

ENVOY FLOORING

Hear the silence

Discover the high-performance underlays from Abriso Jiffy



abrisojiffy.com

ABRISO  
WE CREATE. WE SUSTAIN. WE PROTECT.

THE EXPERTS IN ACOUSTIC UNDERLAY

There's something about walking into a room and noticing the... silence.

At Abriso Jiffy we bring harmony to a home and a peacefulness to flooring. It's all down to the quality of acoustic underlay underneath. A material that often goes unnoticed - until you experience loud flooring without it.

That's why it pays to only install the best. The noise-reducing, comfort-inducing underlays of Abriso Jiffy.



WE CREATE. WE SUSTAIN. WE PROTECT.



SUSTAINABLE & RESPONSIBLE

Today's flooring experts need to lay more than just underlay. Our underlays are the result of more than 20 years of dedication to sustainability and innovation.

That's why many of the products we manufacture ourselves are 100% recyclable. And why we've reclaimed over 15,000 tonnes of waste and saved over 25,000 tonnes of CO₂ in the last year.

Choose one of our underlays and you can be sure that you're taking the responsible approach to flooring.

CERTIFIED REASSURANCE

If having 17 sites across Europe doesn't put your mind at ease that you're partnering with the leader in acoustic underlays, then rest assured that Abriso Jiffy is also fully certified, company-wide.

We have our own laboratory testing centre to conduct all relevant tests following EN 16354 for laminate, parquet and LVT underlays. So you can be assured that our products are safe, protective, and offer improved levels of comfortable living.



We also hold certifications including:

- DIBt, approval number Z-158.10-79
- TÜV Rheinland
- SGS
- ISCC
- ISO-9001
- A+ ratings across all products

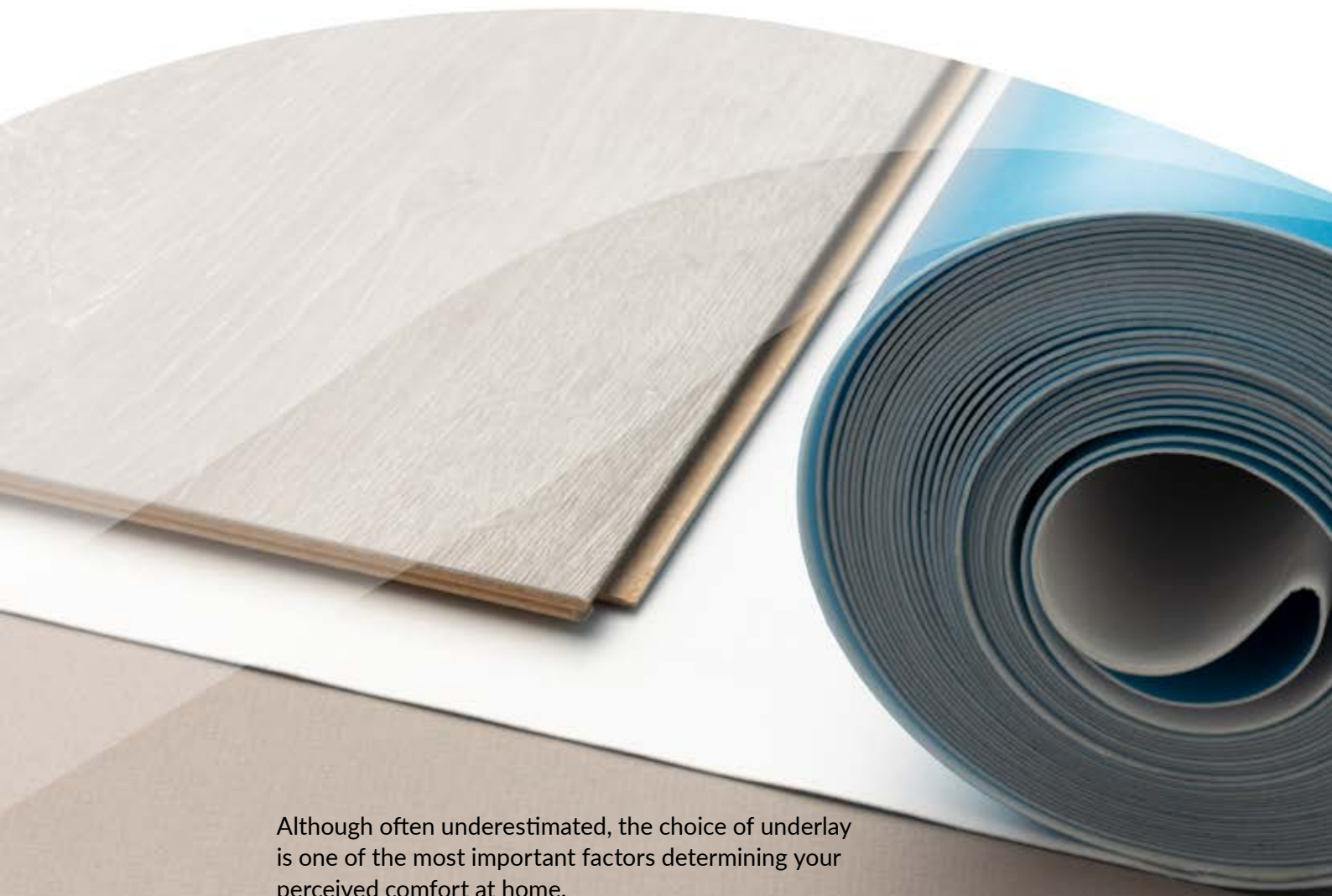
SILENCE THAT'S WORTH SHOUTING ABOUT

When it comes to producing products that provide harmony to a floor, we put our credentials out there for all to see.

This is a range that will suit any project – whether it's an underlay for yourself or your customer.

And whilst you can pick from a wide-ranging portfolio – different thicknesses, densities and categories provide different levels of performance – you're guaranteed acoustic protection, whichever product you choose.

UNDERLAYS THAT OVER-DELIVER



Although often underestimated, the choice of underlay is one of the most important factors determining your perceived comfort at home.



Noise insulation is the main benefit of Abriso Jiffy underlays. These products insulate your room acoustically by making your floor as peaceful as possible.



As well as noise insulation, Abriso Jiffy underlays offer a host of additional benefits, such as helping to protect your precious flooring from daily wear and falling objects, as well as shielding the floor from rising moisture. The underlays are easy to install and provide a consistent and even level. Moreover, some of our underlays are perfectly suited in combination with floor heating & cooling.



You can also customise to your heart's content. Choose from rolls that start from 10 m² which can be packed individually or delivered loose in boxes. The rolls can range from 0.7 mm to 5 mm in thickness, with densities that can go up to 500 kg/m³. Rolls can also be coloured or printed with your logo. Just about anything is possible with Abriso Jiffy.

LAMINATE & PARQUET

STANDARD

PREMIUM

PERFORMANCE



ENVOY ESSENTIAL

This non-laminated acoustic underlay is made from closed cell, non-cross linked polyethylene. It's a budget-friendly foam but comes with high-performance standards. The material helps to reduce and insulate noise for all floor types and levels out any unevenness in the subfloor. Envoy Essential can also be used with a damp proof membrane if required.



Benefits:

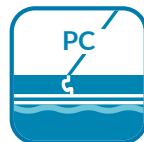
- Excellent impact sound reduction
- Light, strong and flexible
- Fully recyclable, 100% LDPE product
- Suitable for underfloor heating systems
- Smooths irregular surfaces
- Easy to handle and install



**Budget
friendly**



**100%
recyclable**



**Smooths
irregular
surfaces**

Installation

Envoy Essential is ideal for a floating installation of laminate and wooden parquet floors. Simply roll out the underlay across the floor and make sure that the joints are butted tightly together before sealing the joints with an adhesive tape. A damp proof membrane can be used with Envoy Essential to ensure extra protection against humidity.

ENVOY DUO

This 100% polyethylene underlay combines the best of both worlds: it offers excellent impact noise reduction whilst also providing an integrated water-vapour barrier out of PE-film. The option to laminate the PE-film on the upside makes it even easier to install the floating floor. The efficient water-vapour barrier won't let you down for years to come.



Benefits:

- 2-in-1 solution saves installation time
- Fully recyclable, 100% PE product
- Perfectly suitable for customisation (e.g. customised printing, adding a flap, adding adhesive tape)



Noise and
water vapour
barrier



100%
recyclable



Fully
customisable

Installation

Envoy Duo is made for all floating laminate and wooden floor types. It's available with or without a flap and integrated adhesive tape. Simply roll out the underlay across the floor and tape the joints tightly together.

LAMINATE & PARQUET

STANDARD

PREMIUM

PERFORMANCE

ENVOY SILVER

If both appearance and performance are important, look no further than Envoy Silver. With its silver damp proof film, its quality literally shines. This flat, strong and flexible foam is a high-performing acoustic underlay which offers a reduction in sound as well as excellent durability and protection from humidity. It's also fully customisable with your logo or with a printed cutting line.



Benefits:

- Excellent impact sound reduction
- Humidity and water vapour barrier
- Light yet sturdy
- Smooths irregular surfaces
- Easy to handle and install



Eye-catching look



Noise and water vapour barrier



Fully customisable

Installation

Envoy Silver can be used on a variety of flooring. For fast and easy installation, roll out the underlay across the floor, placing the next width against the previous one (do not overlap).

Join the seams with adhesive tape, or use Envoy Silver with integrated tape on the roll.

LAMINATE & PARQUET

STANDARD

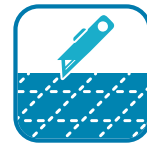
PREMIUM

PERFORMANCE



ENVOY GOLD

Why choose silver when gold is an option? The Envoy Gold is a strong, dense but still flexible foam. With its gold damp proof film, this high-performing acoustic underlay provides extra durability and protection. The attached water-vapour barrier makes it a perfect 2-in-1 solution and it's ideal for customising, too.



Available with grid lines

Benefits:

- Durable and protective
- High levels of acoustic sound reduction
- Helps prevent humidity
- Light yet sturdy
- Smooths irregular surfaces
- Easy to handle and install



Eye-catching look



Noise and water vapour barrier



Fully customisable

Installation

You can use Envoy Gold with all kinds of laminate and parquet flooring. Installation is easy – simply roll out the underlay, placing each width next to the last without overlapping. Now fasten each joint with adhesive tape, or make life easier with Envoy Gold featuring its own integrated tape.

LAMINATE & PARQUET

STANDARD

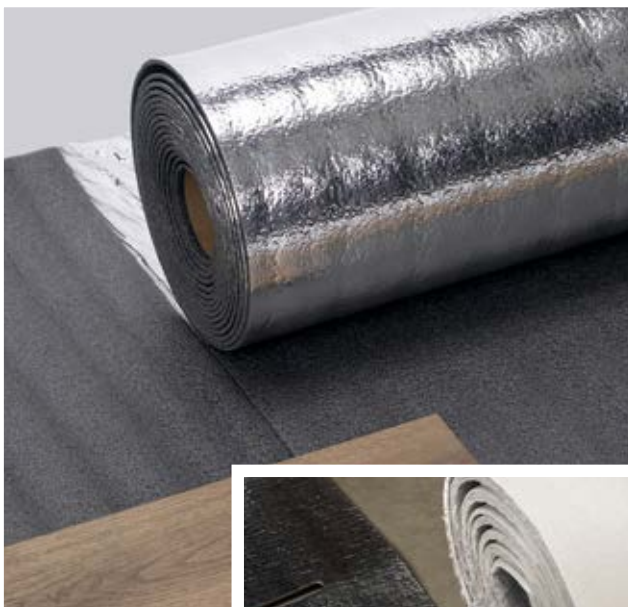
PREMIUM

PERFORMANCE

ENVOY PRO

This acoustic polypropylene underlay is firm, strong and highly versatile. Not only does Envoy Pro offer a maximum reduction in sound but it also provides an effective integrated water vapour barrier as well as excellent resistance to high surface loads. This is a high-performance, all-in-one product.

Envoy Pro is also available die cut. This option makes it perfectly suitable for glued application of parquet flooring.



Benefits:

- Excellent impact sound reduction
- Withstands high surface weights
- Superior barrier properties
- Light, strong and flexible
- Fully recyclable
- Smooths irregular surfaces
- 100% polypropylene foam & film
- Easy to handle and install
- Die cut underlay possible



Preferred by professionals



100% recyclable



Die cut underlay possible for glued parquet installation

Installation

Ideal for all floating wooden floor types, Envoy Pro comes with an integrated water vapour barrier and self-adhesive overlap – in other words, everything you need. Simply roll out the underlay across the floor and butt the joints tightly together before sealing. It's quick and easy to install, helping you to achieve a flat and regular surface.

LAMINATE & PARQUET

STANDARD

PREMIUM

PERFORMANCE

ENVOY THERMO

Ideal for use with floor heating systems, Envoy Thermo is an underlay with smaller perforations, which helps to reduce noise.

As well as the increased noise impact reduction qualities, this PE-foam offers high performance in thermal conductivity and all with no need for a separate damp proof membrane.



Benefits:

- Combines with underfloor heating systems
- Excellent impact sound reduction
- Light, strong and flexible
- 100% recyclable LDPE product
- Smooths irregular surfaces
- Easy to handle and install

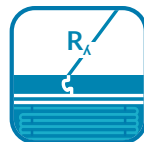


#1

Best all-round underlay



100% recyclable



Best performance with underfloor heating & cooling

Installation

Envoy Thermo is perfect for use with underfloor heating systems. It works in harmony with your home, helping to create a consistent temperature and improve your living standards.

LAMINATE & PARQUET

STANDARD

PREMIUM

PERFORMANCE

ENVOY SUPREME

This non-laminated high density underlay provides not only high sound reduction but also a water vapour barrier thanks to its built-in damp proof membrane. With its excellent compressive creep performance, this underlay results in both longevity and a professional finish. Suitable for domestic and commercial applications.



Benefits:

- Excellent impact sound reduction
- Fully recyclable, 100% LDPE product
- Suitable for underfloor heating systems
- Easy to handle and install



Eye-catching look



100% recyclable



Built-in damp proof membrane (closed cell structure)

Installation

Envoy Supreme is ideal for installing both wooden and laminate parquet floors. Simply roll out the underlay across the floor and make sure that the joints are butted tightly together, before sealing them with an adhesive tape. The built-in damp proof membrane increases protection against humidity.

LAMINATE & PARQUET

STANDARD

PREMIUM

PERFORMANCE

ENVOY SUPREME PLUS

Another of our high density, laminated underlays is Envoy Supreme Plus. This reduces noise and comes with a damp proof membrane. Since this product is laminated, it also increases durability and protects the underlay from being damaged, whilst enabling printing opportunities for your brand. Envoy Supreme Plus is waiting for your marketing customisation.



Benefits:

- Excellent impact sound reduction
- Water vapour barrier
- Light yet sturdy
- Smooths irregular surfaces
- Easy to handle and install



Preferred by
professionals



Noise and
water vapour
barrier



Fully
customisable

Installation

Envoy Supreme Plus is made for all floating laminate and wooden floor types and comes with the option of both flap and integrated adhesive tape. For fast and easy installation, simply roll out the underlay across the floor and butt the joints tightly together before sealing.

ENVOY SUPREME LVT

Ideal for keeping your precious vinyl click floors in shape due to its high compressive strength, Envoy Supreme LVT ensures total durability and offers our highest level of noise reduction. Moreover, this underlay can be customised with an acoustic booster to obtain an even better acoustic performance. Envoy Supreme LVT also performs incredibly well with underfloor heating and cooling, thanks to its low thermal resistance.



Benefits:

- Protects vinyl click floors against damage
- Prevents telegraphing of uneven subfloors
- High values for compressive strength and creep
- Efficient impact sound reduction
- Low thermal resistance – ideal for underfloor heating
- Easy to handle and install



Best in sound
reduction



100%
recyclable



Customisable
with acoustic
booster

Installation

Suitable for floor heating & cooling systems. Simply roll out the underlay neatly side by side. Tape the joints together and install your vinyl floor in the opposite direction. The underlay is easy to cut with a cutter knife to work around obstacles.

ENVOY SUPREME ANTI-SLIP

This high density LVT underlay is laminated on one side with an anti-slip film which keeps the floor even without open joints. The anti-slip film also functions as a damp proof membrane. So, when you need the best features that correspond with the highest values according to European standards, use our Envoy Supreme Anti-Slip.



Benefits:

- Durable – ideal for vinyl click floors with high traffic levels
- Implemented in commercial areas
- Prevents telegraphing of uneven subfloors
- High values for compressive strength and creep
- Efficient impact sound reduction
- Protects against residual moisture
- Easy to handle and install



Anti-slip film to strengthen the cohesion of the LVT installation



Noise and water vapour barrier



Customisable with acoustic booster

Installation

Suitable for floor heating & cooling systems. Simply roll out the underlay neatly side by side. Tape the joints together and install your vinyl floor in the opposite direction. The underlay is easy to cut with a cutter knife to work around obstacles.





PRODUCT RANGE GUIDE – LAMINATE & PARQUET

Laminate & Parquet

Property	Symbol	Unit	Test method	Minimum requirements	Higher requirements	 Essential 2 mm 50 kg/m ³		 Duo 2 mm 50 kg/m ³ + film 120µ LDPE	
						Punctual conformability		mm	EN ISO 868
Compressive strength		kPa	EN 826	≥10 kPa	≥60 kPa	25	>33		
Compressive creep		kPa	EN 1606 + A.3.8	≥2 kPa	≥20 kPa	≥2	≥2		
Dynamic load resistance (DL25)		Cycles	EN 13793	DL25 ≥10,000	DL 25 ≥100,000	<10,000	≥24,000		
Resistance to impact by large diameter ball		mm	EN 13329	RLB ≥50 cm	RLB ≥120 cm	>1200	>1200		
Thermal resistance		m ² K/W	EN 12667 or EN 12664 at 24° C mean temperature	R ≥ 0.075 m ² K/W (see NOTE p.17)		0.0481	0.0481		
Water vapour diffusion resistance		m	EN 12086, method A, at 23° C and 0% to 50% rel. humidity	≥75 m		≥20	105		
Impact sound insulation		dB	EN ISO 10140-3 and EN ISO 717-2	ΔLw	≥14 dB	≥18 dB	18	20	
				ΔIlin	≥10 dB		8	9	
Reaction to fire			EN ISO 11925-2 Classification according to EN 13501-1:2007 + A1:2009, table 2			Eff	Eff		
Emission of volatile organic compounds (VOCs)			EN ISO 16000-9						
Area weight	AW	g/m ²	A.3.10			100	240		

The above information is based on our current knowledge and level of technological development and cannot be held to be complete. We reserve the right to make technical changes and further improvements to the product. This information renders all previous publications invalid.

*Results depending on the type of film used.





















					
Silver	Gold	Pro	Thermo	Supreme	Supreme Plus
2 mm 50 kg/m ³ + Silver film	2 mm 50 kg/m ³ + Gold film	2 mm 375 kg/m ³ + film PP metallised	1 mm 300 kg/m ³ + film 120µ LDPE	1,8 mm 110 kg/m ³	1,8 mm 90 kg/m ³ + film 120µ LDPE
14	14	14	>0,5	15	14
33	33	>10	>500	>60	>60
≥2	≥2	≥2	>50	≥2	≥2
≥26,200	≥26,200	>10,000	>250,000	>400,000	>50,000
>1200	>1200	>1200	>1200	>1200	>1200
0.065 - 0.072 *	0.065 - 0.072 *	0.0776	0.022	0.0449	0.0449
≥137	≥137	>75	>75	73	129
18	18	18	19	19	21
8	8	8	9	8	10
Efl	Efl	Efl	Efl	Efl	Efl
					
120	120	95	410	200	250

NOTE: Laminate floors provide relatively low thermal insulation. Underlayment can therefore significantly improve the thermal insulation properties of the floor and increase the living comfort with a higher surface temperature.

A distinction is made between the installation of the heating below the underlayment (e.g. water heating) and above (e.g. electric foil heating). When heating is used below the underlayment: the R-Value of the underlayment should be as low as possible. When heating is used above the underlayment: the R-Value of the underlayment should be as high as possible.

In general, the thermal resistance of the floor (floor plus underlayment) should not exceed 0.15 m² K/W.

PRODUCT RANGE GUIDE – VINYL

		Vinyl							
Property	Test method	Underlay group 2 - category Polymer or 'mixed' without HDF core							
		Minimum requirements	Maximum requirements	Supreme LVT 1 mm 200 kg/m ³	Supreme Anti-Slip LVT 1 mm 200 kg/m ³ + anti-slip	Supreme LVT 1 mm 300 kg/m ³	Supreme Anti-Slip LVT 1 mm 300 kg/m ³ + anti-slip	Envoy Thermo 1 mm 300 kg/m ³ + film 120µ LDPE	
Punctual conformability 	EN ISO 868	≥0.5 mm		≥0.5	≥0.5	≥0.5	≥0.5	≥0.5	
Compressive strength 	EN 826	≥200 kPa	≥400 kPa	>200	>200	>500	>500	>500	
Compressive creep 	EN 1606	≥10 kPa	≥35 kPa	>15	>15	>50	>50	>50	
Dynamic load resistance (DL25) 	EN 13793	DL25 >10,000 cycles	DL25 >100,000 cycles	>10,000	>10,000	>400,000	>400,000	>400,000	
Dynamic load resistance (DL75) 	EN 13793	DL75 ≥10,000 cycles	DL75 ≥100,000 cycles	>50,000	>50,000	>250,000	>250,000	>250,000	
Resistance to impact by large diameter ball (mm) 	EN 13329	RLB ≥50 cm	RLB ≥120 cm	>1200	>1200	>1200	>1200	>1200	
Thermal resistance 	EN 12667 or EN 12664 at 24° C mean temperature	≥0.03 m ² K/W (see NOTE p.18)		0.022	0.022	0.0145	0.0145	0.0145	
Water vapour diffusion resistance 	EN 12086, method A, at 23° C and 0% to 50% rel. humidity	≥75 m		75	80	89	96	>100	
Impact sound insulation (dB) 	EN ISO 10140-3 and EN ISO 717-2	ΔL _w	≥10 dB	≥18 dB	18	18	21	21	20
		ΔL _{lin}	≥10 dB	≥18 dB	8	8	11	9	9
Reaction to fire 	EN ISO 11925-2 Classification according to EN 13501-1:2007	General building regulations approval (DIBT, Z-158.10-79)		Efl	Efl	Efl	Efl	Efl	
Emission of volatile organic compounds (VOCs)	EN ISO 16000-9	General building regulations approval (DIBT, Z-158.10-79)							
Area weight AW				200	230	300	330	410	

NOTE: Many floors are suitable for use on floor heating systems. A distinction is made between the installation of the heating below the underlayment (e.g. water heating) and above (e.g. electric foil heating). In order to work efficiently and economically, in the first case (heating below the underlayment) the R-value of the underlayment should be as low as possible. In the second case (heating above the underlayment) the R-value of the underlayment should be as high as possible. This enables the heating system to work efficiently and economically. In general, the thermal resistance of the floor (floor plus underlayment) should not exceed 0.15 m² K/W.

**TAILOR
MADE
UNDERLAY
SOLUTIONS**

With the Envoy Flooring range, Abriso Jiffy is on a mission to exceed your expectations in every possible way. From standard personalisation to a completely bespoke offering, our R&D and commercial team are always on hand to talk through your needs, whatever they may be.

With more than 50 years' experience in extruded polyethylene (PE), polypropylene (PP) and polystyrene (PS), and as supplier of the widest range of protective packaging and insulation products in Europe, we have the know-how you need to provide the tailored products, service and support you expect.

Talk to our team today: underlay@abrisojiffy.com

READY TO HELP THROUGHOUT EUROPE

UNITED KINGDOM

POLAND OLSZYNA

BELGIUM ANZEGEM

POLAND GLIWICE

IRELAND

BELGIUM WELLEN

ROMANIA

SLOVAKIA

FRANCE



WE CREATE. WE SUSTAIN. WE PROTECT.



TALK TO OUR TEAM TODAY

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