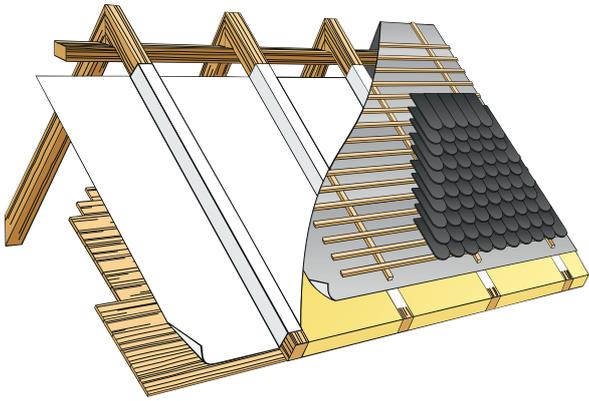
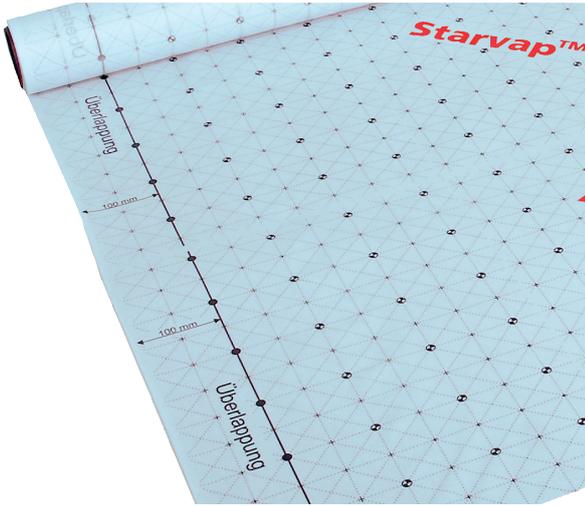


starvap

**Air and water-vapour
sealing system**

atravis



Starvap™ D2

Starvap™ D2 is an airtight, highly diffusive and very sturdy vapour barrier for roof extensions in accordance with the latest EnEV guidelines. Starvap™ D2 is used in constructions where a permeable vapour barrier is required and is able to be employed in new build and renovated roofs.

For a healthy living environment

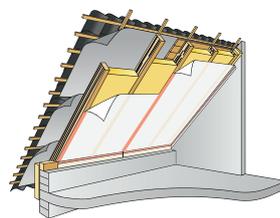
- Permits the creation of an airtight building envelope and as a result prevents draughts occurring in a house
- Its moisture-regulating properties promote the drying-out of a thermally-insulated roof space in summer as well as protecting from condensation in winter
- Supports energy efficiency and prevents uncontrolled heat loss

Easily worked

- Printed grid marking enables easier cutting to size
- Simple laying as a result of indicated overlapping marking
- Resistant and non-tearing thanks to fleece reinforcement
- Easy laying by means of flexible material properties

Technical data

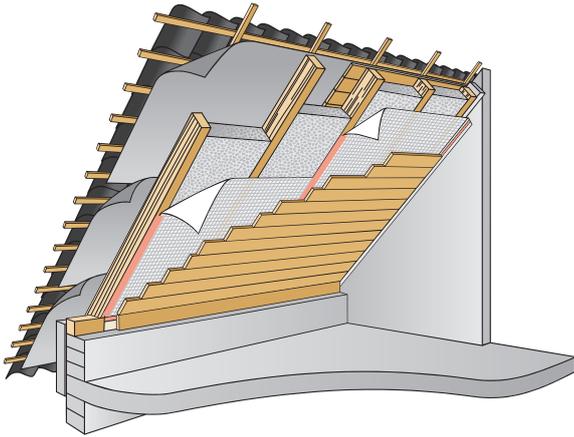
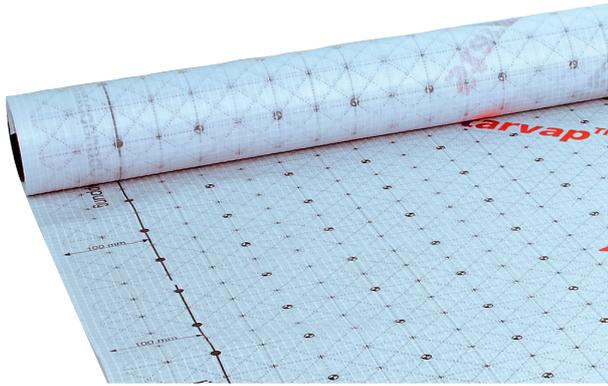
Colour	blue
CE-mark	CE certified
Reaction to fire, freely suspended	E
Diffusion-equivalent air-layer thickness	2 m
Waterproofing	passed
Air permeability	airtight
Maximum tensile strength (stretching)	
lengthwise	≥ 85 N/50mm
diagonally	≥ 55 N/50mm
Temperature resistance	-20°C bis + 80°C
Resistant to aging	> 20 years
Storage maximum	2 years
Storage	dry, +10 °C bis +25 °C protect from exposure to sunlight



No.				
039350	1500 mm	x 25 m	1	60
027018	1500 mm	x 50 m	1	60

INTERIOR

Other versions on request.



Starvap™ D2 plus

Starvap™ D2 is an airtight, highly diffusive and very sturdy vapour barrier for roof extensions in accordance with the latest EnEV guidelines. Starvap™ D2 is used in constructions where a permeable vapour barrier is required and is able to be employed in new build and renovated roofs. Thanks to its reinforcement, it is particularly resistant to tearing and is outstandingly suitable for injected cellulose thermal insulation. Thanks to its increased UV stability, Starvap™ D2 plus has additional protection from premature aging in exposed places.

For a healthy living environment

- | Permits the creation of an airtight building envelope and as a result prevents draughts occurring in a house
- | Supports energy efficiency and prevents uncontrolled heat loss
- | Its moisture-regulating properties promote the drying-out of a thermally-insulated roof space in summer as well as protecting from condensation in winter

Easily worked

- | Printed grid marking enables easier cutting to size
- | Simple laying as a result of indicated overlapping marking
- | With reinforcement grid
- | Very high tensile strength and form stability
- | Particularly suitable for cavity wall insulation
- | Easy laying by means of flexible material properties
- | Increased UV stability

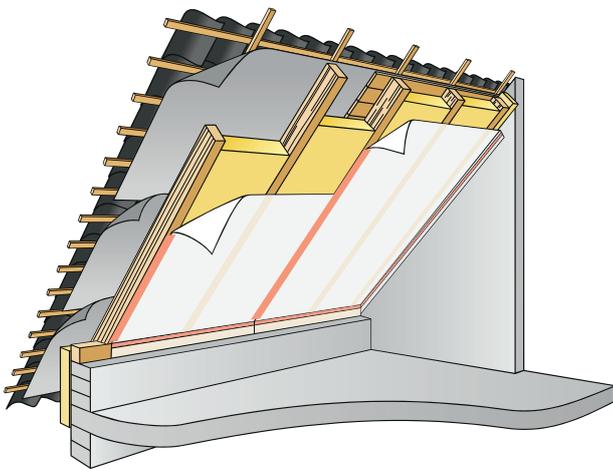
Technical data

Colour	blue
CE-mark	CE certified
Reaction to fire, freely suspended	E
Diffusion-equivalent air-layer thickness	2 m
Waterproofing	passed
Air permeability	airtight
Maximum tensile strength (stretching)	
lengthwise	≥ 330 N/50mm
diagonally	≥ 250 N/50mm
Temperature resistance	-20°C bis + 80°C
Resistant to aging	> 20 years
Storage maximum	2 years
Storage	dry, +10 °C bis +25 °C protect from exposure to sunlight

INTERIOR

No.		
039351	1500mm x 25 m	1 60
027091	1500mm x 50 m	1 60

Other versions on request.



Technical data

Colour	2 m / 3 m	white
	4 m	blue
CE-mark	CE certified	
Reaction to fire, freely suspended	E	
Diffusion-equivalent air-layer thickness	100m	
Waterproofing	passed	
Air permeability	airtight	
Maximum tensile strength (stretching)	lengthwise	≥ 130 N/50mm
	diagonally	≥ 100 N/50mm
Temperature resistance	-20°C bis + 80°C	
Resistant to aging	> 20 years	
Storage maximum	2 years	
Storage	dry, +10 °C bis +25 °C	
	protect from exposure to sunlight	

INTERIOR

Starvap™ 100

An extra strong vapour barrier for professionals with its increased diffusion resistance and outstanding physical properties. Thanks to its high tensile strength and puncture resistance, it proves particularly useful for laying in a busy building site environment. Starvap™ 100 is geared to the requirements of residential developments and is able to be employed both in new builds and in renovation work.

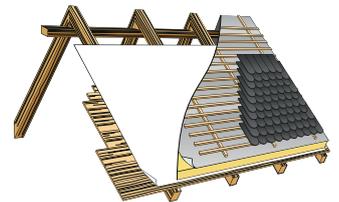
For a healthy living environment

- Permits the creation of an airtight building envelope and as a result prevents draughts occurring in a house
- Prevents the penetration of interior humidity into the heat insulation
- Supports energy efficiency and prevents uncontrolled heat loss

Easily worked

- Very flexible for simple laying
- High tensile strength and resistance
- Flexible when cold and resistant to aging

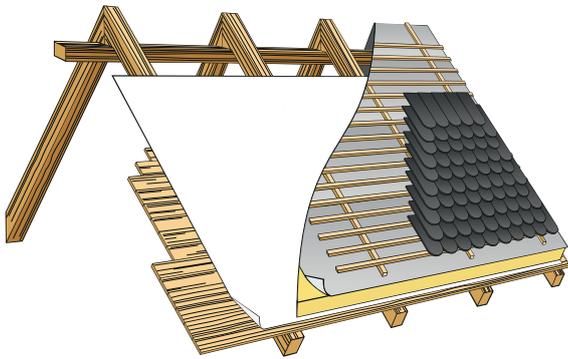
Can also be laid as a membrane between a cast plaster floor and parquet.



No.			
022777*	1000/2000 mm x 15 m	1	75
019173	1000/2000 mm x 50 m	1	32
019172	1500/3000 mm x 33,3 m	1	32
027211*	1150/4000 mm x 25 m	1	60

*available on request – minimum order quantity on request

Other versions on request.



Starvap™ 100 ribbed

A standard vapour barrier with a non-slip surface and increased diffusion resistance. It is geared to the requirements of residential developments and is able to be employed both in new builds and in renovation work. Its granular surface structure is ideal for laying on over-rafter insulating systems.

For a healthy living environment

- ▮ Permits the creation of an airtight building envelope and as a result prevents draughts occurring in a house
- ▮ Prevents the penetration of interior humidity into the heat insulation
- ▮ Supports energy efficiency and prevents uncontrolled heat loss

Easily worked

- ▮ Safe to walk upon, due to its granular structure
- ▮ High tensile strength and resistance
- ▮ Flexible when cold and resistant to aging

Technical data

Colour	white
Reaction to fire, freely suspended	E
Diffusion-equivalent air-layer thickness	100 m
Waterproofing	passed
Air permeability	airtight
Maximum tensile strength (stretching)	
lengthwise	≥ 140 N/50mm
diagonally	≥ 120 N/50mm
Temperature resistance	-20°C bis + 80°C
Resistant to aging	> 20 years
Storage maximum	2 years
Storage	dry, +10 °C bis +25 °C
	protect from exposure to sunlight

INTERIOR

No.



019703 1000/2000mm x 50 m

1 25

Other versions on request.

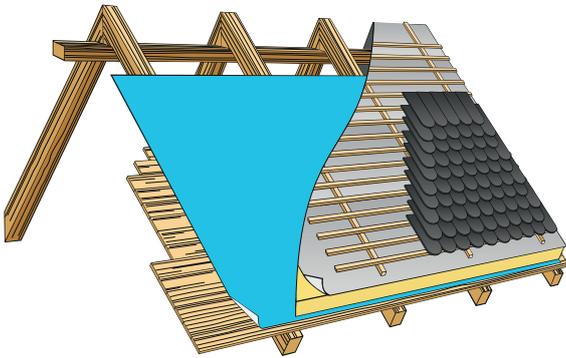


Starvap™ 100 fric

Our extra strong vapour barrier for the professional with increased diffusion resistance, outstanding mechanical properties and a very rough surface for maximum safety when walked upon.

Its high tear and penetration resistance, plus its anti-slip coating have proven their worth particularly in the everyday rough and tumble of a building site.

Starvap™ 100 fric can be employed on new builds and in renovation work and is particularly suitable for use as over-rafter insulation systems on roof lagging, underlays or tiles.



For a healthy living environment

- ▮ Permits the creation of an airtight building envelope and as a result prevents draughts occurring in a house
- ▮ Prevents the penetration of interior humidity into heat insulation
- ▮ Supports energy efficiency and prevents uncontrolled heat loss

Easily worked

- ▮ Offers a very high degree of surefootedness
- ▮ High tensile strength and resistance
- ▮ Flexible when cold and resistant to aging

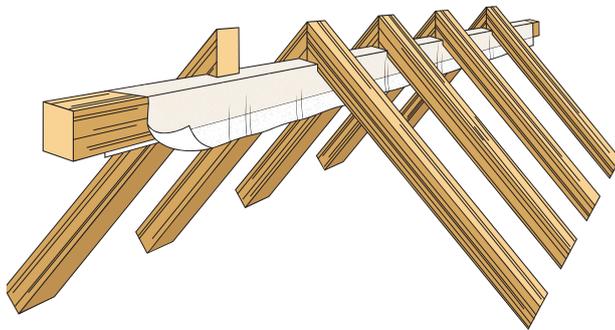
Technical data

Colour	translucent blue
CE-mark	CE certified
Reaction to fire, freely suspended	E
Diffusion-equivalent air-layer thickness	100m
Waterproofing	passed
Air permeability	airtight
Maximum tensile strength (stretching)	
lengthwise	≥ 120 N/50mm
diagonally	≥ 100 N/50mm
Temperature resistance	-20°C bis + 80°C
Resistant to aging	> 20 years
Storage maximum	2 years
Storage	dry, +10 °C bis +25 °C protect from exposure to sunlight

INTERIOR

No.				
031565	3000mm	x 33,0 m	1	36
031566	2000mm	x 50,0 m	1	24

Other versions on request.



Starvap™ 100 PAB

Startape™ 100 PAB roof-beam junction strip is a 570 mm-wide vapour barrier for professionals featuring increased diffusion resistance, excellent mechanical properties and a very rough surface for maximum foot grip even in wet situations. Based on the tried-and-tested Startape™ 100 fric technology, this 570 mm-wide strip is laid over the ridge beam or centre purlin when insulating the intermediate roof beams. Startape™ 100 PAB is transparent and allows detection of markings or tears through the film. Startape™ 100 PAB also protects the roof beam against rain during installation. Startape™ 100 PAB can be connected reliably, airtight and vapour-tight, to the surface of the vapour barrier using Startape™ VR-60.

- ▮ Easy and safe to lay
- ▮ Protects the roof beam against weathering influences during installation
- ▮ Transparent for optimum visibility
- ▮ Offers maximum foot grip for safety
- ▮ High tear resistance and toughness
- ▮ Flexible when cold and aging-resistant

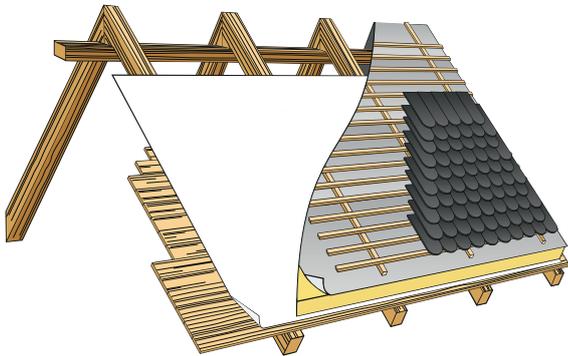
Technical data

Colour	transparent
CE-mark	CE certified
Reaction to fire, freely suspended	F
Diffusion-equivalent air-layer thickness	100 m
Waterproofing	passed
Air permeability	airtight
Maximum tensile strength (stretching)	
lengthwise	≥ 110 N/50mm
diagonally	≥ 90 N/50mm
Temperature resistance	-20°C bis + 80°C
Resistant to aging	> 20 years
Storage maximum	2 years
Storage	dry, +10 °C bis +25 °C
	protect from exposure to sunlight

No.		
039342	570 mm x 25 m	4 48

INTERIOR

Other versions on request.



Starvap™ 100 special

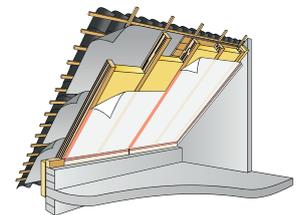
A standard vapour barrier with an increased diffusion resistance that is aligned to the requirements of residential property construction. Starvap 100™ special can be employed both in new builds and in renovation work.

For a healthy living environment

- Permits the creation of an airtight building envelope and as a result prevents draughts occurring in a house
- Prevents the penetration of interior humidity into heat insulation
- Supports energy efficiency and prevents uncontrolled heat loss

Easily worked

- Very flexible for simple laying
- Optimum mechanical properties
- Flexible when cold and resistant to aging



Technical data

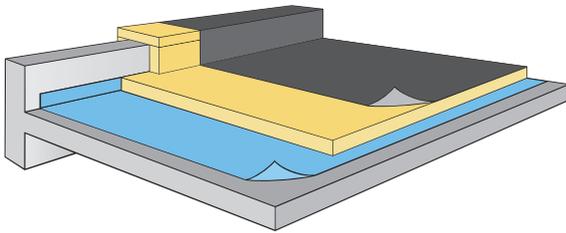
Colour	2 m	white
	4 m	blue
CE-mark	CE certified	
Reaction to fire, freely suspended	E	
Diffusion-equivalent air-layer thickness	100 m	
Waterproofing	passed	
Air permeability	airtight	
Maximum tensile strength (stretching)	lengthwise	≥ 110 N/50mm
	diagonally	≥ 100 N/50mm
Temperature resistance	-20°C bis + 80°C	
Resistant to aging	> 20 years	
Storage maximum	2 years	
Storage	dry, +10 °C bis +25 °C	
	protect from exposure to sunlight	

No.			
016628	1000/2000 mm x 10 m	1	100
016627	1000/2000 mm x 25 m	1	50
043428	1000/2000 mm x 50 m	1	44
041034	1500/3000 mm x 50 m	1	45
026932*	1150/4000 mm x 25 m	1	70

*available on request – minimum order quantity on request

INTERIOR

Other versions on request.



Starvap™ 140

Starvap™ 140 is a vapour block that satisfies heightened building requirements. Our Starvap™ 140 vapour block is particularly suitable for flat-roof constructions or as a contact surface for sub-floor construction.

Its width of 5 m permits a swift laying of big areas and particularly minimizes overlapping and gluing.

Easily worked

- High tensile strength and resistance
- Flexible when cold and resistant to aging
- No flame protection

Technical data

Colour	blue
CE-mark	CE certified
Reaction to fire	F (non-fireproof)
Diffusion-equivalent air-layer thickness	140 m
Waterproofing	passed
Air permeability	airtight
Maximum tensile strength (stretching)	
lengthwise	≥ 200 N/50mm
diagonally	≥ 160 N/50mm
Temperature resistance	-20°C bis + 80°C
Resistant to aging	> 20 years
Storage maximum	2 years
Storage	dry, +10 °C bis +25 °C
	protect from exposure to sunlight

INTERIOR

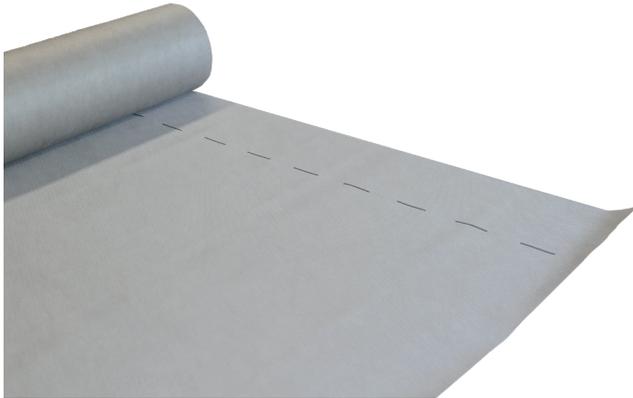
No.



010579 1450/5000 mm x 25 m

1 25

Other versions on request.

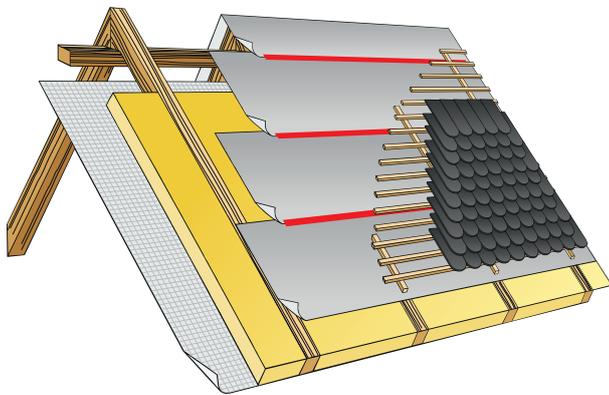


Starroof™ 140

Starroof™ 140 is a highly-permeable, waterproof sub-roof membrane with outstanding material properties. This triple-layer sub-roof membrane is non-tearing, dimensionally stable and non-aging.

Starroof™ 140 complies with the ZVDH product data sheet for class UDB-A sub-layer covering and USB-A underlay strips in accordance with Table 1.

According to the product data sheet for sub-roof membranes Starroof pro is classified as impervious to driving rain (Certificate issued by tech. university Berlin).



- | Extremely tear-resistant
- | Highly diffusive
- | CE certified
- | UDB-A and USB-A in accordance with ZVDH
- | Impervious to driving rain
- | Freely tensionable

Technical data

Base weight	140 gm ² (+/- 10g)
EN 1849-2	
Behaviour when exposed to fire	E
EN ISO 11925, classification according to EN 13501-1	
Diffusion equivalent air layer thickness	
EN 12572/C	0,02 m (-0,01/+0,015 m)
UV stability	6 months natural weathering
Temperature resistance	-20°C - + 80°C

EXTERIOR

No.			
Starroof™ 140, 140 gm²			
039352	1500 mm x 50 m	1	20

Other versions on request.



A large rectangular area with a dotted border, containing several horizontal dotted lines for writing.

Definition of signs



Dimension of the product –
Width folded/Width open x thickness, length



Weight in kg



Sales units



Pallet unit



Pallet weight in kg

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Your distributor: