*	Short time of warming up or cooling down the emitting floor, saving energy	≥0,075 m ² K/W	
		FLOOR HEATING	THERMAL RESISTANCE		Usefulness for coverings with underfloor heating (H) or cooling (C)*	Less time required for heating up/cooling off; energy savings	H: ≥0,15 C: ≥0,10 m ² K/W
	SUBSTRATE STRUCTURE	WATER VAPOUR RESISTANCE		Protection against residual moisture in substrate	Avoiding damp related damages	≥75 m	

*EN16354 norm and EPLF 08/2013 instruction - Installation of Laminate Floor Coverings

MULTIPROTEC FAMILY



Multiprotec 1000 and Acoustic are now equipped with fleece (non woven fabric)

That means:

- > better sound properties
- > better adherence to the subfloor
- > even easier unfolding

3IN1

- UNDERLAY
- FOIL
- TAPE

MULTIPROTEC 1000 IS OUR MOST POPULAR PRODUCT AMONG PROFESSIONAL FITTERS. ITS ADVANTAGES SUCH AS DURABILITY AND IDEAL APPLICATION TO HEATED FLOOR SYSTEMS, PLACE IT AT THE TOP LEVEL OF UNDERLAY ON THE MARKET. THANKS TO THIS PRODUCT YOU CAN SAVE UP TO 200EUR YEARLY IN COSTS OF FLOOR HEATING.*

- > Highest quality
- > For areas with high traffic – the most durable
- > Ensures comfort - suppress noises and walking sounds
- > Quick assembly – underlay with integrated damp proof membrane Aquastop, foil overlap and tape
- > Produced from mineral materials
- > High class of fire resistance – Bfl-s1

Polyurethane-mineral underlays (PUM)– the highest standard that ensures the best sound-proofing. Furthermore very high pressure resistance ensures floor protection and durability. Very low heat resistance makes the underlay an ideal solution for underfloor heating systems.

Multiprotec Acoustic is dedicated for the people who strongly value acoustic comfort. Thanks to its advanced technology Multiprotec Acoustic allows to 100 times decrease intensity of sound penetrating the floor. We are constantly developing our products to be market leader. That is why our laboratory develop the PUM underlay without compromise.

Multiprotec Absolute ensures highest acoustic parameters among PUM underlays.

*Calculated for 50 m² apartment, temp. 22°C, floor heating (104% efficiency), 6 months period, comparison of Multiprotec 1000 with PE foam



MULTIPROTEC ABSOLUTE 3IN1

Material	PUM/PET
Thickness	3 mm
Form	Roll
	5 m x 1 m / 5 m ²
	40 pcs
	200 m ² / -
	6 600 m ²
	CLASS PC3 (<2,3 mm)
	CLASS CS2 (<100 kPa)
	CLASS DL3 (>250 000 CYCLES)
	CLASS RLB2 (≤1000 mm)
	<21 dB
	<30%
	yes
	< 0,01 m ² K/W
	>150 m

EAN 5905167816868



MULTIPROTEC ACOUSTIC 3IN1

Material	PUM/PET
Thickness	2 mm
Form	Roll
	8 m x 1 m / 8 m ²
	40 pcs
	320 m ² / -
	10 560 m ²
	CLASS PC2 (<1,6 mm)
	CLASS CS3 (<250 kPa)
	CLASS DL3 (>250 000 CYCLES)
	CLASS RLB2 (≤1000 mm)
	<20 dB
	<28%
	yes
	< 0,01 m ² K/W
	>150 m

EAN 5905167816851



MULTIPROTEC 1000 3IN1

Material	PUM/PET
Thickness	1,5 mm
Form	Roll
	8 m x 1 m / 8 m ²
	40 pcs
	320 m ² / -
	10 560 m ²
	CLASS PC2 (<1,2 mm)
	CLASS CS3 (<310 kPa)
	CLASS DL3 (>250 000 CYCLES)
	CLASS RLB2 (≤1000 mm)
	<16 dB
	<22%
	yes
	< 0,006 m ² K/W
	>150 m

EAN 5905167816844

**BEST QUALITY
PRODUCTS
FOR THE MOST
DEMANDING
CLIENTS**



OPTIMA FAMILY



Optimal choice

Underlays from Optima line enhance acoustic comfort – reduce noise, and thanks to low thermal resistance are ideal solution for underfloor heating.

Dedicated product for underfloor heating is **Optima Thermo Aquastop**. This product has very low thermal resistance value. In this product family we also have 3in1 products like **Optima Expert Aquastop** which combines underlay, damp proof membrane and overlap of foil with adhesive tape. Thanks to this you can easily place and join pieces of underlay and create solid moisture barrier.

Underlays from Optima Family offer high quality parameters with attractive pricing.

> Acoustic comfort

– good solution in both muffling reflected and transferred sound.

> Ideal for underfloor heating

thanks to low thermal resistance.

> Quick installation

– easy to unfold roll with integrated AQUASTOP damp proof membrane with overlap and tape.

> Durable and light thanks

to high density polyethylene.

3IN1

- UNDERLAY
- FCL
- TAPE



OPTIMA EXPERT AQUASTOP

Material PEHD/PET

Thickness 2,0 mm

Form Roll

10 m x 1 m/ 10 m²

30 pcs

300 m² / 600 m²19 800 m²CLASS PC2
(<1,3 mm)CLASS CS2
(<70 kPa)CLASS DL2
(>100 000 CYCLES)CLASS RLB3
(≤1300 mm)

<19 dB



<22%



yes

< 0,05 m²K/W

>150 m

EAN 5905167778784

3IN1

- UNDERLAY
- FCL
- TAPE



OPTIMA THERMO AQUASTOP

Material PEHD/PET

Thickness 1,5 mm

Form Roll

10 m x 1 m/ 10 m²

48 pcs

480 m² / 960 m²31 680 m²CLASS PC2
(<1,2 mm)CLASS CS2
(<60 kPa)CLASS DL2
(>100 000 CYCLES)CLASS RLB3
(≤1300 mm)

<18 dB

<16%

yes

< 0,03 m²K/W

>150 m

EAN 5905167778791

3IN1

- UNDERLAY
- FCL
- TAPE



OPTIMA AQUASTOP

Material PEHD/PET

Thickness 2,0 mm

Form Roll

10 m x 1 m/ 10 m²

30 pcs

300 m² / 600 m²19 800 m²CLASS PC2
(<1,3 mm)CLASS CS2
(<60 kPa)CLASS DL2
(>100 000 CYCLES)CLASS RLB3
(≤1500 mm)

<19 dB

<20%

yes

< 0,04 m²K/W

>150 m

EAN 5905167778777



OPTIMA MAX

Material PEHD

Thickness 2,0 mm

Form Roll

10 m x 1 m/ 10 m²

30 pcs

300 m² / 600 m²19 800 m²CLASS PC2
(<1,3 mm)CLASS CS2
(<60 kPa)CLASS DL2
(>100 000 CYCLES)CLASS RLB3
(≤1500 mm)

<19 dB

<20%

yes

< 0,04 m²K/W

-

EAN 5905167779316

SECURA SMART FAMILY



Underlays from this family thanks to their properties are great solutions for compensating small surface irregularities. Secura Family is also the best choice when it comes to sound absorption and reduction of sound transferred to closest areas. They are highly recommended for thermal insulation and for installation when durability of the floor is a must.

OVERLAP

Perfect solution for creating ideal vapour barrier.

SMART INSTALLATION

3IN1 underlay: Underlay has a firm and stable connection. No additional alu tape required.

EASY POS CONCEPT for DIY

Easy logistics, easy to manage in the store, easy for consumer to choose.



SECURA THERMO AQUASTOP SMART

Material	XPS/PET
Thickness	1,6 mm
Form	Smart
	5,1 m x 1,18 m / 6 m ²
	84 pcs
	504 m ² / 1008 m ²
	32 256 m ²
	CLASS PC2 (<1,2 mm)
	CLASS CS2 (<90 kPa)
	CLASS DL3 (>250 000 CYCLES)
	CLASS RLB2 (≤1200 mm)
	<19 dB
	<14%
	yes
	< 0,05 m ² K/W
	>75 m

EAN 5905167826942

3IN1

- UNDERLAY
- FOL
- TAPE



SECURA AQUASTOP SMART

XPS/PET

2,2 mm

Smart

5,1 m x 1,18 m / 6 m²

42 pcs

252 m² / 756 m²24 192 m²CLASS PC2
(<1,8 mm)CLASS CS2
(<90 kPa)CLASS DL3
(>250 000 CYCLES)CLASS RLB3
(≤1500 mm)

<20 dB

<14%

-

< 0,08 m²K/W

>150 m

EAN 5905167807842**3IN1**

- UNDERLAY
- FOL
- TAPE



SECURA EXTRA AQUASTOP SMART

XPS/PET

3,0 mm

Smart

5,1 m x 1,18 m / 6 m²

51 pcs

288 m² / 576 m²18 432 m²CLASS PC3
(<2,6 mm)CLASS CS2
(<90 kPa)CLASS DL3
(>250 000 CYCLES)CLASS RLB3
(≤1600 mm)

<21 dB

<12%

-

< 0,11 m²K/W

>150 m

EAN 5905167807262**3IN1**

- UNDERLAY
- FOL
- TAPE



SECURA MAX AQUASTOP SMART

XPS/PET

5,0 mm

Smart

4,7 m x 1,18 m / 5,5 m²

32 pcs

176 m² / 352 m²11 264 m²CLASS PC3
(<4,6 mm)CLASS CS2
(<90 kPa)CLASS DL3
(>250 000 CYCLES)CLASS RLB3
(≤1600 mm)

<22 dB

<10%

-

< 0,18 m²K/W

>150 m

EAN 5905167734728**NEW**

SECURA MAX SMART

XPS

5,0 mm

Smart

4,7 m x 1,18 m / 5,5 m²

32 pcs

176 m² / 352 m²11 264 m²CLASS PC3
(<4,6 mm)CLASS CS2
(<90 kPa)CLASS DL3
(>250 000 CYCLES)CLASS RLB3
(≤1600 mm)

<22 dB

<10%

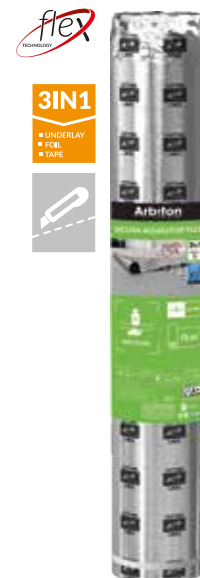
-

< 0,18 m²K/W

-

EAN 5905167826935

SECURA ROLLS FAMILY



SECURA AQUASTOP FLEX

Material	XPS/PET
Thickness	2,0 mm
Form	Roll
	13,6 m x 1,1 m / 15 m ²
	24 pcs
	360 m ² / 720 m ²
	23 040 m ²
	CLASS PC2 (<1,6 mm)
	CLASS CS2 (<60 kPa)
	CLASS DL3 (>250 000 CYCLES)
	CLASS RLB3 (≤1300 mm)
	<20 dB
	<14%
	yes
	< 0,074 m ² K/W
	>150 m

We have introduced FLEX TECHNOLOGY to our newest XPS underlays

FLEX TECHNOLOGY prevents XPS underlays from cracking and improve comfort of instalment. Thanks to advanced elastic modifiers you can simply unfold the underlay and smoothly install floor. Now our whole range of rolls in 2 mm and 1,6 mm thickness have benefited of FLEX Technology and improved quality of installation this products. XPS underlays with 1,6 mm thickness are perfect solution for well-prepared substrate. Underlays from Optima Family offer high quality parameters with attractive pricing.

> Acoustic comfort

good solution in both muffling reflected and transferred sound.

> Ideal for underfloor heating

thanks to low thermal resistance.

> Quick installation

easy to unfold roll with integrated AQUASTOP damp proof membrane with overlap and tape.

> Durable and light thanks

to high density polyethylene.

EAN 5905167826690



SECURA FLEX

XPS

2,0 mm

Roll

15 m x 1,1 m / 16,5 m²

24 pcs

396 m² / 792 m²

25 344 m²

CLASS PC2
(<1,6 mm)

CLASS CS2
(<60 kPa)

CLASS DL3
(>250 000 CYCLES)

CLASS RLB3
(≤1300 mm)

<20 dB

<14%

yes

< 0,074 m²K/W

-

EAN 5905167826713



SECURA LIGHT AQUASTOP FLEX

XPS/PET

1,6 mm

Roll

9,1 m x 1,1 m / 10 m²

45 pcs

450 m² / 900 m²

28 800 m²

CLASS PC2
(<1,1 mm)

CLASS CS2
(<60 kPa)

CLASS DL3
(>250 000 CYCLES)

CLASS RLB3
(≤1200 mm)

<19 dB

<14%

yes

< 0,05 m²K/W

>75 m

EAN 5905167826706



SECURA LIGHT FLEX

XPS

1,6 mm

Roll

18,2 m x 1,1 m / 20 m²

24 pcs

480 m² / 960 m²

30 720 m²

CLASS PC2
(<1,1 mm)

CLASS CS2
(<60 kPa)

CLASS DL3
(>250 000 CYCLES)

CLASS RLB3
(≤1200 mm)

<19 dB

<14%

yes

< 0,05 m²K/W

-

EAN 5905167826720



SECURA THERMO

XPS

1,6 mm

Roll

15 m x 1,1 m / 16,5 m²

24 pcs

396 m² / 792 m²

25 344 m²

CLASS PC2
(<1,2 mm)

CLASS CS2
(<90 kPa)

CLASS DL3
(>250 000 CYCLES)

CLASS RLB3
(≤1300 mm)

<19 dB

<14%

yes

< 0,05 m²K/W

-

EAN 5905167748886

FLOATING FLOOR ENGINEERED WOOD & SOLID WOOD





MULTIPROTEC ECO



This unique product is dedicated to solid wood floor and engineered wood. Main advantage is very quick installation. 3IN1 solution combines underlay with damp proof membrane and overlap with integrated tape.

Now Multiprotec ECO is equipped with cutting lines so installation become even simpler.

It is CFC free, recyclable, toxicologically safe, freely disposable as household waste and does not pollute water.

**SAVE THE PLANET!
OVER 30% LESS
CARBON EMISSIONS**

- > Polyurethane 1,5 mm acoustic underlay for floating laminate and parquet floors.
- > One of the quietest parquet and laminate underlays available.
- > Optimized to provide maximum insulation from walking sounds.
- > This underlay has achieved top performance values and is predestined for quality applications where high standards are required.
- > Improve your home and reduce floor noise up to 22%!



MULTIPROTEC ECO

Material	PUM/PET
Thickness	1,5 mm
Form	Roll
	8 m x 1 m / 8 m ²
	40 pcs
	320 m ² / -
	10 560 m ²
	CLASS PC2 (<1,2 mm)
	CLASS CS3 (<310 kPa)
	CLASS DL3 (>250 000 CYCLES)
	CLASS RLB2 (≤1000 mm)
	<16 dB
	< 22%
	yes
	< 0,004 m ² K/W
	>75 m

EAN 5905167816875

	FLOATING FLOOR		GLUE	
	ECO	WOOD FIBRE	CORK	GLUE
FLOOR HEATING	★★★★★	☹️	★	★★★★★
UNEVEN AREAS	★★★	★★★★★	★★★	★★★
MOISTURE	★★★★★	☹️	☹️	★★★★★
STATIC LOAD	★★★★★	★★	★★	★★★★★
ACOUSTIC COMFORT	★★★★★	★★	★★★	★★★★★
MONTAGE	★★★★★	★★	★★★	☹️
	BEST CHOICE!			



VINYL FLOORS

LVT + RIGID = VINYL CLICK

In many languages the category of floors defined by MMFA as class 2 (Polymer RIGID and Polymer LVT Click) is called using the word "vinyl", In English we say "VINYL CLICK FLOORING" in German: "VINYLBODEN", in Czech "VINYLOVÁ PODLAHA", in Polish "PANELE WINYLOWE" and in Spanish "SUELOS VINILICOS". That's why we decided to change the name of our products, from "LVT" to "Vinyl Click".



VINYL FLOORS INSTALLED IN CLICK SYSTEM REQUIRE AN UNDERLAY TO ABSORB SMALL SURFACE IRREGULARITIES OF THE SUBSTRATE. UNDERLAY PROTECTS LOCKS AND DIMINISHES THE SOUND HOLE EFFECT.

- > Increased durability and stability of lock connections
- > Absorbing punctual irregularities and protecting from damages
- > Fast and easy floor fitting



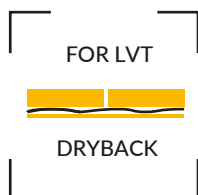
CHOOSE THE BEST UNDERLAY FOR YOUR VINYL FLOOR (LVT & RIGID)



VINYL FLOOR FITTED DIRECTLY ON CERAMIC TILES

Check underlays with increased compressive strength as ideal solution for areas with high level of traffic.

- **MULTIPROTEC VINYL CLICK HARDLAY**



DRYBACK

If you are looking for a solution dedicated for commercial area, where you can quickly and comfortably arrange space.

- **MULTIPROTEC LVT FASTLAY HD**



ACOUSTIC COMFORT

Do not worry about comfort of your neighbours living below you – our XPS underlays with high IS value will reduce noise transferred through the floor system.

- SECURA VINYL CLICK
- SECURA VINYL CLICK ANTISLIP



VINYL FLOOR WITH HEATING SYSTEM

The lower thermal resistance value the lower costs of underfloor heating system. Additionally our products has fire resistance class of Bfl -s1.

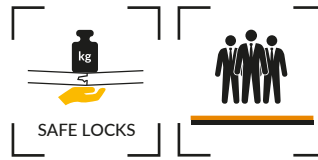
- MULTIPROTEC VINYL CLICK



CHOOSE ADEQUATE UNDERLAY FOR YOUR VINYL FLOOR (LVT & RIGID)

FLOOR DURABILITY

According to MMFA, the minimum value of the static load parameter should be $CS > 200$ kPa, but the recommended value is $CS > 400$ kPa.



200 kPa

400 kPa

500 kPa



BETTER



BEST

FLOOR HEATING

For the most efficient floor heating, you should use an underlay with the lowest thermal resistance parameter R. MMFA recommends $R < 0,15$ m²K/W for floor system.

SYSTEM
0,15 m²K/W

UNDERLAY
0,04 m²K/W

UNDERLAY
0,008 m²K/W

FIRE RESISTANCE

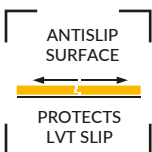
Use an underlay with proper fire resistance to make sure it complies with building fire-safety requirements.



SECURA VINYL FAMILY



MULTIPROTEC VINYL FAMILY



ANTISLIP



NO ANTISLIP

ANTISLIP

Choose an underlay with or without an anti-slip surface depending on the requirements of the floor producer.

OVERVIEW OF REQUIREMENTS FOR UNDERLAY



	Requirement	KPI	Description	Benefits for users	Minimum value	Recommended value
EN16354 NORM GUIDELINES ADDITIONAL PARAMETERS - MMFA RECOMMENDATION	FLOOR DURABILITY	PUNCTUAL CONFORMABILITY 	Smoothing small local defects of the subfloor or small particles laying on the subfloor	Preventing from cracking and clicking noise from sound bridges	$\geq 0,5$ mm	
		COMPRESSIVE STRENGTH 	Compressive strength at deformation	Protection of locking system and against cracking	≥ 200 kPa	≥ 400 kPa
		DYNAMIC LOAD 	Resistance of the underlay against long-term dynamic load	Resistance to intensive usage	$\geq 10\ 000$ cycles	$\geq 100\ 000$ cycles
	ACOUSTIC COMFORT	IMPACT SOUND REDUCTION 	Transferred sound reduction	Sounds transferred to area below are muffled	≥ 10 dB	≥ 18 dB
		RADIATED WALKING SOUND 	Reflected walking sound emitted	Reduction of noises reflected from the floor f.e. steps		
		THERMAL BARRIER 	Heat insulation*	Short time of warming up or cooling down the emitting floor, saving energy	$\geq 0,075$ m ² K/W	
	FLOOR HEATING	THERMAL RESISTANCE 	Usefulness for coverings with underfloor heating (H) or cooling (C)*	Less time required for heating up/cooling off; energy savings	H: $\geq 0,15$ C: $\geq 0,10$ m ² K/W	
	SUBSTRATE STRUCTURE	WATER VAPOUR RESISTANCE 	Protection against residual moisture in substrate	Avoiding damp related damages	≥ 75 m	

*EN16354 norm and EPLF 08/2013 instruction - Installation of Laminate Floor Coverings

MULTIPROTEC VINYL FAMILY



NEW





CUTTING LINES

Precise cutting with printed guiding lines

B_{fl}-s1

SPECIAL NEEDS REQUIRE SPECIAL SOLUTIONS. FOR AREAS WITH HIGH LEVEL OF TRAFFIC INSTALLED FLOOR WITH CLICK SYSTEM REQUIRE UNDERLAY WITH HIGH VALUE OF COMPRESSIVE STRENGTH.

This is exactly what you can expect from our products. If underfloor will be used, do not worry, you are covered – our products also performs well with underfloor heating thanks to low value of thermal resistance.

-  > 2IN1 solution – underlay with integrated damp proof membrane
-  > Fire resistance class B_{fl}-s1
-  > Ideal solution for underfloor heating – lowest thermal resistance
-  > Highest CS value - perfect for areas with high traffic level



www.blauer-engel.de/uz156

Reliable orientation for sustainable purchasing

The Blue Angel – the environmental label of the German federal government – has set stringent standards for environmentally friendly, healthy and durable products and services in an independent and credible way since 1978. The Blue Angel is Germany's most well-known environmental label. You can thus benefit from the clear competitive advantages and added level of trust that this environmental label enjoys in the economy and amongst consumers. The Blue Angel label is known from its credibility and competence and its objective criteria.



MULTIPROTEC VINYL CLICK



MULTIPROTEC VINYL CLICK HARDLAY



MULTIPROTEC VINYL CLICK ANTISLIP

Material	PUM/PET
Thickness	1,4 mm
Form	Roll
	8,5 m x 1 m / 8,5 m ²
	40 pcs
	340 m ² / -
	11 220 m ²
	CLASS PC2 (<1,2 mm)
	CLASS CS3 (<400 kPa)
	CLASS DL3 (>400 000 CYCLES)
	CLASS RLB3 (≤1500 mm)
	<16 dB
	-
	yes
	< 0,008 m ² K/W
	>75 m

EAN 5905167776339

Material	PUM/PET
Thickness	1,1 mm
Form	Roll
	9 m x 1 m / 9 m ²
	40 pcs
	360 m ² / -
	11 880 m ²
	CLASS PC1 (<0,6 mm)
	CLASS CS3 (<500 kPa)
	CLASS DL3 (>500 000 CYCLES)
	CLASS RLB2 (≤1000 mm)
	<14 dB
	-
	yes
	< 0,004 m ² K/W
	>75 m

EAN 5905167816912

Material	PUM
Thickness	1,6 mm
Form	Roll
	8,5 m x 1 m / 8,5 m ²
	40 pcs
	340 m ² / -
	11 220 m ²
	CLASS PC2 (<1,4 mm)
	CLASS CS3 (<400 kPa)
	CLASS DL3 (>400 000 CYCLES)
	CLASS RLB3 (≤1500 mm)
	<16 dB
	-
	yes
	< 0,008 m ² K/W
	-

EAN 5905167721230

MULTIPROTEC VINYL HARDLAY CLICK

This product (with Arbiton Amaron and Liberal collection) can be applied directly on ceramic tiles with joints up to 5 mm in width and 1 mm in depth without any additional leveling.



CUTTING LINES

PRECISE CUTTING WITH PRINTED GUIDING LINES



SECURA VINYL FAMILY



PRODUCTS DEDICATED FOR VINYL FLOORS WITH CLICK SYSTEM. SUITABLE FOR AREAS WITH HIGH TRAFFIC LEVEL.

HIGH CS VALUE IMPROVES QUALITY OF THE SYSTEM AND INCREASES DURABILITY OF THE FLOOR.

This product line is very easy to install and align thanks to accordion form and cutting lines.

High IS value for this XPS products allows for implementation in commercial areas, where special parameters are required.



SECURA VINYL CLICK



SECURA VINYL CLICK BLACK



SECURA VINYL CLICK ANTISLIP

Material	XPS/PET
Thickness	1,5 mm
Form	Smart
	5,30 m x 1,18 m / 6,25 m ²
	63 pcs
	393,75 m ² / 787,5 m ²
	25 200 m ²
	CLASS PC2 (<1,0 mm)
	CLASS CS3 (<400 kPa)
	CLASS DL3 (>400 000 CYCLES)
	CLASS RLB3 (≤1500 mm)
	<19 dB
	-
	yes
	< 0,04 m ² K/W
	>150 m

EAN 5905167816943

Material	XPS/PET
Thickness	1,0 mm
Form	Smart
	5,30 m x 1,18 m / 6,25 m ²
	78 pcs
	487,5 m ² / 975 m ²
	31 200 m ²
	CLASS PC1 (<0,6 mm)
	CLASS CS3 (< 400 kPa)
	CLASS DL3 (>400 000 CYCLES)
	CLASS RLB3 (≤1300 mm)
	<17 dB
	-
	yes
	< 0,03 m ² K/W
	>75 m

EAN 5905167816950

Material	XPS/PET
Thickness	1,5 mm
Form	Smart
	5,30 m x 1,18 m / 6,25 m ²
	63 pcs
	393,75 m ² / 787,5 m ²
	25 200 m ²
	CLASS PC2 (<1,0 mm)
	CLASS CS3 (<400 kPa)
	CLASS DL3 (>400 000 CYCLES)
	CLASS RLB3 (≤1500 mm)
	<19 dB
	-
	yes
	< 0,04 m ² K/W
	>150 m

EAN 5905167816936

Whatever your needs we provide you with optimal packaging. Every product from this family is packed 6,25 m² per package.

6,25 m²



UNDERLAYS
IDEAL
FOR DRYBACK
FLOORS





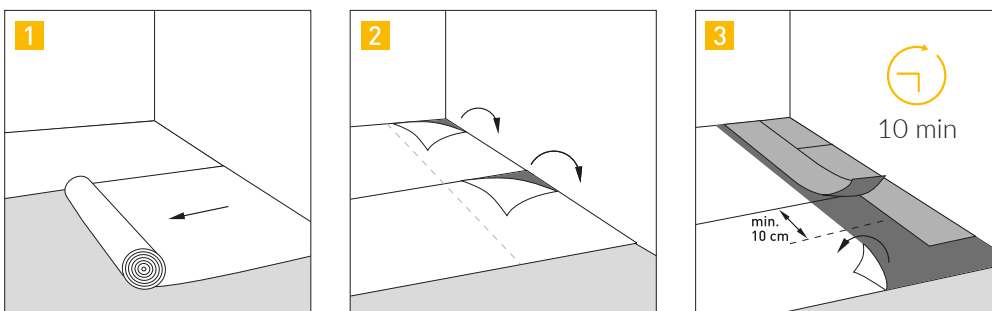
MULTIPROTEC LVT FASTLAY HD



UNDERLAY IDEAL FOR DRYBACK FLOORS. IT CAN BE USED FOR QUICK RENOVATION WITHOUT INTERFERENCE IN SUBSOIL.

Minimum subsoil preparation (eliminates minor unevenness) and much quicker glue assembly. Innovative self-adhesive layer allows corrections up to 10 minutes after floor installation.

You do not need experience in fitting a floor to install the dryback floor on our fastlay mate. It is as easy as click system. It is ideal solution for do it yourself enthusiasts.



MULTIPROTEC LVT FASTLAY HD

Material	PUM/PET
Thickness	1,8 mm
Form	Roll
	6 m x 1 m / 6 m ²
	40 pcs
	240 m ² / -
	7 920 m ²
	CLASS PC2 (<1,3 mm)
	CLASS CS3 (<500 kPa)
	CLASS DL3 (>500 000 CYCLES)
	CLASS RLB3 (≤1500 mm)
	<17 dB
	-
	yes
	< 0,01 m ² K/W
	>75 m

EAN 5905167816967

MULTIPROTEC ACULAY



ACOUSTIC AND STRESS-RELIEVING
UNDERLAY FOR LVT DRYBACK

Made of minerals, polyurethane, reinforced with two layers of natural fibre mesh and special vapour layer thanks to which it effectively breaks impact sound waves and assure $SD > 75$ m. Suitable for use in domestic and commercial areas, in new buildings but especially in renovation projects and on substrates with poor acoustic insulation.

Stress-relieving

Compensates any shear and pull forces between the substrate and the flooring.

Impact sound insulation

Considerably reduces impact and ambient sound in flooring installations. Combines acoustic comfort with technical and functional reliability, therefore it is an ideal solution for renovation. Suitable also for solid wood flooring and engineered wood flooring.

Installation areas:

- > concrete substrates
- > all types of screed that conform to standards
- > screeds at risk of cracking
- > warm water underfloor heating systems
- > floorboards, chipboards
- > old stone and ceramic flooring



MULTIPROTEC ACULAY

Material	PUM
Thickness	2,1 mm
Form	Roll
	7 m x 1 m / 7 m ²
	40 pcs
	280 m ² / -
	9 240 m ²
	CLASS PC2 ($< 1,3$ mm)
	CLASS CS3 (< 300 kPa)
	CLASS DL3 ($> 250\ 000$ CYCLES)
	CLASS RLB3 (≤ 1300 mm)
	< 21 dB
	-
	yes
	$< 0,01$ m ² K/W
	> 75 m

EAN 5905167826744



ACCESSORIES



DAMP PROOF FOIL

A vapour insulation barrier is necessary to meet the guarantee requirements (SD>75).







DAMP PROOF FOIL

A vapour insulation barrier is necessary to meet the guarantee requirements (SD>75).







ALU TAPE





Durably and reliably connects vapour insulation barriers, which prevents formation of cracks and penetration of moisture.

Material	PEHD
Thickness	0,2 mm
Form	Roll
	100 m ² (50,0 m x 2,0 m)
	100 m ²
	8 000 m ²
	75

EAN 5907584870584

Material	PEHD
Thickness	0,2 mm
Form	Pack
	15 m ² (2 m x 7,5 m)
	75m ² (15 m ² x 5 szt.)
	12 000 m ²
	75

EAN 5907749007343

Material	-
Thickness	0,05 mm
Form	Roll
	25 mb (25,0 m x 0,05 m)
	1 pc
	2 880 pcs
	-

EAN 5905167698778

OVERVIEW



Material

Thickness

Form

mm

pcs

m²

m²

mm

FLOATING FLOOR - LAMINATE & ENGINEERED WOOD

MULTIPROTEC FAMILY

MULTIPROTEC ABSOLUTE 3IN1	PUM/PET	3 mm	ROLL	5 000 x 1 000	40	200 / -	6 600	PC3 (<2,3)
MULTIPROTEC ACOUSTIC 3IN1	PUM/PET	2 mm	ROLL	8 000 x 1 000	40	320 / -	10 560	PC2 (<1,6)
MULTIPROTEC 1000 3IN1	PUM/PET	1,5 mm	ROLL	8 000 x 1 000	40	320 / -	10 560	PC2 (<1,2)

OPTIMA FAMILY

OPTIMA EXPERT AQUASTOP	PEHD/PET	2 mm	ROLL	10 000 x 1 000	30	300 / 600	19 800	PC2 (<1,3)
OPTIMA THERMO AQUASTOP	PEHD/PET	1,5 mm	ROLL	10 000 x 1 000	48	480 / 960	31 680	PC2 (<1,2)
OPTIMA AQUASTOP	PEHD/PET	2 mm	ROLL	10 000 x 1 000	30	300 / 600	19 800	PC2 (<1,3)
OPTIMA MAX	PEHD	2 mm	ROLL	10 000 x 1 000	30	300 / 600	19 800	PC2 (<1,3)

SECURA SMART FAMILY

SECURA THERMO AQUASTOP SMART	XPS/PET	1,6 mm	SMART	5 100 x 1 180	84	504 / 1008	32 256	PC2 (<1,2)
SECURA AQUASTOP SMART	XPS/PET	2,2 mm	SMART	5 100 x 1 180	42	252 / 756	24 192	PC2 (<1,8)
SECURA EXTRA AQUASTOP SMART	XPS/PET	3 mm	SMART	5 100 x 1 180	51	288 / 576	18 432	PC3 (<2,6)
SECURA MAX AQUASTOP SMART	XPS/PET	5 mm	SMART	4 700 x 1 180	32	176 / 352	11 264	PC3 (<4,6)
SECURA MAX SMART	XPS	5 mm	SMART	4 700 x 1 180	32	176 / 352	11 264	PC3 (<4,6)

SECURA ROLLS FAMILY

SECURA AQUASTOP FLEX	XPS/PET	2 mm	ROLL	13 640 x 1 100	24	360 / 720	23 040	PC2 (<1,6)
SECURA FLEX	XPS	2 mm	ROLL	15 000 x 1 100	24	396 / 792	25 344	PC2 (<1,6)
SECURA LIGHT AQUASTOP FLEX	XPS/PET	1,6 mm	ROLL	9 100 x 1 100	45	450 / 900	28 800	PC2 (<1,1)
SECURA LIGHT FLEX	XPS	1,6 mm	ROLL	18 200 x 1 100	24	480 / 960	30 720	PC2 (<1,1)
SECURA THERMO	XPS	1,6 mm	ROLL	15 000 x 1 100	24	396 / 792	25 344	PC2 (<1,2)

FLOATING FLOOR - ENGINEERED & SOLID WOOD

MULTIPROTEC ECO CL	PUM/PET	1,5 mm	ROLL	8 000 x 1 000	40	320 / -	10 560	PC2 (<1,2)
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VINYL FLOORS

MULTIPROTEC VINYL FAMILY

MULTIPROTEC VINYL CLICK	PUM/PET	1,4 mm	ROLL	8 500 x 1 000	40	340 / -	11 220	PC2 (<1,2)
MULTIPROTEC VINYL CLICK HARDLAY	PUM/PET	1 1mm	ROLL	9 000 x 1 000	40	360 / -	11 880	PC1 (<0 6)
MULTIPROTEC VINYL CLICK ANTISLIP	PUM	1,6 mm	ROLL	8 500 x 1 000	40	340 / -	11 220	PC2 (<1,4)

SECURA VINYL FAMILY

SECURA VINYL CLICK	XPS/PET	1,5 mm	SMART	5 300 x 1 180	63	393,75 / 787,5	25 200	PC2 (<1,0)
SECURA VINYL CLICK BLACK	XPS/PET	1 mm	SMART	5 300 x 1 180	78	487,5 / 975	31 200	PC1 (<0,6)
SECURA VINYL CLICK ANTISLIP	XPS/PET	1 5 mm	SMART	5 300 x 1 180	63	393 75 / 787 5	25 200	PC2 (<1 0)

MULTIPROTEC LVT FASTLAY HD

MULTIPROTEC LVT FASTLAY HD	PUM/PET	1,8 mm	ROLL	6 000 x 1 000	40	240	7 920	PC2 (<1,3)
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MULTIPROTEC ACULAY

MULTIPROTEC ACULAY	PUM	2,1 mm	ROLL	7 000 x 1 000	40	280	9 240	PC2 (<1,3)
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kPa



cycles



mm



dB



%



Floor heating



m²K/W



m

EAN

FLOATING FLOOR - LAMINATE & ENGINEERED WOOD

MULTIPROTEC FAMILY

CS2 (<100)	DL3 (>250 000)	RLB2 (≤1000)	< 21	< 30	yes	< 0,01	>150	5905167816868	MULTIPROTEC ABSOLUTE 3IN1
CS3 (<250)	DL3 (>250 000)	RLB2 (≤1000)	< 20	< 28	yes	< 0,01	>150	5905167816851	MULTIPROTEC ACOUSTIC 3IN1
CS3 (<310)	DL3 (>250 000)	RLB2 (≤1000)	< 16	< 22	yes	< 0,006	>150	5905167816844	MULTIPROTEC 1000 3IN1

OPTIMA FAMILY

CS2 (<70)	DL2 (>100 000)	RLB3 (≤1300)	< 19	< 22	yes	< 0,05	>150	5905167778784	OPTIMA EXPERT AQUASTOP
CS2 (<60)	DL2 (>100 000)	RLB3 (≤1300)	< 18	< 16	yes	< 0,03	>150	5905167778791	OPTIMA THERMO AQUASTOP
CS2 (<60)	DL2 (>100 000)	RLB3 (≤1500)	< 19	< 20	yes	< 0,04	>150	5905167778777	OPTIMA AQUASTOP
CS2 (<60)	DL2 (>100 000)	RLB3 (≤1500)	< 19	< 20	yes	< 0,04	-	5905167779316	OPTIMA MAX

SECURA SMART FAMILY

CS2 (<90)	DL3 (>250 000)	RLB2 (≤1200)	< 19	< 14	yes	< 0,05	>75	5905167826942	SECURA THERMO AQUASTOP SMART
CS2 (<90)	DL3 (>250 000)	RLB3 (≤1500)	< 20	< 14	-	< 0,08	>150	5905167807842	SECURA AQUASTOP SMART
CS2 (<90)	DL3 (>250 000)	RLB3 (≤1600)	< 21	< 12	-	< 0,11	>150	5905167807262	SECURA EXTRA AQUASTOP SMART
CS2 (<90)	DL3 (>250 000)	RLB3 (≤1600)	< 22	< 10	-	< 0,18	>150	5905167734728	SECURA MAX AQUASTOP SMART
CS2 (<90)	DL3 (>250 000)	RLB3 (≤1600)	< 22	< 10	-	< 0,18	-	5905167826935	SECURA MAX SMART

SECURA ROLLS FAMILY

CS2 (<60)	DL3 (>250 000)	RLB3 (≤1300)	< 20	< 14	yes	< 0,074	>150	5905167826690	SECURA AQUASTOP FLEX
CS2 (<60)	DL3 (>250 000)	RLB3 (≤1300)	< 20	< 14	yes	< 0,074	-	5905167826713	SECURA FLEX
CS2 (<60)	DL3 (>250 000)	RLB3 (≤1200)	< 19	< 14	yes	< 0,05	>75	5905167826706	SECURA LIGHT AQUASTOP FLEX
CS2 (<60)	DL3 (>250 000)	RLB3 (≤1200)	< 19	< 14	yes	< 0,05	-	5905167826720	SECURA LIGHT FLEX
CS2 (<90)	DL3 (>250 000)	RLB3 (≤1300)	< 19	< 14	yes	< 0,05	-	5905167748886	SECURA THERMO

FLOATING FLOOR - ENGINEERED & SOLID WOOD

CS3 (<310)	DL3 (>250 000)	RLB2 (≤1000)	< 16	< 22	yes	< 0,004	>75	5905167816875	MULTIPROTEC ECO CL
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VINYL FLOORS

MULTIPROTEC VINYL FAMILY

CS3 (<400)	DL3 (>400 000)	RLB3 (≤1500)	< 16	-	yes	< 0,008	>75	5905167776339	MULTIPROTEC VINYL CLICK
CS3 (<500)	DL3 (>500 000)	RLB2 (≤1000)	< 14	-	yes	< 0,004	>75	5905167816912	MULTIPROTEC VINYL CLICK HARDLAY
CS3 (<400)	DL3 (>400 000)	RLB3 (≤1500)	< 16	-	yes	< 0,008	-	5905167721230	MULTIPROTEC VINYL CLICK ANTISLIP

SECURA VINYL FAMILY

CS3 (<400)	DL3 (>400 000)	RLB3 (≤1500)	< 19	-	yes	< 0,04	>150	5905167816943	SECURA VINYL CLICK
CS3 (<400)	DL3 (>400 000)	RLB3 (≤1300)	< 17	-	yes	< 0,03	>75	5905167816950	SECURA VINYL CLICK BLACK
CS3 (<400)	DL3 (>400 000)	RLB3 (≤1500)	< 19	-	yes	< 0,04	>150	5905167816936	SECURA VINYL CLICK ANTISLIP

CS3 (<500)	DL3 (>500 000)	RLB3 (≤1500)	< 17	-	yes	< 0,01	>75	5905167816967	MULTIPROTEC LVT FASTLAY HD
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CS3 (<300)	DL3 (>250 000)	RLB3 (≤1300)	< 21	-	yes	< 0,01	>75	5905167826744	MULTIPROTEC ACULAY
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