SCREED UNDERLAYS & SIDE STRIPS

Reduce the impact of contact sound



WE CREATE. WE SUSTAIN. WE PROTECT.

abrisojiffy.com

A STRONG PARTNER IN SCREED UNDERLAYS

What's better than coming home after the hustle and bustle of a busy day and just enjoying the silence? Silence can make us drift away and relax.

For years, Abriso Jiffy has invested in the research of screed underlays, measuring how this material can reduce impact sound.

How does it work?

Contact sounds are created by sound vibrations transmitted through structures of a building to other spaces. For example, it could be footsteps, objects falling to the ground, or moving chairs.

To reduce the effect of contact sounds, contractors and architects work with a floating screed which is placed on top of an acoustic underlay with side strips. This way, the screed is never in contact with the underlying filling layer and the vibrations are absorbed by the acoustic underlay and side strips.

Basically, the better the vibrations are absorbed, the less they are transmitted and the quieter it is in the building.

Choosing the right product is crucial to achieve this zen-like audibility. At Abriso Jiffy, we are only too happy to help.

SUSTAINABLE & RESPONSIBLE

In addition to working as soundproofing, screed underlays also have an insulating and thermal function. As a company, Abriso Jiffy is committed to sustainability, so it is important that we extend this to our products. That's why we invest in making sure that they are 100% recyclable.

than 25.000 tonnes of CO₂.

sustainable world.



Last year we recovered 15,000 tonnes of waste and saved more

With Abriso Jiffy's screed underlays and Acoustic Side Strips, you can help create sustainable buildings and play your part towards a

CERTIFIED REASSURANCE

It goes without saying that Abriso Jiffy products have all the necessary measurement reports. To ensure this, we work closely with Buildwise, the former Scientific and Technical Construction Centre - WTCB.

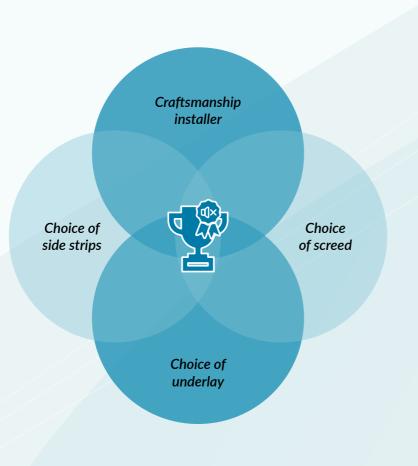
Buildwise is where the building industry looks to for innovation and is trusted by professionals such as architects and contractors. We're delighted that WTCB reports provide an independent viewpoint into the special performance of our range. See for yourself and make a calibrated comparison between the different products.

Making the right combination

Naturally, the right combination of screed, screed underlay and acoustic side strip will lead to the best results for your building project.

We are pleased to be able to serve you these from our 17 factories spread across Europe.

Buildwise



KNOCK, KNOCK, KNOCKIN' ON NEIGHBOUR'S DOOR



If you want peace and quiet to be enjoyed in your building, then installing the right screed underlay is a must.

Many underestimate the impact of contact sound. After all, nobody likes to be woken up by a falling object on the floor above. Or to be disturbed during a conversation or television programme by the footsteps of an upstairs neighbour.

Studies by various acoustic agencies show that the correct installation of a floating screed is vital for a higher and more performant dB improvement index.

So, Abriso Jiffy offers not only screed underlays but also a variety of Acoustic Side Strips. These allow architects and contractors to discover the optimal solution for every construction project.

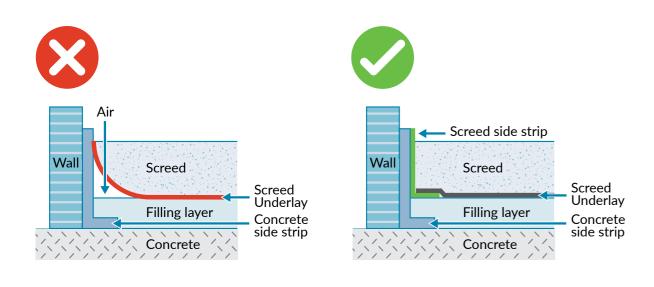


MAKING THE RIGHT CONNECTION

When installing side strips and screed underlays, ensure you never make contact with the underlying layers. Correct installation is crucial. Afterwards, the mistake cannot be rectified.

This is why we always recommend using both the right acoustic underlay and the right side strip. If you fold the underlay against the upright wall, you risk creating a cavity that will not reduce sound vibrations but actually stimulate them.

To avoid this, always work with the prescribed acoustic underlay. Place your side strip first and let your acoustic underlay connect flush. That way, everyone can enjoy your craftsmanship in silence for years to come.





COMMERCIAL OVERVIEW

Acoustic reduction Image: Constant of the second of the
Abrifiber® 9 mmAbrifiber® 7 mmFOAM® 4x2 mmREFLEX® 2x3 mmFOAM® 5 mmImage: Abrifiber® 9 mmImage: Abrifiber® 7
ALw = 36dB'ALw = 35dB'ALw = 27dB'ALw = 23dB'ALw = 21dB'Thickness9 mm7 mm4 x 2 mm (8 mm)> 2 x 3 mm (6 mm)5 mmAcoustic reductionIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Thickness9 mm7 mm4 x 2 mm (8 mm)> 2 x 3 mm (6 mm)5 mmAcoustic reductionIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Acoustic reduction Image: Constant of the second of the
Quality Image: Compatible with underfloor Image: Compatible with underfloor Image: Compatible with underfloor Image: Compatible with underfloor
Compatible with underfloor
with underfloor
Overlap 🗸 🗸 🏑 🗸
100% recyclable 🗸 🗸 🗸 🗸
Waterproof Vaterproof Vater
Print Product name Cutting lines Cutting lines Cutting lines
WTCB-report (BUILDWISE)
Budget $\in \in \in$ $\in \in \in$ $\in \in$ $\in \in$ \in
Private label ** N/A 🖌 🗸 🏑
CLASS A&B A&B C C C

[•] The dB value depends on the structure of the filling layer and the screed. All necessary reports available on request. ^{••} Interested in your own private label product? Request your quotation: building@abrisojiffy.com

UNDERFLOOR HEATING:

When you opt for underfloor heating, you also need to consider the right materials and screed underlays. There are different ways to install underfloor heating. Check the installation instructions for each product.

Unlike many other underlays, the Acoustic Abrifiber 9 mm can be perforated through the mat in the insulating mortar without acoustic consequences.

ACOUSTIC **ABRIFIBER 9 mm (36dB)**

The champion of contact sound insulation

The Acoustic Abrifiber 9 mm is a 3-part acoustic underlay that provides ultimate sound reduction of impact noise and contact sounds between building floors.

Thanks to its unique 3-part layer system, including a felt layer, the Acoustic Abrifiber 9 mm easily overachieves on the strictest requirements of the current standard NBN S01-400-1 for residential buildings. The 50 mm overlap ensures full acoustic damping.

Also, the Acoustic Abrifiber 9 mm achieves an improvement index of 36dB with a foam concrete infill laver and 33dB with an insulation mortar infill laver. Unlike many other underlays, this 9 mm underlay is suitable for floor heating.

Last but not least, the Acoustic Abrifiber 9 mm can be perforated without acoustic consequences, when installing floor heating. You get the best of both worlds.



Best dB reduction Performance

Brand

Overlap



Damp-proof



Installation

Correct installation of acoustic underlays and side strips is very important to achieve 100% acoustic results. Our range of Acoustic Strips should be used for vertical installation against walls. Acoustic Abrifiber 9 mm should never be folded up against standing walls.

For optimal results, it is important that there are no seams between the connecting felt layers. The Acoustic Abrifiber 9 mm must always be laid with the provided overlap of 50 mm.

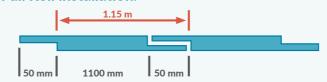
The screed is laid floating, so place our acoustic strip solutions in contact with Abrifiber 9 mm between the screed and the wall or against any other vertical connection to the floor.

Please ask for the installation instructions for this product.

Benefits:

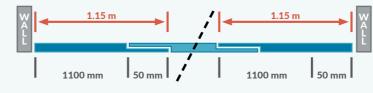
- Ultimate acoustic damping up to 36dB
- Can be perforated by use of floor heating
- Overlap for full coverage
- Meets the most stringent requirements
- Easy to install
- Tested by Buildwise (WTCB)

Full Roll installation:



Edge/Wall installation:

Cut off overlap for full coverage against the wall.



Sizes

Acoustic Abrifiber 9 mm is available in rolls of 30 m and a width of 1.15 m with an overlap of 50 mm.





Additional products









Vapour barrier tape

Rolls 30 m Width 1.15 m



ACOUSTIC **ABRIFIBER 7 mm (35dB)**

Thin and ultra quiet. Enjoy the acoustic comfort of silence.

The Acoustic Abrifiber 7 mm is a 3-piece acoustic underlay that provides the ultimate in contact sound reduction.

Despite its reduced thickness of only 7 mm, the Acoustic Abrifiber 7 mm achieves acoustic improvement. And with this product, the felt layer provides extra added value. This bottom layer ensures ultimate sound vibration absorption.

The good news is this underlay product is both easy to install and process. Use with a floating screed to achieve maximum and effective sound absorption. Sufficient attention should always be paid to the 100 mm overlap.

Thanks to the careful composition of its three layers, Acoustic Abrifiber 7 mm achieves an improvement index of 35dB for a foam concrete infill layer and 32dB for an insulation mortar infill layer. The Acoustic Abrifiber 7 mm scores particularly highly within the current standard NBN S01-400-1 for residential buildings.



Brand

Performance Best dB reduction



Overlap

Damp-proof

Installation

Correct installation of acoustic underlays and side strips is very important to achieve 100% acoustic results.

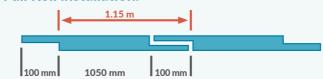
For an optimal result, make sure that there are no seams between the connecting felt layers. Acoustic Abrifiber 7 mm should always be installed with an overlap of 100 mm.

Place our side strips against the wall and against any other vertical connection to the floor so that the screed has no direct contact with the infill layer. This way you will correctly install your floating screed.

Benefits:

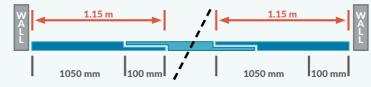
- Ultimate acoustic reduction up to 35dB
- Overlap for full coverage
- Meets the most stringent requirements
- Easy to install and process
- Tested by Buildwise (WTCB)

Full Roll installation:



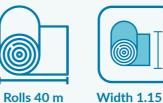
Edge/Wall installation:

Cut off overlap for full coverage against the wall.



Sizes

Acoustic Abrifiber 7 mm is available in rolls of 40 m and a width of 1.15 m with an overlap of 100 mm.





Corner profiles

Additional products



Side

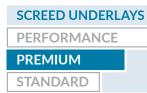
Strips

Vapour barrier tape

10

Width 1.15 m





ACOUSTIC FOAM® 4x2 mm 25 KG/M³ (27dB)

More layers for less sound.

This screed underlay is an extruded polyethylene foam (PE) composed of 4 laminated layers of 2 mm (alternating green/white) in a density of 25 kg/m³. This achieves a value of 27dB.

Thanks to the printed top with cutting lines, you can proceed carefully for optimal installation. The Acoustic Foam[®] 4x2 mm has an overlap of 100 mm.

The Acoustic Foam[®] 4x2 mm can be used in combination with floor heating. As the underlay cannot be perforated, it is advisable to lay the floor heating pipes in a flexible structured floating membrane.



Budget-friendly



Water-repellent



Overlap

Premium

dB reduction

Recycable

Grid lines



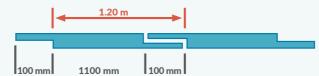
The Acoustic Foam[®] 4x2 mm 25 kg should always be placed with an overlap of 100 mm. Correct placement of acoustic underlays and side strips is very important to achieve 100% acoustic results.

Always ensure correct installation of your floating screed. Place our side strips against the wall and against any other vertical connection to the floor without the screed coming into contact with the filling layer.

Benefits:

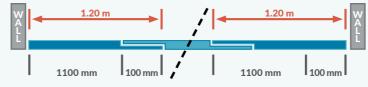
- Acoustic reduction (27dB)
- Printing with cutting lines
- Budget-friendly
- Overlap for full coverage
- Water repellent
- Light and easy to process
- 100% recyclable
- Tested by Buildwise (WTCB)

Full Roll installation:



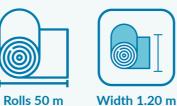
Edge/Wall installation:

Cut off overlap for full coverage against the wall.



Sizes

Acoustic Foam[®] 4x2 mm 25 kg is available in rolls of 50 m and a width of 1.20 m with an overlap of 100 mm.



Additional products





Side

Strips

Vapour barrier tape

Corner profiles

12







ACOUSTIC REFLEX® 2x3 mm 35 KG/M³ (23dB)

The right reflex on solving limited height

The Acoustic Reflex[®] 2x3 mm has a thickness of 6 mm consisting of two laminated layers of extruded polyethylene foam (grey at the bottom and white at the top) of 3 mm each in a density of 35 kg/m³ and comes printed with its brand name.

When the height of the infill layer or screed is limited, Acoustic Reflex[®] 2x3 mm offers the perfect solution. With a thickness of only 6 mm, this budget-friendly alternative achieves a value of up to 23dB. The product also features a 100 mm overlap.

The material used is rot-proof and resistant to moisture, water vapour and has a high chemical resistance.

Acoustic Reflex[®] 2x3 mm can also be used in combination with floor heating. As the underlay cannot be perforated, it is advisable to lay the floor heating pipes in a flexible structured floating membrane.



Budget-friendly



Medium dB

reduction

Grid lines



Recycable

Installation

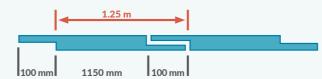
Place our side strips against the wall and against any other vertical connection to the floor so that the screed does not have direct contact with the infill layer.

The Acoustic Reflex[®] 2x3 mm should always be placed with an overlap of 100 mm. Correct installation of acoustic underlays and side strips is very important to achieve 100% acoustic results.

Benefits:

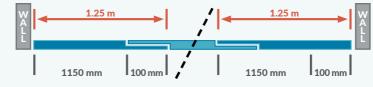
- Acoustic reduction (23dB)
- Limited thickness
- Budget-friendly
- Overlap for full coverage
- Water repellent
- Light and easy to process
- 100% recyclable
- Tested by Buildwise (WTCB)

Full Roll installation:



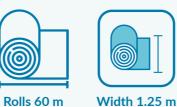
Edge/Wall installation:

Cut off overlap for full coverage against the wall.



Sizes

Acoustic Reflex[®] 2x3 mm 35 kg/m³ is available in rolls of 60 m and a width of 1.25 m with an overlap of 100 mm.



Additional products



Corner

profiles



Side

Strips



Vapour barrier tape



SCREED UNDERLAYS PERFORMANCE PREMIUM STANDARD

ACOUSTIC FOAM® 5 mm 35 KG/M³ (21dB)

The narrow material with impressive performance

The narrow Acoustic Foam[®] 5-35 is ideally suited for solid impact sound insulation between load-bearing and floating floors with limited height.

This product is mainly used if the height of the floor construction is very limited. In such cases, every millimetre counts. As this product consists of only 1 layer of 5 mm extruded polyethylene foam (PE), it provides a workable solution for these situations.

It is possible to use Acoustic Foam[®] 5-35 in combination with underfloor heating. In this case, we recommend installing the heating on top of the Acoustic Foam[®] 5-35. The underfloor heating pipes are held in a flexible textured membrane intended to be installed floating. The Acoustic Foam® 5-35 should not be punctured during installation.



TOP Budgetfriendly

dB reduction



Installation

Correct placement of acoustic underlays and side strips is very important to achieve 100% acoustic results.

The Acoustic Foam[®] 5-35 is placed contiguously without overlap. It is recommended to bond the strips with vapour-proof tape.

For best results, your screed is laid floating, therefore place our side strips against the wall and against any other vertical connection to the floor so that the screed has no direct contact with the backfill layer or concrete.

Benefits:

- Very limited thickness, only 5 mm
- Budget-friendly
- Acoustic reduction (21dB)
- Light and easy to process
- 100% recyclable
- Tested by Buildwise (WTCB)

Additional products



Corner

profiles



Side

Strips

Vapour barrier tape

Sizes

Acoustic Foam[®] 5 mm 35 kg is available on rolls of 100 m and a width of 1.25 m





Rolls 100 m

Width 1.25 m

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ACOUSTIC SIDE STRIPS

Whatever your preference, we stand by your side

The correct installation of side strips is crucial for the dB rating of your project. At Abriso Jiffy we are proud to offer our high-performance Acoustic Strip. Our side strips play an important role in the overall contact sound reduction. They consist of extruded polyethylene foam (PE) with closed cells which makes them also resistant to moisture - perfect for all kinds of jobs.

Standard acoustic side strips

Acoustic Strip 2x2 25









Roll length Height 200 mm -50 m 300 mm





Thickness

4 mm

This side strip has an additional incision at the back. This half-cut incision to half thickness allows the Acoustic Strip 2x2 25-C to fit even better against the wall.

Roll length

50 m



Height

200 mm-

300 mm



Incision

At the back

Thickness 4 mm

Height 200 mm -

Benefits:

Thickness

4 mm

- Thin only 4 mm
- Smooth and easy to process
- 100% recyclable
- Easy to cut
- Budget-friendly
- Light material
- Moisture-resistant

	Thickness	Height	Roll length	Incision at
	(mm)	(mm)	(m)	the back
Acoustic Strip 2x2-25 200	4	200	50	
Acoustic Strip 2x2-25 300	4	300	50	
Acoustic Strip 2x2-25-C 200	4	200	50	
Acoustic Strip 2x2-25-C 300	4	300	50	
Acoustic Strip 2x2-35-C 200	4	200	50	 Image: A set of the set of the
Acoustic Strip 2x2-35-C 300	4	300	50	 Image: A set of the set of the

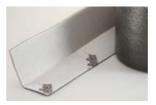
Installation

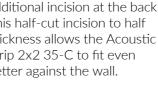
First place the Acoustic Strips against the upstanding wall or around pipes or tubes. Only then install the screed underlay. Place half of the standard Acoustic Strip under the acoustic underlay. This prevents the final screed from getting into contact with the underlying filling layer or concrete layer.

It is generally prescribed that your side strip should be at least 20 mm above the floor finish. Before installing the skirting boards, the visible part should be cut off.



Acoustic Strip 2x2 35-C







300 mm





Important

In some countries there are upcoming guidelines about side strips, where it is required that a side strip should start at the concrete.

In total two side strips will be placed, one for the filling underlay and one for the screed.

ACOUSTIC CUSTOM STRIPS

Save time and money with our customisable options

Customise your side strips in just two steps with our Acoustic Custom Strip.



STEP 1: Choose your roll

- Low or high side strips
- Thickness
- Roll length

Choose the right height:

Low side strips vary between 100 mm and 150 mm. These heights are usually used for domestic homes.

Available heights:

• 100 mm • 120 mm • 150 mm

High side strips vary between 200 mm and 300 mm. These heights are often used in industrial buildings and apartments.

Available heights:

• 200 mm • 250 mm • 300 mm



STEP 2: Choose your options

- 1. Tear off slits:
 - Easily tear off the remaining visible part of the side strip
 - Avoid the additional handling of cutting off remaining parts

2. Back glue strip:

- Keep your side strip in place against the upright wall
- Avoid the additional handling of spraying glue

3. Protective flap without glue strip:

- Avoid leakage of screed to the underlying filling layer
- Avoid the additional handling of installing a moisture membrane

4. Protective flap with glue strip:

- Avoid leakage of screed to the underlying filling layer
- Avoid the additional handling of installing a moisture membrane
- Make sure the flap doesn't move during installation of the screed

5. Half-cut incision at the back:

• Fit the side strip better against the wall

STEP 1			STEP 2				
Cho	Choose your roll		Option 1	Option 2	Option 3	Option 4	Option 5
Height (mm)	Thickness (mm)	Roll length	Tear off slits	Back glue strip	Protective flap without glue strip	Protective flap with glue strip	Incision at the back
Low side strips: 100 mm 120 mm 150 mm High side strips: 200 mm: 250 mm 300 mm	5 8 10	5 mm: 50 m 8 mm: 50 m 10 mm: 25 m	Easily tear off the remaining visible part of the side strip	Keep your side strip in place against the upright wall	Avoid leakage of screed to the underlying filling layer	Avoid leakage of screed to the underlying filling layer	Fit the side strip better against the wall

Popular choices:



General benefits:

- Smooth and easy to process
- Budget-friendly

- Lightweight material
- 100% recyclable



Acoustic Custom REGULAR



Acoustic Custom PREMIUM



Acoustic Custom DELUX

Want more? We can make it for you!

Whether you need larger or smaller side strips, or your own company colour, everything is possible. Contact us for a tailor-made quotation.

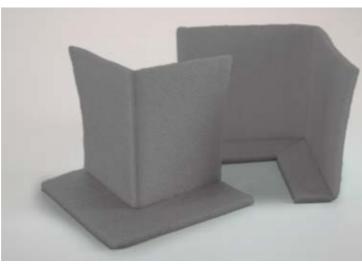
ACOUSTIC FOAM CORNER

Don't waste time. The solution is just around the corner!

To save money and to secure a perfect installation, Abriso Jiffy has designed the Acoustic Foam[®] Corners. Using the **Acoustic Foam[®] corner 3x2-25** (Green) or the **Acoustic Foam[®] corner 3x2-35** (Grey), you can easily avoid gabs and minimalise the risk of your screed touching the underlying filling layer or concrete layer.

Both corner profiles are available for both interior and exterior corners.





PE EXPANSION JOINT WITH ADHESIVE STRIP

ExpaFlex is a T-shaped profile and acts as an expansion joint. It avoids large screed surfaces from cracking or fracturing.

Since the ExpaFlex is made of elastic polyethylene foam (PE), this profile is easy to cut into the right size. The self-adhesive strip on the base ensures smooth and stable installation.

ExpaFlex is mainly used to interrupt large screed surfaces or at doorways.

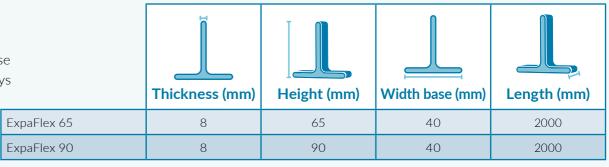
Benefits:

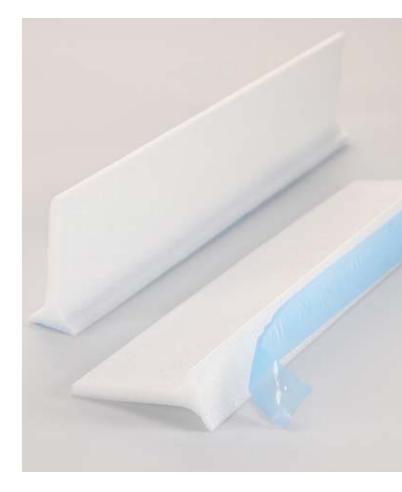
- Time saving
- Inner and outer corners
- Smooth and easy to process
- 100% recyclable

S	Thickness (mm)	Height (mm)	Length / Width (mm)
Acoustic Foam Corner	6	160	175 x 175

Benefits:

- Easy to cut
- Self-adhesive base
- Ideal for doorways



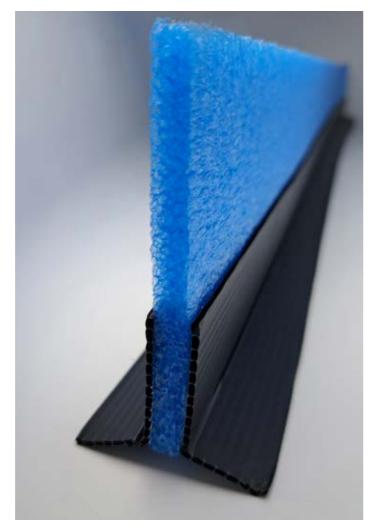




The ExpaStand is an 8 mm polyethylene foam (PE) expansion joint held by a strong PP hollow chamber foot. The solid base allows the screed surface to be separated in a straight line.

The low solid base enables easy cutting of the joint profile after curing the screed layer.

Abiso Jiffy resolutely opts for ease of use with the unique ExpaStand.



Benefits:

• Sturdy self-adhesive base

- Easy to cut
- Ultra strong



ABRIFROST8

Never leaves you out in the cold

Frost and freezing temperatures are one of the biggest enemies of water-based coatings such as screed and concrete. Failure to adequately protect during a cold period can lead to a weakened concrete.

To ensure that your works are protected, Abriso Jiffy has designed the AbriFrost8, a specially developed extruded polyethylene foam (PE) frost mat product of 8 mm, produced without the use of CFCs/HCFCs.

Polyethylene (PE) is known to be insulating, but most importantly it is also moisture-resistant which means it does not stick to concrete either. At 8 mm thick, it is sturdy and will not easily tear.

The frost-resistant and insulating properties of our AbriFrost 8 are guaranteed to protect your waterproofing layers during cold days.

Benefits:

- Frost-resistant
- Water-repellent
- Solid
- Light and easy to install
- 100% recyclable

Sizes

AbriFrost8 is available in rolls of 50 m that are 1.50 m wide.



SCREED UNDERLAYS

NEW	PERFORMANCE		PREMIUM		STANDARD	
TECHNICAL OVERVIEW!	Acoustic Abrifiber® 9 mm	Acoustic Abrifiber® 7 mm	Acoustic FOAM® 4x2 mm	Acoustic REFLEX [®] 2x3 mm	Acoustic Foam® 5 mm	
	Statistic agen	ROBBECCE Abrilliole Tenn		Accurric Reflex		
	ΔLw = 36dB*	∆Lw = 35dB*	∆Lw = 27dB*	∆Lw = 23dB*	∆Lw = 21dB*	
WTCB-report (BUILDWISE)	DE 631xB445 AC6905	DE-AC-0169 AC-20-057-01-N	DE 74694 AC2821-N	DE 631 x 964 AC3361	DE 74894 AC2820-N	
Thickness	9 mm	7 mm	4 x 2 mm (8 mm)	2 x 3 mm (6 mm)	5 mm	
Print	Product name	Cutting lines	Cutting lines	Cutting lines		
Private label		 Image: A start of the start of	 Image: A set of the set of the	 Image: A set of the set of the	✓	
Density	46 kg/m³	49 kg/m³	25 kg/m³	35 kg/m³	35 kg/m³	
Sizes	1.20 m x 30 m + overlap 50 mm	1.15/40 m + overlap 100 mm	1.25/50 m + overlap 100 mm	1.25/60 m + overlap 100 mm	1.25/100 m	
Colour	Aluminum / White	White	Green / White	Grey / White	White	
Structure	Flat	Flat	Flat	Flat	Flat	
∆-value	0.035 W/m/°K	0.035 W/m/°K	0.0482 W/m/°K	0.0381 W/m/°K	0.045 W/m/°K	
Compression	0.003 MPa according to EN 826 (10% deformation)	0.003 MPa according to EN 826 (10% deformation)	0.085 MPa according to EN 826 (50% deformation)	0.085 MPa according to EN 826 (50% deformation)	0.011 MPa according to EN 826 (10% deformation)	
Dynamic rigidity	5 MN/m ³ NBN EN 29052-1	5 MN/m ³ NBN EN 29052-1	24 Mn/m ³ DIN 52214	42 Mn/m ³ DIN 52214	23 Mn/m ³ NBN EN 29052-1	
Elasticity	 Image: A start of the start of	 Image: A start of the start of	✓	✓	✓	
Chemical inertia	 Image: A start of the start of	✓	✓	✓	✓	
HCFK-free	 Image: A set of the set of the	 Image: A second s	✓	✓	✓	
Class**	A & B	A & B	С	С	С	





We can make it for you!

Want more? No problem. As a leading manufacturer, Abriso Jiffy can meet all customer needs. From larger or smaller side strips, to your own brand colour, or company name on our products, we can make your request a reality.

Under the motto "We can make it for you!", we're proud to show our flexibility.

Email us for a tailor-made quotation at building@abrisojiffy.com

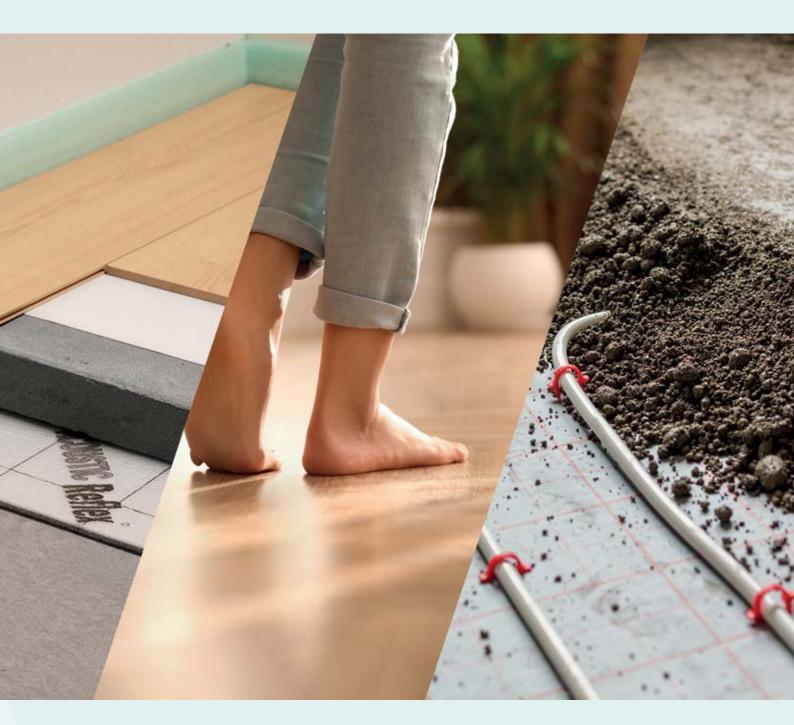
WE'RE WALKING DOWN THE SCREED, AND YOU JUST CAN'T GET ENOUGH



* The dB value depends on the structure of the filling layer and the screed. All necessary reports available on request.

** Norm NBN S01-400-1:2022 (technical description 281)





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