# Sales Programme 2019







# **New products**

### **Ampatex® Variano 3**

Third-generation moisture-variable vapour check s<sub>d</sub> value: 0,8-60 m.

> Details on page 25



### **Ampatex® Sinco**

Double layer, tear-resistant vapour check and airtight layer with s<sub>d</sub> value of 5 m.

> Details on page 23



### Ampacoll® Fenax 40/60

Vapour edge tape for integration of vapour checks and wood-based materials in unplastered brickwork or concrete.

> Details on page 40



### **Ampatop® Protecta (plus)**

The monolithic roof membrane is now also available in 3 m width.

> Details on page 8





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# **Roof membranes**











### Ampatop® Aero (plus)

### Roof membrane



- > Diffusion-open yet wind-proof
- > Cutting and orientation aid
- > Also suited as wall membrane
- > Ampatop® Aero plus: integrated tapes on both sides

Triple layer, highly tear-resistant roof membrane. PP fleece with coating.

Technical details		
s <sub>d</sub> value		0,04m
Resistance to water penetration		W1
Weight		145g/m²
Fire behaviour		E
Outdoor weathering		3 Months
Minimum roof slope		10°
Tear resistance	longitudinal transverse	240N/5cm 180N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	145 N 185 N
Temperature resistance		-40 to +80°C







Article number	Description	Roll dimensions	Content of pallets
7640115533821	Ampatop® Aero	1,5 m × 50 m = 75 m <sup>2</sup>	28 rolls = 2100 m <sup>2</sup>
7640115534798	Ampatop® Aero plus integrated tapes on both sides	1,5 m × 50 m = 75 m <sup>2</sup>	28 rolls = 2100 m <sup>2</sup>
7640115535818	Ampatop® Aero	3,0 m × 30 m = 90 m <sup>2</sup>	40 rolls = 3600 m <sup>2</sup>
7640115535542	Ampatop® Aero	3,0 m × 50 m = 150 m <sup>2</sup>	28 rolls = 4200 m <sup>2</sup>
7640115535566	Ampatop® Aero plus integrated tapes on both sides	3,0 m × 50 m = 150 m <sup>2</sup>	28 rolls = 4200 m <sup>2</sup>

«The wind-proof layer is as important as the airtight layer in the functionality of the building.»

Magnus Vohn **Export Manager** 

### **Ampatop® Protecta (plus)**

### Roof membrane



- > Diffusion-open yet wind-proof
- > Cutting and orientation aid
- > Monolithic technology
- > Ampatop® Protecta plus: integrated tapes on both sides

Triple layer, highly tear-resistant roof membrane. Monolithic technology

Technical details		
s <sub>d</sub> value		0,1m
Resistance to water penetration		W1
Weight		190g/m²
Fire behaviour		E
Outdoor weathering		3 months
Minimum roof slope		10°
Tear resistance	longitudinal transverse	360N/5cm 270N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	220 N 240 N
Temperature resistance		-40 to +80°C



Article number	Description	Roll dimensions	Content of pallets
7640115533845	Ampatop® Protecta	$1,5 \mathrm{m} \times 50 \mathrm{m} = 75 \mathrm{m}^2$	21 rolls = 1575 m <sup>2</sup>
7640115533869	Ampatop® Protecta plus integrated tapes on both sides	1,5 m × 50 m = 75 m <sup>2</sup>	21 rolls = 1575 m <sup>2</sup>
7640115537645	Ampatop® Protecta plus integrated tapes on both sides	3,0 m × 30 m = 90 m <sup>2</sup>	

### Ampatop® Secura (plus)

### Roof membrane



- > Diffusion-open yet wind-proof
- > Cutting and orientation aid
- > Monolithic TPU technology
- > Ampatop® Secura plus: integrated tape

Double layer, highly tear-resistant roof membrane. **Monolithic TPU technology** 

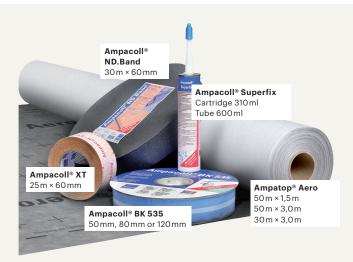
Technical details		
s <sub>d</sub> value		0,15 m
Resistance to water penetration		W1
Weight		220g/m <sup>2</sup>
Fire behaviour		E
Outdoor weathering		3 months
Minimum roof slope		10°
Tear resistance	longitudinal transverse	300N/5cm 350N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	225 N 225 N
Temperature resistance		-40 to +80°C



Article number	Description	Roll dimensions	Content of pallets
7640115533883	Ampatop® Secura	1,5 m × 50 m = 75 m <sup>2</sup>	24 rolls = 1800 m <sup>2</sup>
7640115533920	Ampatop® Secura plus integrated tape	1,5 m × 50 m = 75 m <sup>2</sup>	24 rolls = 1800 m <sup>2</sup>
7640115535580	Ampatop® Secura	3,0 m × 25 m = 75 m <sup>2</sup>	35 rolls = 2625 m <sup>2</sup>

### The Ampack roof system. Security in any weather!

## The Ampack airtight system. Benefit from the advantages!





### Ampatop® Aero

- > Diffusion-open yet wind-proof
- > Cutting and orientation
- > Ampatop® Aero plus: integrated tapes on both sides
- > Also suited as wall membrane

### Ampacoll® XT 60 mm

- > Carrier open to diffusion > Dimensionally stable
- thanks to tear-resistant
- > Extremely robust and durable
- > Highest bond strength from as low as -5 °C
- > Can be plastered over
- > Four months' natural weathering period

### Ampacoll® Superfix

- > Adheres to almost all sub-surfaces
- > Even damp building materials can be bonded
- > Workable down to -20 °C
- > No primers necessary
- > Always easy to squeeze

### Ampacoll® BK 535

- > Extremely flexible and can be shaped in three dimensions
- > Always the right sleeve
- > Highly flexible, follows movements of the component and evens out rough substrates
- > 2 mm thick, unlike cheaper products
- > Vapour seal for use indoors and outdoors

### Your benefits

More security in the roof and the façade with the complete system from a single source. Ampatop® Aero is a three-layer, high tensile roofing and wall membrane. More on www.ampack.eu.

### Ampatex® DB 90

- > Standard in roof and wall construction
- > s<sub>d</sub>-value 20 m for universal application
- > Compatible with all standard heat insulation materials
- > Dimensionally stable, tear-resistant and supple
- > Also available as a purlin connection strip 75 cm wide

### Ampacoll® INT

- > Adhesive tape system for two applications:
- overlaps and
- penetrations
- > Robust, flexible and can be torn by hand
- > Translucent

### Ampacoll® RA

- > Odourless free from solvents
- > No primers necessary
- > Bonds to almost all sub-surfaces
- > Cartridge always easy to squeeze out

### Ampacoll® BK 535

- > Extremely flexible and can be shaped in three dimensions
- > Always the right sleeve
- > Highly flexible, follows movements of the component and evens out rough substrates
- > 2 mm thick, unlike cheaper products
- > Vapour seal for use indoors and outdoors

#### Your benefits

Complete airtight system from a single source. Verifiable airtightness thanks to the perfectly matched, high quality components. You can find even more systems on www.ampack.eu.

# Weldable roof membrane

# Ampatop® Seal



- 6 Weldable roof membrane
- 7 Nail sealing tape
- 8 Pressure roller
- 9 Eaves membrane











### Ampatop® Seal Weldable roof membrane



- > Weldable with solvent bonding and heat
- > Both sides are processed, no waste
- > Cutting and orientation aid
- > Monolithic TPU technology
- > For low roof pitches

Membrane can be used with solar energy installations under certain conditions.

Triple layer weldable roof membrane. Overlaps and connections are welded seamlessly and homogenously. The membrane consists of a fleece and an upper and lower layer of TPU. Monolithic TPU technology

Technical details		
s <sub>d</sub> value		0,20 m
Resistance to water penetration		W1
Weight		350g/m <sup>2</sup>
Fire behaviour		E
Outdoor weathering		3 months
Minimum roof slope		5°
Tear resistance	longitudinal transverse	350N/5cm 380N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	250 N 240 N
Temperature resistance		-40 to +100°C



Article number	Description	Roll dimensions	Content of pallets
7640115534385	Ampatop® Seal	1,5 m × 30 m = 45 m <sup>2</sup>	25 rolls = 1125 m <sup>2</sup>
7640115534897	Ampatop® Seal Jumbo	1,5 m × 400 m = 600 m <sup>2</sup>	1 roll = 600 m <sup>2</sup>
7640115535665	Ampatop® Seal	3,0 m × 20 m = 60 m <sup>2</sup>	30 rolls = 1800 m <sup>2</sup>
7640115535689	Ampatop® Seal Jumbo	3,0 m × 400 m = 1200 m <sup>2</sup>	1 roll = 1200 m <sup>2</sup>



Application videos on YouTube



«Our guarantee is outstanding. We aren't afraid of comparison with anyone.»

Magnus Vohn **Export Manager** 

### Ampatop® Seal

### Accessories



### **Ampatop® SealStripe**

Ampatop® SealStripe is a strip-shaped blank of Ampatop® Seal for use as edging on skylights, chimneys, joints, cap flashing and cover strips on counter battens and for effecting repairs.

Technical details		
s <sub>d</sub> value	0,20 m	
Weight	$350g/m^2$	
Fire behaviour	E	

Article number	Roll dimensions	Sales unit
7640115535160	37,5 cm × 30 m	1 roll



### Ampacoll® LiquiSeal

Solution welding compound for seamless homogeneous welding of Ampatop® Seal. No further adhesives, hot air or other consumables required.

recinited details	
Working temperature range	0 to +70°C
Consumption	approx. 1 litre for 200 m² roof membrane

Article number	Content	Sales unit
7640115534446	1,251	6 tins
7640115534514	51	1 bucket



### **Ampacoll® LiquiSeal Applicator**

Bottle and brush for easy application of Ampacoll® LiquiSeal on Ampatop® Seal.

> Rectangular, non-roll bottle

Article number	Capacity	Sales unit/Set
7640115535313	500 ml	2 bottles & 5 brushes



### Ampacoll® TubeSeal

Prefabricated sleeves for quick ceiling of standard pipe entries. Recommended for use for roof pitches up to 25°. Ampacoll® TubeSeal can be welded.

Technical details	
For penetrations with diameter of	80-120 mm
Maximum roof slope	25°

Article number	Carton content	Sales unit
7640115534866	4 sleeves	1 carton



### Ampacoll® SealFix

TPU welding compound. Ideal for connections such as to eaves flashing, up-stands, chimneys, barge board, gable walls and dormers. These connections also provide some protection against spray water.

Article number	Content
7640115536358	1,01

from 10 minutes
cool and dry, keep out of direct sunlight.
20-35m on 40 mm width, depending on surface
from 0 °C (surroundings and surface)
-40 to +100°C



### Ampacoll® DoubleSeal

Double-sided adhesive moistu stant acrylic tape. The ideal jo tape for metal sheeting and o surfaces.

ture-resi-	Working temperature range	above -5°C
ointing other flat	Temperature resistance	-30 to +90°C

Technical details

Article number	Roll dimensions	Carton content
7640115534941	30 mm × 25 m	8 rolls



### **Ampatop® SealEdge**

Ampatop® SealEdge is a prefabricated eaves membrane with a UV-resistant PVC strip welded to an Ampatop® Seal roof membrane. The product is used to seal open eaves with perforated metal to drain water from the roof membrane into the gutters.

Technical details	
Welding temperature Ampatop® Seal	240-280 °C
Welding temperature PVC strip	280 °C
UV stability Ampatop® Seal	3 months
UV stability PVC strip	>10 years

Article number	Roll dimensions
7640115536945	600mm × 30m

# Ampacoll® SealForm

Multilayer composite based on TPU and grey reinforcing layer. Stretchable and flexible yet also durable special material for lasting corners, penetrations and connections.

#### **Technical details**

Outdoor weathering Welding temperature 3 months

240-280°C Ampatop® Seal



### Ampacoll® SealForm 1

Corner - short, 90°

- > can be solvent or heat welded
- > fits perfectly on Ampatop® Seal
- > cutting lines shown
- > flat edges prevent capillary action



### Ampacoll® SealForm 5 Round patch

- > can be solvent or heat welded
- > fits perfectly on Ampatop® Seal
- > flat edges prevent capillary action



### **Ampacoll® SealForm** 915/930/945

Penetration - high 15°/30°/45°

- > can be solvent or heat welded
- > fits perfectly on Ampatop® Seal



### Ampacoll® SealForm 10 Penetration - flat, flexible

- > can be solvent or heat welded
- > fits perfectly on Ampatop® Seal
- > cutting lines shown

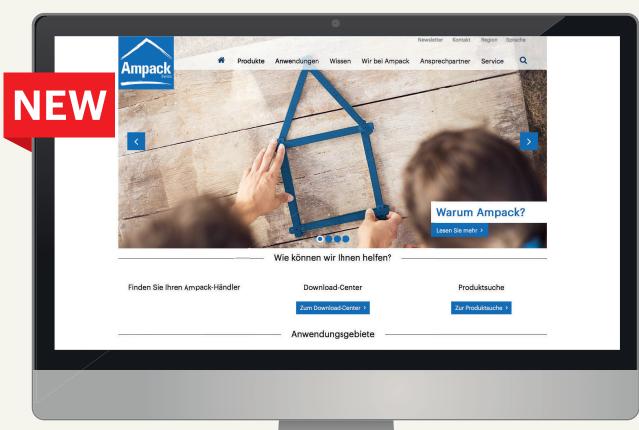


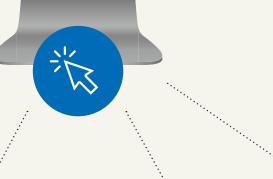
### **Ampacoll® SealForm 11** Corner - long variable

- > can be solvent or heat welded
- > fits perfectly on Ampatop® Seal
- > cutting lines shown
- > flat edges prevent capillary action

Article number	Description	Carton content
7640115537195	Ampacoll® SealForm 1: Corner – short, 90°	4 pieces
7640115537218	Ampacoll® SealForm 5: Round patch	8 pieces
7640115537232	Ampacoll® SealForm 915: Penetration – high 15°	2 pieces
7640115537256	Ampacoll® SealForm 930: Penetration – high 30°	2 pieces
7640115537270	Ampacoll® SealForm 945: Penetration – high 45°	2 pieces
7640115537294	Ampacoll® SealForm 10: Penetration – flat, flexible	2 pieces
7640115537317	Ampacoll® SealForm 11: Corner – long variable	4 pieces

# Our 2000-page catalogue at the click of a mouse: www.ampack.biz







# Daily updated product data

- > Membranes
- > Adhesive technology
- > Noise protection



### **Download-Center**

- > Application photos
- > Declarations of perfomance
- > Insert sheets
- > etc.



## Construction drawings

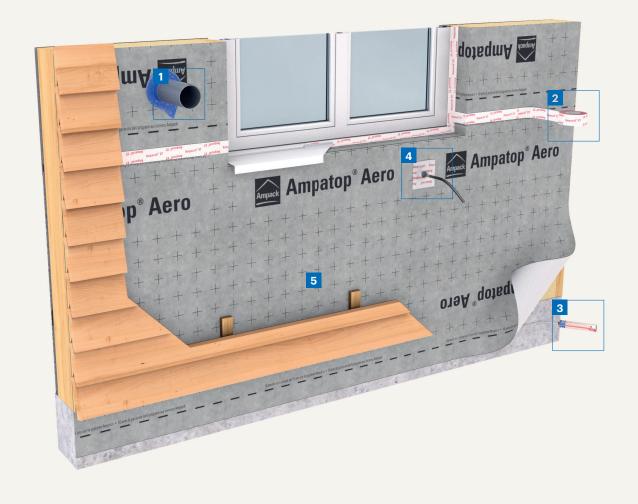
> Find all technical drawings easily and quickly



# Be the first to hear about new products

> Discover news and events

# Wall membranes for closed façades



5 Wall membrane









### Ampatop® Aero (plus)

### Wall membrane



- > Diffusion-open yet wind-proof
- > Cutting and orientation aid
- > Ampatop® Aero plus: integrated tapes on both sides

Triple layer, highly tear-resistant wall membrane. PP fleece with coating.

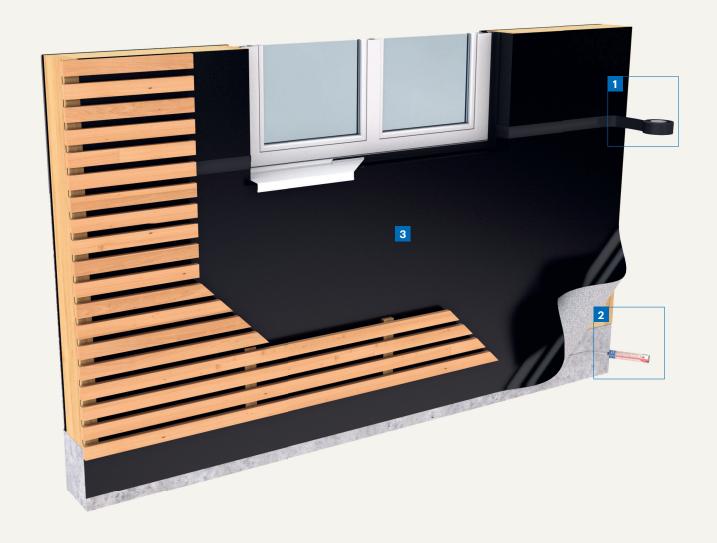
Technical details		
s <sub>d</sub> value		0,04m
Resistance to water penetration		W1
Weight		145g/m <sup>2</sup>
Fire behaviour		E
Outdoor weathering		3 months
Tear resistance	longitudinal transverse	240N/5cm 180N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	145 N 185 N
Temperature resistance		-40 to +80 °C





Article number	Description	Roll dimensions	Content of pallets
7640115533821	Ampatop® Aero	1,5 m × 50 m = 75 m <sup>2</sup>	28 rolls = 2100 m <sup>2</sup>
7640115534798	Ampatop® Aero plus integrated tapes on both sides	1,5 m × 50 m = 75 m <sup>2</sup>	28 rolls = 2100 m <sup>2</sup>
7640115535818	Ampatop® Aero	$3.0 \mathrm{m} \times 30 \mathrm{m} = 90 \mathrm{m}^2$	40 rolls = 3600 m <sup>2</sup>
7640115535542	Ampatop® Aero	3,0 m × 50 m = 150 m <sup>2</sup>	28 rolls = 4200 m <sup>2</sup>
7640115535566	Ampatop® Aero plus integrated tapes on both sides	3,0 m × 50 m = 150 m <sup>2</sup>	28 rolls = 4200 m <sup>2</sup>

# Wall membranes for façade with open joints



3 Wall membrane





### Ampatop® F black (plus)

### Wall membrane



- > Withstands UV
- > 10-year product guarantee with a joint width up to 50mm/40%
- > Tested with 5000 hours UV exposure
- > Monolithic TPU technology

Double layer, highly tear-resistant black façade membrane for façades with open joints. According to EN13859-2 for walls with open joints, artificial ageing is carried out with 5000 hours of UV exposure (standard is 336 hours).

### **Monolithic TPU technology**

Technical details		
s <sub>d</sub> value		0,09 m
Resistance to water penet	tration	W1
Weight		220g/m <sup>2</sup>
Fire behaviour		E
Outdoor weathering		3 months (before installation of façade cladding)
UV stability		>10 years
Tear resistance	longitudinal transverse	300N/5cm 340N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	200 N 185 N
Temperature resistance		-40 to +80 °C

5000hour-test





Article number	Description	Roll dimensions	Content of pallets
7640115533500	Ampatop® F black	1,5 m × 50 m = 75 m <sup>2</sup>	28 rolls = 2100 m <sup>2</sup>
7640115533654	Ampatop® F black with 50m of Ampacoll® UV	1,5 m × 50 m = 75 m <sup>2</sup>	28 rolls = 2100 m <sup>2</sup>
7640115536075	Ampatop® F black plus integrated tape	1,5 m × 50 m = 75 m <sup>2</sup>	28 rolls = 2100 m <sup>2</sup>
7640115533524	Ampatop® F black	3,0 m × 30 m = 90 m <sup>2</sup>	28 rolls = 2520 m <sup>2</sup>
7640115535702	Ampatop® F black with 50m of Ampacoll® UV	3,0 m × 30 m = 90 m <sup>2</sup>	28 rolls = 2520 m <sup>2</sup>

«Our UV products also come with a 10-year guarantee.»

Magnus Vohn **Export Manager** 

### **Ampatop® F Color**

### Wall membrane



- > Long-term UV protection and age-resistant
- > Diffusion-permeable yet watertight
- > Special colours available on request for quantities of at least 500 m²
- > Up to 80 mm/50% open
- > Also suitable for glass façades

Two-layer, highly tear-resistant façade membranes with a coloured, monolithic TPU coating for all curtain-type ventilated façades. Available in 5 standard colours and numerous special colours. **Ampatop® F Color** is suitable for partially open and open façade surfacing in wood, expanded metal, perforated plate or materials such as glass. Monolithic TPU technology.

Technical details			
s <sub>d</sub> value		0,4 m	
Resistance to water penetr	ation	W1	
Weight		240g/m <sup>2</sup>	
Fire behaviour		E	
Outdoor weathering		3 months (before installation of façade cladding)	
Resistant to UV-light		>10 years	
Tear-proof qualities	longitudinal transverse	400N/5cm 420N/5cm	
Resistance against further longitudinal tearing (nail shaft) transverse		200 N 200 N	
Resistance to temperature		-40 to +80°C	



Article number	Description	Roll dimensions	Content of pallets
7640115536532	Ampatop® F Color white	1,5 m × 50 m = 75 m <sup>2</sup>	20 rolls = 1500 m <sup>2</sup>
7640115536518	Ampatop® F Color black	1,5 m × 50 m = 75 m <sup>2</sup>	20 rolls = 1500 m <sup>2</sup>
7640115536570	Ampatop® F Color red	1,5 m × 50 m = 75 m <sup>2</sup>	20 rolls = 1500 m <sup>2</sup>
7640115536556	Ampatop® F Color yellow	1,5 m × 50 m = 75 m <sup>2</sup>	20 rolls = 1500 m <sup>2</sup>
7640115536594	Ampatop® F Color blue	1,5 m × 50 m = 75 m <sup>2</sup>	20 rolls = 1500 m <sup>2</sup>

## Just relax

## Ampack's 10-year, property oriented craftsman guarantee covers:



It can happen. A product fails to meet its promised properties and its functionality is compromised. Clearly, the builder has the worst hand here - they must take responsibility for the work they carry out.

It doesn't have to be like that! Ampack's non-contractual guarantee to the tradesperson covers their full guarantee period to the client. They can take full advantage of our comprehensive guarantee for up to 10 years after the delivery of the products by Ampack, even if the final building acceptance takes place

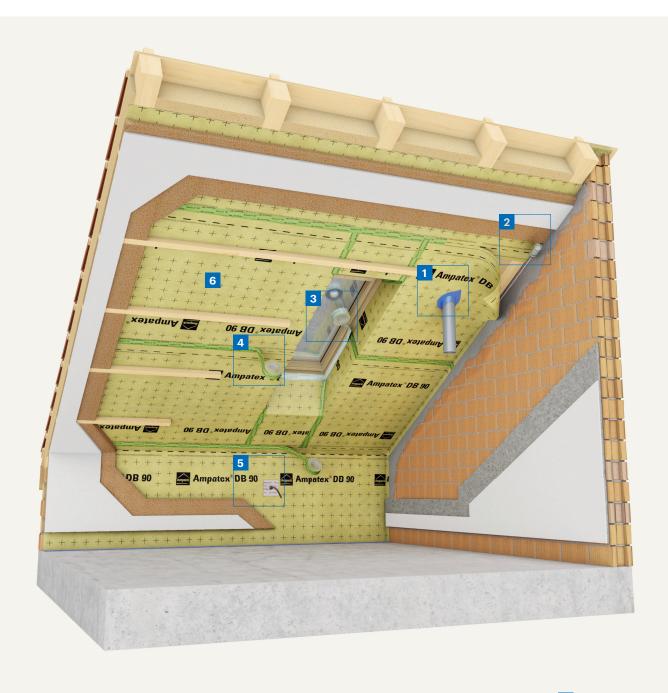
up to five years after the delivery of materials by Ampack. In an emergency, the complaint is handled quickly and professionally by our technical consultants. We offer a guarantee with the system because we understand the whole picture. Not only do we compensate for the cost of the material, but also for installation and removal costs. This is a guarantee on which you can depend.





# Vapour checks

# Ampatex® and Sisalex®



6 Vapour check











### Ampatex® Sinco

### Vapour check



- > Does not stretch or shrink
- > Cutting and orientation aid
- > Does not attract dust
- > Translucent for security when blowing out with cellulose fibres

Double layer, tear-resistant vapour check and airtight layer made of thermoset PP fibres with copolymer fill layer. Also suitable for cellulose insulation.

Technical details		
s <sub>d</sub> value		5 m
Weight		$100g/m^2$
Fire behaviour		E
Tear resistance	longitudinal transverse	160N/5cm 160N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	200 N 200 N
Airtightness		airtight



Article number	Description	Roll dimensions	Content of pallets
7640115536679	Ampatex® Sinco	$1.5 \mathrm{m} \times 100 \mathrm{m} = 150 \mathrm{m}^2$	28 Rolls = 4200 m <sup>2</sup>
7640115536969	Ampatex® Sinco	3,0 m × 50 m = 150 m <sup>2</sup>	40 rolls = 6000 m <sup>2</sup>

### Ampatex® DB 90 Vapour check



- > Does not stretch or shrink
- > Cutting and orientation aid
- > Does not attract dust
- > Translucent for security when blowing out with cellulose fibres

Double layer, tear-resistant vapour check and airtight layer made of thermoset continuous fibres with PP fill layer (100% polypropylene). The membrane is made of high quality PP and contains no plasticisers. The standard moisture barrier for all roof and wall construction. Also suitable for cellulose insulation.

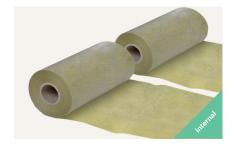
Technical details		
s <sub>d</sub> value		20 m
Weight		90g/m²
Fire behaviour		E
Tear resistance	longitudinal transverse	160N/5cm 160N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	200 N 200 N
Airtightness		airtight



Article number	Description	Roll dimensions	Content of pallets
7640115535092	Ampatex® DB 90	1,5 m × 50 m = 75 m <sup>2</sup>	25 rolls = 1875 m <sup>2</sup>
7640115530783	Ampatex® DB 90	1,5 m × 100 m = 150 m <sup>2</sup>	28 rolls = 4200 m <sup>2</sup>
7640115533630	Ampatex® DB 90 with 120 m of Ampacoll® INT	1,5 m × 100 m = 150 m <sup>2</sup>	28 rolls = 4200 m <sup>2</sup>
7640115535917	Ampatex® DB 90 short roll with 30 m of Ampacoll® INT	1,5 m × 25 m = 37,5 m <sup>2</sup>	60 rolls = 2250 m <sup>2</sup>
7640115535443	Ampatex® DB 90	3,0 m × 50 m = 150 m <sup>2</sup>	40 rolls = 6000 m <sup>2</sup>
7640115535894	Ampatex® DB 90 with 60m of Ampacoll® INT	3,0 m × 50 m = 150 m <sup>2</sup>	40 rolls = 6000 m <sup>2</sup>

### Ampatex® DB 90

### Purlin Connection Strip



75 cm-wide strip of Ampatex® DB 90 vapour check, two-layer. Ideal as a purlin connection strip. Also suitable for beam connections and assembly transitions.

Technical details		
s <sub>d</sub> value		20 m
Weight		90g/m²
Fire behaviour		Е
Tear resistance	longitudinal transverse	160N/5cm 160N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	200N 200N
Airtightness		airtight





> Easier connection at high root pitche
> Protects central and ridge purlins
against weather

> Ideal for prefabrication in the workshop

Article number	Description	Roll dimensions	Sales unit
7640115535269	Ampatex® DB 90 purlin connection strip	75 cm × 100 m	1 roll

### **Ampatex® Cento**

### Vapour check



- > High stability and tear strength
- > Does not stretch or shrink
- > Translucent substructure remains visible
- > Does not contain plasticisers

Double layer vapour check and airtight layer with high s<sub>d</sub> value for wood structures with impermeable layers on the outside, such as bonded thermal insulation façades in conjunction with moisture-tight insulation materials. Also suitable for internal  $% \left( 1\right) =\left( 1\right) \left( 1$ insulation in older masonry structures. Also suitable for cellulose insulation. Fleece underlay made of polypropylene (PP) with a special membrane made of polyolefin.

Technical details		
s <sub>d</sub> value		100 m
Weight		170 g/m²
Fire behaviour		E
Tear resistance	longitudinal transverse	160N/5cm 130N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	120 N 130 N
Airtightness		airtight



Article number	Description	Roll dimensions	Content of pallets
7640115534255	Ampatex® Cento	$1,5 \mathrm{m} \times 50 \mathrm{m} = 75 \mathrm{m}^2$	$32 \text{ rolls} = 2400 \text{m}^2$
7640115534835	Ampatex® Cento with 60m Ampacoll® INT	1,5 m × 50 m = 75 m <sup>2</sup>	32 rolls = 2400 m <sup>2</sup>

### Sisalex® 303

### Vapour check



- > Eco-friendly product: all elements are of natural origin
- > Stable and tear-resistant grid out of glass fibres
- > Does not contain fungicides

Triple layer paper vapour check and airtight layer. Compound made of two kraft papers and a glass fibre inlay. Also suitable for cellulose insulation.

Technical details		
s <sub>d</sub> value		5 m
Weight		180g/m²
Fire behaviour		E
Tear resistance	longitudinal transverse	490N/5cm 230N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	60 N 45 N
Airtightness		airtight



Article number	Description	Roll dimensions	Content of pallets
7640115530707	Sisalex® 303	$1,5 \mathrm{m} \times 50 \mathrm{m} = 75 \mathrm{m}^2$	42 rolls = 3150 m <sup>2</sup>
7640115535726	Sisalex® 303	$3.0 \mathrm{m} \times 50 \mathrm{m} = 150 \mathrm{m}^2$	32 rolls = 4800 m <sup>2</sup>

### **Ampatex® Variano 3**

### Moisture-variable vapour check



- > Over 59 m s<sub>d</sub> value range
- > Excellent adhesive properties
- > Ideal for exhaust insulation
- > Hydrosafe and saddle-point
- > Ideal for flat roofs

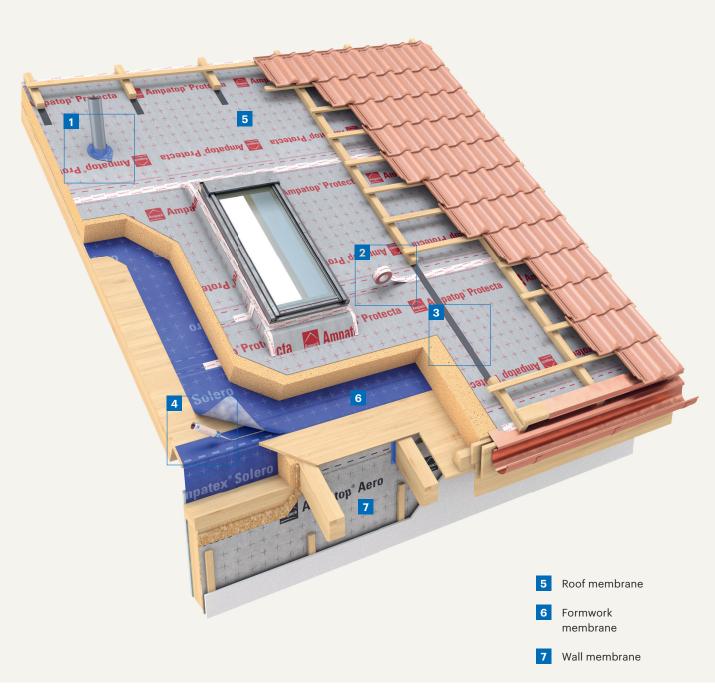
Two layer moisture-variable vapour check and airtight layer made of polyamide and polypropylene. Perfectly suited for flat roofs in timber construction; also for renovating pitched roofs with a dense outer skin. The membrane offers special protection when used on bare brickwork in winter.

Technical details		
s <sub>d</sub> value		0,8-60 m
Weight		90g/m²
Fire behaviour		E, EN 13501-1
Outdoor weathering		to cover immediately
Tear resistance	longitudinal transverse	180N/5cm 125N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	125 N   110 N
Hydrosafe value		2,45 m, DIN 68800-2



Article number	Description	Roll dimensions	Content of pallets
7640115537041	Ampatex® Variano 3 with 60m Ampacoll® INT	1,5 m × 50 m = 75 m <sup>2</sup>	40 Rollen = 3000 m²
7640115536815	Ampatex® Variano 3	1,5 m × 50 m = 75 m <sup>2</sup>	40 Rollen = 3000 m <sup>2</sup>
7640115536983	Ampatex® Variano 3	3,0 m × 50 m = 150 m <sup>2</sup>	40 Rollen = 6000 m <sup>2</sup>

# Formwork membranes





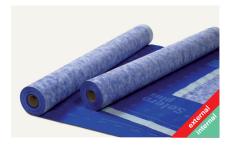






### **Ampatex® Solero (plus)**

### Formwork membrane



- > Ampatex® Solero plus: integrated tapes on both sides
- > Three months' wather resistance
- > Dense, soft and easy to install

Triple layer weather-resistant vapour check, airtight layer and formwork membrane. Dense, soft, non-slip and weather-resistant. Ideal for rafter insulation.

Technical details		
s <sub>d</sub> value		5 m
Weight		145g/m²
Fire behaviour		Е
Tear resistance	longitudinal transverse	240N/5cm 180N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	110 N 120 N
Outdoor weathering		3 months
Airtightness		airtight
Watertightness		passed at 2kPa
Minimum roof slope		10°



Article number	Description	Roll dimensions	Content of pallets
7640115535009	Ampatex® Solero	1,5 m × 50 m = 75 m <sup>2</sup>	28 Rolls = 2100 m <sup>2</sup>
7640115535214	Ampatex® Solero plus integrated tapes on both sides	1,5 m × 50 m = 75 m <sup>2</sup>	28 Rolls = 2100 m <sup>2</sup>
7640115535627	Ampatex® Solero	3,0 m × 50 m = 150 m <sup>2</sup>	28 Rolls = 4200 m <sup>2</sup>

### Ampatex® SB 130 Formwork membrane



- > Three months' weather resistance
- > Translucent the substructure remains visible
- > Very robust and suitable for harsh site conditions

Double layer weather-resistant vapour check, airtight layer and formwork membrane made of thermoset continuous polypropylene fibres with PP filler (100% polypropylene). Weather-resistant. Ideal for rafter insulation.

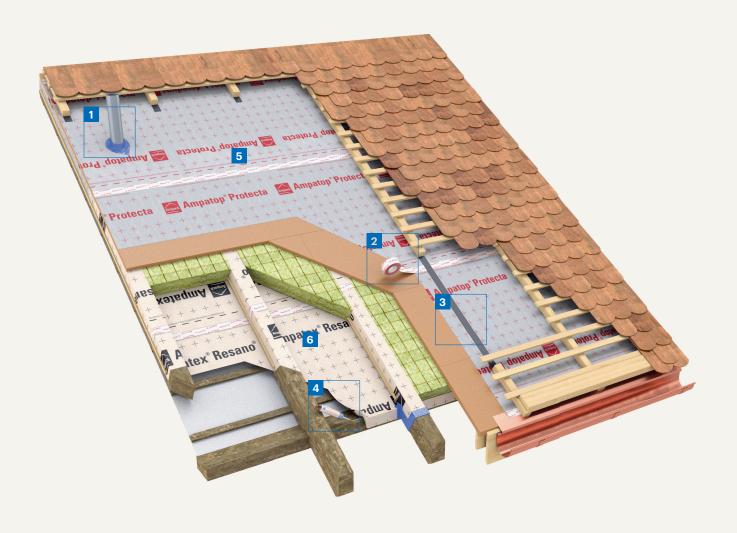
Technical details		
s <sub>d</sub> value		40 m
Weight		135g/m²
Fire behaviour		E
Tear resistance	longitudinal transverse	220N/5cm 220N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	230 N 210 N
Outdoor weathering		3 months
Airtightness		airtight
Watertightness		passed at 2kPa
Minimum roof slope		10° (5° – 9° with additional measures)



Article number	Description	Roll dimensions	Content of pallets
7640115530462	Ampatex® SB 130	$1.5 \mathrm{m} \times 100 \mathrm{m} = 150 \mathrm{m}^2$	24 rolls = 3600 m <sup>2</sup>
7640115535382	Ampatex® SB 130	$3.0 \mathrm{m} \times 50 \mathrm{m} = 150 \mathrm{m}^2$	40 rolls = 6000 m <sup>2</sup>

# Vapour checks for renovation Roof renovation

Roof renovation from outside with removal of existing insulation



- 5 Roof membrane
- 6 Moisture variable vapour check









### Ampatex® Resano®

### Vapour check for renovation



- > Stable form and dimensions
- > High tear resistance
- > Also available in 3 m width

Triple layer moisture-variable vapour check and airtight layer. For use in roof renovations from the outside. Membrane is made of polypropylene fleece with a copolymer coating and a polypropylene covering fleece.

Technical details		
s <sub>d</sub> value		0,9-12m
Weight		130g/m²
Fire behaviour		E
Outdoor weathering		to cover immediately
Tear resistance	longitudinal transverse	180N/5cm 160N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	180N 180N
Airtightness		airtight



Article number	Description	Roll dimensions	Content of pallets
7640115534279	Ampatex® Resano®	$1.5 \mathrm{m} \times 50 \mathrm{m} = 75 \mathrm{m}^2$	40 Rolls = 3000 m <sup>2</sup>
7640115533241	Ampatex® Resano® with 50 m of Ampacoll® XT	1,5 m × 50 m = 75 m <sup>2</sup>	40 Rolls = 3000 m <sup>2</sup>
7640115535481	Ampatex® Resano®	3 m × 50 m = 150 m <sup>2</sup>	40 Rolls = 6000 m <sup>2</sup>

### **Ampatex® Variano 3**

### Moisture-variable vapour check



- > Over 59 m s<sub>d</sub> value range
- > Excellent adhesive properties
- > Ideal for exhaust insulation
- > Hydrosafe and saddle-point
- > Ideal for flat roofs

Two layer moisture-variable vapour check and airtight layer made of polyamide and polypropylene. Perfectly suited for flat roofs in timber construction; also for renovating pitched roofs with a dense outer skin. The membrane offers special protection when used on bare brickwork in winter.

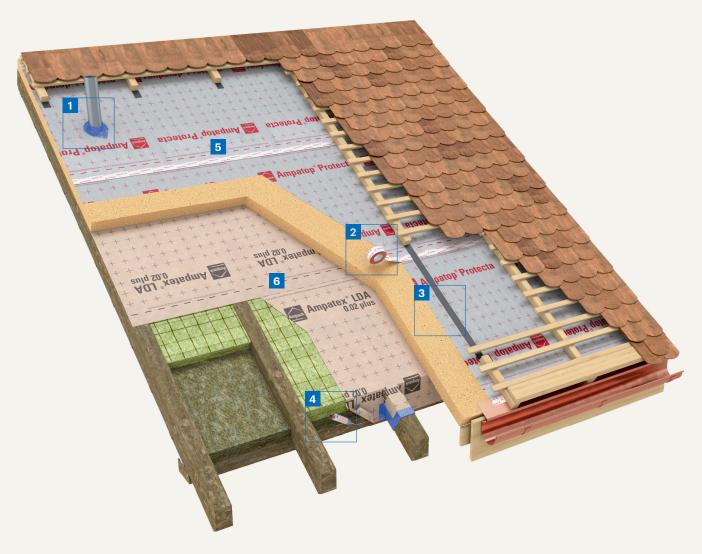
Technical details			
s <sub>d</sub> value		0,8-60 m	
Weight		90g/m²	
Fire behaviour		E, EN 13501-1	
Outdoor weathering		to cover immediately	
Tear resistance	longitudinal transverse	180N/5cm 125N/5cm	
Resistance to further tearing (nail shaft)	longitudinal transverse	125 N   110 N	
Hydrosafe value		2,45 m, DIN 68800-2	



Article number	Description	Roll dimensions	Content of pallets
7640115537041	Ampatex® Variano 3 with 60 m Ampacoll® INT	1,5 m × 50 m = 75 m <sup>2</sup>	40 Rollen = 3000 m <sup>2</sup>
7640115536815	Ampatex® Variano 3	1,5 m × 50 m = 75 m <sup>2</sup>	40 Rollen = 3000 m <sup>2</sup>
7640115536983	Ampatex® Variano 3	3,0 m × 50 m = 150 m <sup>2</sup>	40 Rollen = 6000 m <sup>2</sup>

# Vapour checks for renovation Roof renovation

Roof renovation from the outside without removal of existing insulation



- Roof membrane
- 6 Airtight layer outside









### Ampatex® LDA 0.02 plus

### Vapour check for renovation



- > Integrated tape on both side
- > Saves time during installation
- > Cutting and orientation aid
- > Does not tear or snag on nails

Highly permeable airtight three-layer membrane for roof renovation over the support structure. This membrane is highly permeable (s<sub>d</sub> value 0,025 m) yet airtight (a value: 0,004).

Technical details		
s <sub>d</sub> value		0,025 m
a value		$0.004  \text{m}^3 / (\text{h} \times \text{m}^2)$
Weight		190g/m²
Fire behaviour		E
Tear resistance	longitudinal transverse	375N/5cm 305N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	250 N 300 N
Outdoor weathering		1 week (with mechanical fixation)
Resistance to water penetration		W1



Article number	Description	Roll dimensions	Content of pallets
7640115535603	Ampatex® LDA 0.02 plus integrated tapes on both sides	1,5 m × 50 m = 75 m <sup>2</sup>	24 rolls = 1800 m <sup>2</sup>

«It is particularly difficult to insert an airtight layer during a renovation. Ask us - we can help you.»

Magnus Vohn **Export Manager** 

# Vapour and emission barriers

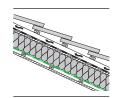
### Sisalex® 514 Vapour barrier



- > Reinforced robust vapour barrier
- > High s<sub>d</sub> value, more than 1500 m = absolutely airtight

Four layer vapour and electrical smog barrier made of two craft papers with a flameretardant paraffin middle layer and glass fibre inlay. Aluminium backing on one side. Also suitable for cellulose insulation.

Technical details		
s <sub>d</sub> value		>1500 m
Weight		225g/m <sup>2</sup>
Fire behaviour		Е
Tear resistance	longitudinal transverse	950N/5cm 450N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	50 N 80 N
Airtightness		airtight







Article number	Description	Roll dimensions	Content of pallets
7640115530967	Sisalex® 514	1,5 m × 50 m = 75 m <sup>2</sup>	40 rolls = 3000 m <sup>2</sup>

### Sisalex® 518

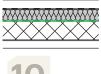
### Vapour and moisture barrier



- > High s<sub>d</sub> value, more than 1500 m = absolutely airtight
- > Moisture-resistant, well suited for e.g. swimming pools
- > PE backing makes the membrane alkali-resistant
- > Increased resistance to tears by nails
- > Can be laid directly on cement-based building materials

Four-layer barrier against damp and moisture consisting of an aluminium and PE layer and a reinforcement consisting of heat-treated continuous filaments with a PP filling layer (100% polypropylene). Suitable for exhaust insulation.

Technical details		
s <sub>d</sub> value		>1500 m
Weight		175 g/m²
Fire behaviour		E
Tear resistance	longitudinal transverse	180N/5cm 160N/5cm
Resistance to further tearing (nail shaft)	longitudinal transverse	180N 180N
Airtightness		airtight







Article number	Description	Roll dimensions	Content of pallets
7640115536457	Sisalex® 518	1,5 m × 50 m = 75 m <sup>2</sup>	40 rolls = 3000 m <sup>2</sup>

# Vapour and emission barriers

### Sisalex® 871 Radon barrier



- > Protection against radon gas, methane and humidity
- > Extremely stable and tear-resistant
- > Alkali-resistant

Four layer radon barrier consisting of two layers of PE film, a polyester fibre inlay and a 0,02 mm thick aluminium layer.

Technical details	
s <sub>d</sub> value	>1100 m
Weight	363g/m <sup>2</sup>
Thickness	0,4 mm
Permeability to methane	$<0.01  \text{ml/(m}^2 \times 24  \text{h)}$
Permeability to radon	2,3×10 <sup>-12</sup> m <sup>2</sup> s <sup>-1</sup>
Radon permeability level	7,2×10 <sup>-9</sup> ms <sup>-1</sup>





Radon-proof bonding by means of two strips of Ampacoll® BK 530, 20 mm, mechanical security of the overlap with Ampacoll® XT.

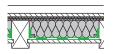
Article number	Description	Roll dimensions	Content of pallets
7640115531001	Sisalex® 871	2,0 m × 50 m = 100 m <sup>2</sup>	25 rolls = 2500 m <sup>2</sup>

### Sisalex® 30 Trickle protection



Single layer strong craft paper as trickle protection on closed, level intermediate floors, sliding floors, etc. Not applicable for use with sharp-edged bulk materials!

Technical details	
s <sub>d</sub> value	0,04 m
Weight	80g/m²
Fire behaviour	Е





- > Resists ageing very well
- > Dust-proof

Article number	Description	Roll dimensions	Content of pallets
7640115530660	Sisalex® 30	1,25 m × 50 m = 62,5 m <sup>2</sup>	81 rolls = 5062,5 m <sup>2</sup>

# **Ampacoll®**

# System adhesive technology

### Ampacoll® ND Duo Nail sealing tape



Double-sided adhesive nail sealing tape for roof and formwork membranes. Prevents moisture from getting into the construction. Particularly well-suited to prefabrication situations.

- > Double-sided adhesive for easy preassembly, fast fitting on the roof and a secure, permanent seal
- > Seal tightness certified by Holzforschung Austria (HFA)!
- > Closed-cell foam absorbs no water

Temperature resistance	-25 to +75°C
Outdoor weathering	3 months
Durability	>20 years

cool and dry

Technical details

Storage conditions

Article number	Roll dimensions	Carton content	Content of pallets
7640115533951	30 m × 60 mm × 3 mm	8 rolls = 240 m	18 cartons

### **Ampacoll® ND.Band** Nail sealing tape



Single-sided adhesive nail sealing tape for roof and formwork membranes. Prevents moisture from getting into the construction.

- > Seal tightness certified by Holzforschung Austria (HFA)!
- > No paper liner no waste
- > Closed-cell foam absorbs no water
- > For over 10 years successfully in use

Technical details	
Storage conditions	cool and dry
Temperature resistance	-30 to +80°C
Outdoor weathering	3 months
Durability	>20 years

Article number	Roll dimensions	Carton content	Content of pallets
7640115530202	30 m × 60 mm × 3 mm	8 rolls = 240 m	18 cartons
7640115536389	30 m × 80 mm × 3 mm	6 rolls = 180 m	18 cartons

### Ampacoll® ND Nail seals



Adhesive nail seals for roof and formwork membranes. Prevents moisture from getting into the construction.

- > Seal tightness certified by Holzforschung Austria (HFA)!
- > No paper liner no waste
- > Closed-cell foam absorbs no water

Technical details	
Storage conditions	cool and dry
Temperature resistance	-25 to +75°C
Outdoor weathering	3 months
Durability	>20 years

Article number	Roll dimensions	Carton content	Content of pallets
7640115530110	60 mm × 40 mm × 5 mm 500 pieces/roll	5 rolls = 100 m	30 cartons
7640115536228	80 mm × 60 mm × 5 mm 300 pieces/roll	4 rolls = 72 m	18 cartons

### **Ampacoll® Superfix** Liquid adhesive



Liquid adhesive based on synthetic rubber, used to bond overlaps and edge connections of roof membranes and weather-resistant vapour checks. Can also be used at extremely low temperatures.

- > Can even be used to bond wet materials
- > Workable to -20°C
- > Primer not necessary
- > Adheres to most surfaces
- > Always easy to squeeze out
- > Notched nozzle for a more even bead

Technical details			
Base material	Styrene-butadiene rubber		
Storage conditions	cool and dry		
Working temperature range	-20 to +50°C		
Temperature resistance	-40 to +80°C		
Durability	>20 Years		
Setting time	30 bis 60 minutes		
Outdoor weathering	many Years		
Solvent	Toluene		
Consumption	30 - 50 ml/m		

Article number	Content	ontent Carton content Content of pal	
7640115530028	310 ml/cartridge	12 cartridges	140 cartons
7640115530059	600ml/tube	10 tubes	50 cartons

### Ampacoll® RA Liquid adhesive



Solvent-free, airtight and durable elastic edge connection adhesive. Perfect for use with vapour checks and barriers.

- > Odourless no solvent
- > Primer not necessary
- > Adheres to most surfaces
- > Always easy to squeeze out
- > Notched nozzle for a more even bead

Technical details	
Base material	Acrylate copolymer
Storage conditions	frost-free, cool and dry
Working temperature range	0 to +50°C
Temperature resistance	-20 to +80°C
Durability	>20 years
Setting time	2 to 3 days
Solvent	none
Consumption	30 - 50 ml/m

Article number	Content	Carton content	Content of pallets	
7640115530141	310 ml/cartridge	12 cartridges	125 cartons	
7640115530172	600ml/tube	10 tubes	60 cartons	

### **Ampacoll® XT** Acrylic adhesive tape



Tear-resistant adhesive tape system in six widths. The universal adhesive tape for internal and external use with a genuine long-term history. This tape is specially optimised for outdoor application.

- > Dimensionally stable thanks to tear-resistant carrier
- > Maximum adhesive strength from -5°C
- > Extremely robust and durable
- > Tyvek® carrier is water-resistant and does not rot

cool and dry
above -5°C
-40 to +100°C
>20 years
4 months (without mechanical stress)



### Ampacoll® XT 60

Universal adhesive tape, used to tape overlaps in roof and façade membranes or panels - optimised for external use.



### Ampacoll® XT 75

Universal adhesive tape, used to tape face and corner joints in wood-based panels. Ideal for bridging over small gaps between components.



### Ampacoll® XT 100 single slit

Universal adhesive tape, used to tape overlaps between components. Ideal for bridging over large gaps between components.



Ampacoll® XT 150 single slit

Universal adhesive tape, used to tape panels at ridges, edges and channels.



Ampacoll® XT 200 single slit

For an air and wind tight taping of injection holes, sills and damaged spots indoor and outdoor.



### Ampacoll® XT 250 single slit

For air and wind-tight sealing of wide components and reveals. Also suitable as sub-sills in timber-frame construction.

Article number	Description	Roll dimensions	Carton content	Content of pallets
7640115531728	Ampacoll® XT 60	25 m × 60 mm × 0,3 mm	10 rolls = 250 m	42 cartons
7640115531759	Ampacoll® XT 75	25 m × 75 mm × 0,3 mm	6 rolls = 150 m	28 cartons
7640115531780	Ampacoll® XT 100, single slit	25 m × 100 mm × 0,3 mm Slit: 50 mm	4 rolls = 100 m	28 cartons
7640115531810	Ampacoll® XT 150, single slit	25 m × 150 mm × 0,3 mm Slit: 75 mm	4 rolls = 100 m	28 cartons
7640115535245	Ampacoll® XT 200, single slit	25 m × 200 mm × 0,3 mm Slit: 100 mm	2 rolls = 50 m	28 cartons
7640115535948	Ampacoll® XT 250, single slit	25 m × 250 mm × 0,3 mm Slit: 125 mm	2 rolls = 50 m	42 cartons

# Ampacoll® XT Acrylic adhesive tape, double slit



For air and wind-proof taping of rafters and corner connections and for external window bonds.

- > Permeable carrier
- > Dimensionally stable thanks to tear-resistant carrier
- > Maximum adhesive strength from -5°C
- > Extremely robust and durable
- > Tyvek® carrier is water-resistant and does not rot

Technical details	
Storage conditions	cool and dry
Working temperature	ab -5°C
Temperature resistance	-40 to +100°C
Durability	>20 years
Outdoor weathering	4 months (without mechanical stress)

Article number	Description	Roll dimensions	Carton content	Content of pallets
7640115533807	Ampacoll® XT 60	$25 \mathrm{m} \times 60 \mathrm{mm} \times 0.3 \mathrm{mm}$ Slit: $12 \mathrm{mm}$ , $30 \mathrm{mm}$	10 rolls = 250 m	28 cartons
7640115535979	Ampacoll® XT 100	25 m × 100 mm × 0,3 mm Slit: 12 mm, 50 mm	4 rolls = 100 m	28 cartons
7640115536006	Ampacoll® XT 150	25 m × 150 mm × 0,3 mm Slit: 12 mm, 75 mm	4 rolls = 100 m	28 cartons
7640115536037	Ampacoll® XT 200	25 m × 200 mm × 0,3 mm Slit: 12 mm, 100 mm	2 rolls = 50 m	28 cartons

# Ampacoll® UV Acrylic adhesive tape



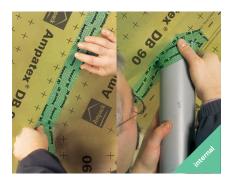
Single-sided adhesive tape with applied solvent-free, modified acrylate adhesive and diagonal inlay. Pull-off liner made of silicon paper. Optimum solution for taping Ampatop® F black.

- > Withstands UV
- > Moisture-resistant, for outdoor use
- > Dimensionally stable
- > Completely black no overprint

Technical details	
Storage conditions	cool and dry
Working temperature range	above -5°C
Temperature resistance	-40 to +80°C
Durability	>20 years
Outdoor weathering	3 months (before installation of the façade cladding)
UV-Stabilität	>10 years

Article number	Roll dimensions	Carton content	Content of pallets
7640115533586	25m×60mm×0,33mm	10 rolls = 250 m	48 cartons

# **Ampacoll® INT** Acrylic adhesive tape



Acrylic adhesive for airtight sealing of overlaps and/or edge connections on strips and panel construction materials, or for airtight taping of penetrations of any kind, in each case with smooth surfaces in internal work.

- > Easy to tear by hand
- > One adhesive tape for two applications: overlaps and penetrations
- > Translucent
- > Stretchable carrier

Technical details	
Storage conditions	cool and dry
Working temperature	above -5°C
Temperature resistance	-40 to +100°C
Durability	>20 years

#### **Patents**

Swiss patent no. 703 687

Article number	Roll dimensions	Carton content	Content of pallets
7640115530080	40m×60mm×0,25mm	10 rolls = 400 m	42 cartons

# **Ampacoll® FE** Window installation tape



Modified acrylic adhesive with thread inlay on synthetic fibre paper. Adhesive tape with adhesive-free intermediate space and sectioned pull-off liner made of tear-resistant PE film. The ideal adhesive tape for airtight taping of window joints, corner connections and panel butts.

- > Vapour-dampening zone
- > Adhesive-free zone: accommodates movement
- > System product for external window bonding: Ampacoll® XT 60 mm, double-slit

cool and dry
above -5°C
-30 to +90°C
>20 years

#### Protective rights and test reports

- > Swiss patent no. 694 462
- > German registered design (DGM) 200 01 626.1
- > European patent no. 1 120 502
- > Test report from Institute for Window Engineering

Article number	Roll dimensions	Carton content	Content of pallets
7640115533425	25 m × 60 mm × 0,3 mm	10 rolls = 250 m	34 cartons

# Ampacoll® F Window installation tape



Double-sided butyl rubber adhesive tape. Highly flexible backing layer partially applied to one side, a fleece that can be plastered-over partially applied to the other. Special product for the inner window connection in masonry constructions.

- > Vapour-barrier properties
- > Durable and flexible
- > Smoothes out uneven surfaces
- > Extremely flexible in corners
- > Handles without breaking in corners
- > Adapts to structural movement

rechnical details	
Storage conditions	cool and dry
Working temperature	above 0°C
Temperature resistance	-40 to +90°C
Durability	>20 years

Article number	Roll dimensions	Carton content	Content of pallets
7640115532824	25 m × 80 mm × 1,5 mm	2 rolls = 50 m	32 cartons

# Ampacoll® BKF Window installation tape



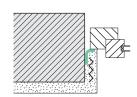
Single-sided butyl-rubber adhesive tape. Special product for inserting windows into masonry and concrete. Also ideal for the connection between vapour checks / barriers and masonry.

- > Vapour-barrier properties
- > Asymmetrical divided liner for quick, clean installation. Narrow side at the window frame, wider side in the reveal
- > Adapts to structural movement
- > Fleece can be plastered over

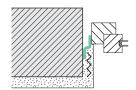
Technical details	
Storage	cool and dry
Working temperature	above 0°C
Temperature resistance	-40 to +90°C
Durability	>20 years

Article number	Roll dimensions	Carton content	Content of pallets
7640115533777	25 m × 80 mm × 1 mm	2 rolls = 50 m	40 cartons

## Ampacoll° FE Ampacoll° BKF



### Ampacoll® F



# Ampacoll® Sillskin Window installation tape



Self-adhesive, highly elastic butyl rubber sheet that can be used to cover parapets in wooden buildings under construction (until the windows are installed) or for the watertight formation of window sills. Also ideal for bridging large joints and gaps.

- >>300% expandability
- > Separate liner to facilitate mounting on windows
- > Easy unrolling thanks to robust cardboard rolls

Technical details	
Storage conditions	cool and dry
Working temperature	above 0°C
Temperature resistance	-40 to +90°C
Durability	>20 years
Outdoor weathering	3 months

Article number	Roll dimensions	Carton content
7640115536297	20 m × 150 mm × 1 mm	1 roll
7640115536310	20 m × 200 mm × 1 mm	1 roll
7640115536334	20 m × 300 mm × 1 mm	1 roll

# **Ampacoll® Fenax** 40/60

Vapour edge tape



Vapour edge tape to professionally join vapour checks or wood materials to bare brickwork or concrete. The airtight layer is created by plastering over the tape.

- > Can be plastered over
- > Fully adhesive on one side
- > Extremely adhesive
- > Split fingerlift-liner (40 mm/60 mm)
- > No primer required on dry surfaces
- > For indoor and outdoor use
- > Can be left exposed to the weather for 12 months

Technical o	details	
Storage cor	nditions	cool and dry
Working temperature		-5°C to + 40°C
Temperature resistance		-40°C to +100°C
Outdoor weathering		12 months (Central Europe)
Elongation at break	longitudinal transverse	100% 140%

Article number	Roll dimensions	Carton content
7640115536921	100 mm × 25 m	4 rolls = 100 m

# Ampacoll® BK 530 Butyl rubber adhesive tape



Double-sided butyl rubber strip to tape wall membranes, vapour checks and vapour barriers. Also, almost any connections on wood, masonry, concrete, metal, etc. are easy to carry out and durable. Use a primer if necessary!

- > Vapour-barrier properties
- > High quality butyl
- >> 300% elasticity
- > Smoothes uneven surfaces
- > Chlorine-resistant
- > Permanently elastic, does not become brittle

Technical details	
Storage conditions	cool and dry
Working temperature	above 0°C
Temperature resistance	-40 to +90°C
Durability	>20 years
Outdoor weathering	3 months



# Ampacoll® BK 530 15 mm

Use to tape overlapping joints indoors and outdoors.



Ampacoll® BK 530 20 mm

Use for edge connections and to tape overlapping joints indoors and outdoors.

Article number	Description	Roll dimensions	Carton content	Content of pallets
7640115532954	Ampacoll® BK 530, 15 mm	25 m × 15 mm × 1mm	8 rolls = 200 m	60 cartons
7640115532985	Ampacoll® BK 530, 20 mm	25 m × 20 mm × 2 mm	8 rolls = 200 m	32 cartons

# Ampacoll® BK 535 Butyl rubber adhesive tape



Sleeve formed by hand. Adhesive on one side of highly-flexible butyl rubber strip for durable, simple sealing of woodbased panels and penetrations through vapour checks and barriers, as well as rafters, purlins, vapour pipes, etc. Use a primer if necessary!

- > Vapour-barrier properties
- > Highly flexible follows component movement
- > Easy to use shape by hand
- > High quality butyl
- >> 300% elasticity
- > Smoothes uneven surfaces
- > Chlorine-resistant
- > Permanently elastic, does not become brittle

Technical details	
Storage conditions	cool and dry
Working temperature	above 0°C
Temperature resistance	-40 to +90°C
Durability	>20 years
Elasticity	>300%
Outdoor weathering	3 months



Ampacoll® BK 535 short roll, 50 mm



Ampacoll® BK 535 50 mm



Ampacoll® BK 535 80 mm



# Ampacoll® BK 535 120 mm

Article number	Description	Roll dimensions	Carton content	Content of pallets
7640115533043	Ampacoll® BK 535, short roll, 50 mm	5 m × 50 mm × 2 mm	12 rolls = 60 m	40 cartons
7640115533012	Ampacoll® BK 535, 50 mm	25 m × 50 mm × 2 mm	4 rolls = 100 m	32 cartons
7640115533074	Ampacoll® BK 535, 80 mm	25 m × 80 mm × 2 mm	2 rolls = 50 m	40 cartons
7640115533104	Ampacoll® BK 535, 120 mm	30 m × 120 mm × 1,5 mm	2 rolls = 60 m	24 cartons



Application videos on YouTube

# **Ampacoll® RS** Round cord made from butyl rubber



Self-adhesive round cord made from high-quality butyl rubber.

- > Vapour-barrier properties
- > For component connections on uneven surfaces
- > For connections on structured substrates
- > Ideal in joist areas
- >> 300% elasticity
- > Permanently elastic

Technical details	
Storage conditions	cool and dry
Working temperature	above 0°C
Temperature resistance	-40 to +90°C
Durability	>20 years
Outdoor weathering	3 months



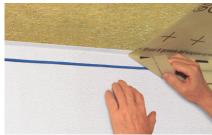
# **Ampacoll® RS** 4mm

Air-tight jointing of precisely-fitted wooden construction components with planed surfaces - e.g. window frames in unit components.



# Ampacoll® RS 20 mm

Air-tight fitting of wall elements onto masonry or concrete work carried out on-site, with a gap width up to 15 mm.



# Ampacoll® RS 6 mm

Air-tight jointing of precisely-fitted wall elements in wood-framed buildings, or edge connections between vapour checks and brick.



# **Ampacoll® RS** 10 mm

Air-tight jointing of pre-produced concrete elements or precise building components, with a gap width up to 7mm.

Article number	Description	Roll dimensions	Carton content	Content of pallets
7640115533135	Ampacoll® RS, 4mm	12 m × 4 mm	10 rolls = 120 m	32 cartons
7640115533166	Ampacoll® RS, 6mm	8m×6mm	10 rolls = 80 m	32 cartons
7640115533197	Ampacoll® RS, 10 mm	4,75 m × 10 mm	10 rolls = 47,5 m	32 cartons
7640115533227	Ampacoll® RS, 20 mm	2,35 m × 20 mm	10 rolls = 23,5 m	24 cartons



Application videos on YouTube

# **Ampacoll® DT** Installation tape



Double-sided adhesive tape for fast and durable fixing of vapour checks and metallic profiles in dry-wall constructions.

- > Robust and durable excellent adhesive qualities
- > No chewing-gum effect, thanks to stable fibre inlay
- > Double-sided adhesive for fast, staple-less installation

Technical details	
Storage conditions	cool and dry
Working temperature	above -5°C
Temperature resistance	-40 to +80°C
Durability	>20 years

Article number	Roll dimensions	Carton content	Content of pallets
7640115531667	50 m × 20 mm × 0,3 mm	12 rolls = 600 m	28 cartons

# **Ampacoll® Primax** Primer for adhesive



Ampacoll® Primax is a solvent-free primer for Ampacoll butyl and acrylic adhesive strips on porous surfaces, such as masonry, plaster, concrete, bare wood, soft wood fibre board, etc.

- > Quick dry
- > Innovative non-stick screw cap
- > Handy square bottle that cannot roll away
- > Highly resistant even in unfavourable conditions (moisture, cold)
- > Solvent-free and odourless

	Technical detail	Technical details	
	Storage conditions	+5 to +25 °C (keep out of direct sunlight.)	
	Working temperature	-10 to +45 °C (Surroundings and surface)	
	Temperature resistance	-40 to +90 °C	
	Drying time ondry surfaces:	+20 °C approx. 15 min. +5 °C approx. 30 min. 0 °C approx. 45 min.	
	Consumption	65-85m (at 60mm width, depending on surface)	
	Colour	transparent	

Article number	Content	Carton content	Content of pallets
7640115536433	1000 ml	6 bottles	100 cartons

# **Ampacoll® Airmax** Primer for adhesive



Primer for Ampacoll adhesive strips on porous surfaces, such as masonry, plaster, concrete, bare wood, soft wood fibre board, etc. Suitable for use in difficult conditions (cold, damp)

- > Sprayable, faster than with a brush
- > Short drying time
- > Permanently tacky
- > Makes overhead and vertical work easier

Technical details		
Storage conditions	+5 to +25 °C (keep out of direct sunlight.)	
Working temperature	-5 to +35 °C (Surroundings and surface)	
Temperature resistance	-20 bis +80°C	
Drying time on a dry back- ground at:	+20°C approx.10 min. +5°C approx.20 min. 0°C approx.30 min. -5°C approx.40 min.	
Productiveness	30-70 m at 60mm width, depending on surface	
Colour	transparent	
Solvant	yes	

Article number	Content	Carton content	Content of pallets
7640115536273	500 ml	12 bottles	70 cartons

# **Ampacoll®** Elektro/Install Sleeves



Adhesive collar made of Tyvek® with an acrylic adhesive. Flexible, tear-resistant and age-resistant EPDM. Stays sealed even when moved or subjected to tensile loading.

Technical details		
Storage conditions	cool and dry	
Working temperature range	above -5°C	
Temperature resistance short-term up to	-30 to +130°C +160°C	
Durability	>20 years	
Outdoor weathering	3 months	



# **Ampacoll® Elektro 8**

8 – 11 mm

#### Fields of application

- > Data cable
- > Electrical cable
- > Electrical ductwork



# Ampacoll® Elektro 8 duo

2 × 8 – 11 mm

### Fields of application

- > Data cable
- > Electrical cable / Electrical ductwork
- > For double feed-through



# **Ampacoll® Elektro 15**

15 - 22 mm

#### Fields of application

- > Heating pipes
- > Electrical ductwork

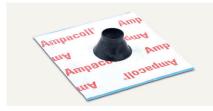


# **Ampacoll® Elektro 25**

 $25 - 32 \, \text{mm}$ 

#### Fields of application

- > Solar pipes
- > Water pipes



# Ampacoll® Install 42

42 – 55 mm

#### Fields of application

- > Waste water pipes
- > Solar pipes
- > Water pipes

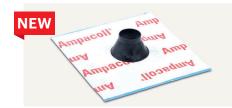


# **Ampacoll® Install 50**

 $50 - 72 \, \text{mm}$ 

#### Fields of application

- > Waste water pipes
- > Solar pipes
- > Water pipes



# **Ampacoll® Install 70**

72 - 90 mm

# Fields of application

- > Waste water pipes
- > Exhaust gas pipes
- > Water pipes
- > Ventilation pipes



# Ampacoll® Install 90

90 - 100 mm

# Fields of application

- > Waste water pipes
- > Exhaust gas pipes
- > Water pipes
- > Ventilation pipes



## **Ampacoll® Install 100**

100 - 110 mm

### Fields of application

- > Waste water pipes
- > Exhaust gas pipes
- > Ventilation pipes



# Ampacoll® Install 100 flex

100 - 130 mm

# Fields of application

- > Waste water pipes
- > Exhaust gas pipes
- > Ventilation pipes
- > Where a flexible feed-through is required

Article number	Description	Adhesive area	Sales unit
7640115533999	Ampacoll® Elektro 8 8-11mm	150 × 150 mm	3 cartons with 10 pieces each
7640115533982	Ampacoll® Elektro 8 8-11mm	150 × 150 mm	1 carton with 10 pieces each
7640115534033	Ampacoll® Elektro 8 duo 2 × 8 –11mm	150 × 150 mm	3 cartons with 10 pieces each
7640115534026	Ampacoll® Elektro 8 duo 2 × 8 –11mm	150 × 150 mm	1 parton with 10 pieces each
7640115534071	Ampacoll® Elektro 15 15-22 mm	150 × 150 mm	3 cartons with 10 pieces each
7640115534064	Ampacoll® Elektro 15 15 – 22 mm	150 × 150 mm	1 carton with 10 pieces each
7640115534118	Ampacoll® Elektro 25 25-32mm	150 × 150 mm	3 cartons with 10 pieces each
7640115534101	Ampacoll® Elektro 25 25-32 mm	150 × 150 mm	1 carton with 10 pieces each
7640115534156	Ampacoll® Install 42 42-55mm	230 × 230 mm	3 cartons with 4 pieces each
7640115537072	Ampacoll® Install 50 50 - 72 mm	230 × 230 mm	1 carton with 4 pieces each
7640115537119	Ampacoll® Install 72 72-90 mm	230 × 230 mm	1 carton with 4 pieces each
7640115537157	Ampacoll® Install 90 90-100 mm	230 × 230 mm	1 carton with 4 pieces each
7640115534149	Ampacoll® Install 42 42-55mm	230 × 230 mm	1 carton with 4 pieces each
7640115534194	Ampacoll® Install 100 100-110mm	320 × 320 mm	3 cartons with 4 pieces each
7640115534187	Ampacoll® Install 100 100-110mm	320 × 320 mm	1 carton with 4 pieces each
7640115534231	Ampacoll® Install 100 flex 100-130 mm	320 × 320 mm	3 cartons with 4 pieces each
7640115534224	Ampacoll® Install 100 flex 100-130 mm	320 × 320 mm	1 carton with 4 pieces each

# **Accessories**

# Adhesive technology







# Caulking gun

- > Suitable for tubular bags up to 620 ml
- > Ideal for Ampacoll® Superfix and Ampacoll® RA
- > Extremely robust
- > Strong non-slip aluminium tube
- > Thrust ratio 17:1
- > Smooth, consistent application thanks to two sliding bearings

Article number	
7640115533326	

## **Pressure rollers**

- > Roll material: silicone
- > Ball bearings
- > Single arm with wood handle

Article number	Roll width
7640115535740	45 mm
7640115535641	90 mm

# **Ampacoll® Pressly** Pressing aid

Article number	Sales unit
7640115536846	carton with 150 pieces each

«Seal every detail because energy loss costs money.»

Magnus Vohn **Export Manager** 

# Noise protection

# Idikell<sup>®</sup> M 4021/05 Heavy foil



Massive improvement in noise protection - depending on construction. Viscoelastic heavy foil with adhesive coating for use in construction, ventilation ducts, façade components, ceiling constructions, sinks, lightweight walls, doors, roller-fronted cupboards, baths, etc.\*

- > Excellent noise reduction
- > Reduces droning

Technical details	
Fire behaviour	Е
Weight	approx.10 kg/m²
Working- temperature	+15 to +20°C
Temperature resistance	-10 to +80°C
Storage conditions	dry, 10 to 25°C
μ value	2,02 × 10 <sup>4</sup>
Thickness	approx.5 mm

Article number	Sheet dimensions	Content of pallets
7640115535153	1000 × 500 mm × 5 mm**	90 pcs. = 45 m <sup>2</sup>
7640131990912	1000 × 500 mm × 5 mm**	180 pcs. = 90 m <sup>2</sup>

<sup>\*</sup> Note: Avoid direct contact between Idikell® M 4021/05 with materials that contain softeners or solvents.





Construction of a broadcasting studio with Idikell® heavy foils

<sup>\*\*</sup>Dimensional tolerances of ± 3 mm in width and length are possible.

# Noise protection

# **Ampaphon®** Melamid® B 600 **Neutral 30**

Melamin foam

Panel boards for enhanced indoor acoustics. Also suitable for small suspended ceilings.

Technical details		
Gross density	8,5 to 11,5 kg/m³	
Thickness	30 mm	
Colours	white and grey	
Fire behaviour	Е	

Article number	Sheet dimensions Colours		Carton content	
7640115534644	600 × 600 mm (±1%)	white	18 pcs. = approx.6,48 m <sup>2</sup>	
7640115534613 600 × 600 mm (±1%) grey 18 pcs. = app		18 pcs. = approx.6,48 m <sup>2</sup>		

Note: Slight colour deviations are possible.



# **Ampaphon®** Melamid® B 600 **Pyramid 65/20** Melamin foam



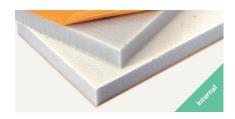
Panel boards for enhanced indoor acoustics. Also suitable for small suspended ceilings.

Technical details	
Gross density	$8,5 \text{ to } 11,5 \text{ kg/m}^3$
Thickness	65 mm
Colours	white and grey
Fire behaviour	Е

Article number Sheet dimensions		Colours	Carton content
7640115534705	600 × 600 mm (± 1%)	white	12 pcs. = approx. 4,32 m <sup>2</sup>
7640115534675	0115534675 600 × 600 mm (± 1%) grey 12 pcs. = appro		12 pcs. = approx. 4,32 m <sup>2</sup>

Note: Slight colour deviations are possible.

# **Ampaphon®** Melamid® B 801/30 W Melamin foam



Self-adhesive blanks / panels made of melamine foam to improve room acoustics. Coated with white glass fibre fleece on one side. Also suitable for small suspended ceilings.

Technical details	
Gross density of foam	$8,5 \text{ to } 11,5 \text{ kg/m}^3$
Glass fibre foam	white
Thickness	30 mm
Fire behaviour	E

Article number	Sheet dimensions	Carton content
7640115534736	600 × 600 mm (±1%)	18 pcs. = approx. 6,48 m <sup>2</sup>

Note: Slight colour deviations are possible.









# **Accessories**

# Noise protection



# Ampaphon® Z 600

These acoustic-oscillation elements provide a clear separation between structural shells and pliable decorative shells. The transmission of structure-borne vibration is effectively repressed by a special rubber in the crossover area. The oscillation elements can be used for ceilings and walls.

Technical details	
Tensile loading	max. 28 kg
Special features	no shear stress
Number of elements m <sup>2</sup>	approx. 3 to 4 items

> System accessory for Idikell®

Article number	Sales unit	
7640131992183	100 pieces	



# Ampaphon® Z 101/05

Self-adhesive felt tape as an accessory for Idikell®. Placement strips for floatlaying heavy foils.

Durability	>20 years

Storage conditions cool and dry

Technical details

Article number	Roll dimensions	Carton content
7640131992046	10 m × 40 mm × 5 mm	5 rolls = 50 m
7640131992077	10 m × 60 mm × 5 mm	5 rolls = 50 m



# Ampaphon® Z 200 adhesive

Low-emission installation adhesive for melamine foam.

Technical details	
Storage	12 months (not opened, frost- sensitive)
Working temperature	at least +15°C
Consumption	approx. 800 g/m <sup>2</sup>

Article number	Delivery
7640131994071	bucket with 6 kg

# Product catalogue

Ampacoll® Airmax	44	Ampatex® SB 130	27
Ampacoll® BK 530	41	Ampatex® Sinco	23
Ampacoll® BK 535	42	Ampatex® Solero (plus)	27
Ampacoll® BKF	39	Ampatex® Variano 3	25/29
Ampacoll® DoubleSeal	13	Ampatop® Aero (plus)	7/17
Ampacoll® DT	44	Ampatop® F black (plus)	19
Ampacoll® Elektro/Install	45	Ampatop® F Color	20
Ampacoll® F	38	Ampatop® Protecta (plus)	8
Ampacoll® FE	38	Ampatop® Seal	1
Ampacoll® Fenax 40/60	40	Ampatop® SealEdge	13
Ampacoll® INT	38	Ampatop® SealStripe	12
Ampacoll® LiquiSeal	12	Ampatop® Secura (plus)	8
Ampacoll® LiquiSeal Applicator	12	Caulking gun	47
Ampacoll® ND	35	Idikell® M 4021/05	49
Ampacoll® ND Duo	34	Pressure rollers	47
Ampacoll® Pressly	47	Sisalex® 30	33
Ampacoll® Primax	44	Sisalex® 303	25
Ampacoll® RA	35	Sisalex® 514	32
Ampacoll® RS	43	Sisalex® 518	32
Ampacoll® SealFix	13	Sisalex® 871	33
Ampacoll® SealForm	14		
Ampacoll® Sillskin	40		
Ampacoll® Superfix	35		
Ampacoll® TubeSeal	12		
Ampacoll® UV	37		
Ampacoll® XT	36		
Ampaphon® Melamid® B 600 Neutral 30	50		
Ampaphon® Melamid® B 600 Pyramid 65/20	50		
Ampaphon® Melamid® B 801/30 W	50		
Ampaphon® Z 101/05	51		
Ampaphon® Z 200 adhesive	51		
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Ampatex® Cento	24		
Ampatex® DB 90	23		
Ampatex® LDA 0.02 plus	31		
Ampatex® Resano®	29		

# **Adhesive Matrix**

#### Adhesive with e.g. overlapping of... Key 1 One side of material must be open diffusion Film must not exude any separating agents or lubricants Only as aid to assembly Only for edge connections Resano®, vapour check for renovation For external use Ampatex® Cento/Variano 3, vapour checks **Ampatop® Seal,** weldable roof membrane\* For internal use Sinco/DB 90, vapour checks Ampatop® F Color, coloured wind seals Use primer Ampatop® Protecta, roof membrane Ampatop® Secura, roof membrane Ampatop® F black, wall membrane roof membrane \* For the accessories to Sisalex® 30, trickle protection Ampatop® Seal see vapour check installation instructions 303, **Ampatop®** Ampatex® Ampatex® Sisalex® Ampacoll® XT, 60mm Ampacoll® XT, 60 mm, slit Ampacoll® XT, 75/100 mm Ampacoll® XT, 150/200 / 250 mm Ampacoll® Fenax 40/60 Acrylic adhesive tapes Ampacoll® UV, 60 mm / Ampacoll® F Color Ampacoll® INT, 60mm Ampacoll® FE, 60mm Ampacoll® DT, 20 mm weldable Ampacoll® Superfix1 Liquid adhesives Ampacoll® RA1 Ampacoll® RS, 4mm Ampacoll® RS, 6/10/20mm Ampacoll® BK 530, 1 × 15 mm Ampacoll® BK 530, 2 × 20 mm Butyl rubber adhesive tapes Ampacoll® BK 535 / Sillskin Ampacoll® F Ampacoll® BKF Ampacoll® Primax Primer Ampacoll® Airmax Nail seals Ampacoll® ND Ampacoll® ND.Band Nail sealing tape Ampacoll® ND Duo Ampacoll® Elektro and Install Sleeves

This information constitutes recommendations for optimum work results. Please ensure that you take note of the relevant product data sheets. Ampack will be happy to answer any questions you might have. Based on our experience and the recommendations given in the standards, mechanical protection should be used in the connection area. In many cases this facilitates the application of the interior lining. In order to ensure the optimum adhesion to guarantee the long-term wind and airtightness of the layers,

						edge connections of the membranes to e.g. panel materials															Penetrations of						
Sisalex® 514/518, vapour barrier	Sisalex® 871, radon barrier	Ampatex® SB 130/Solero, formwork membrane	Ampatex® LDA 0.02 plus, vapour check for renovations	Polyethylene foils	Wood, planed, dry, dust-free	Raw wood	Soft wood fibre board	Medium-hard/medium density fibre board	Hard wood fibre board	OSB (sanded and un-sanded)	Chipboard	Cement-bonded chipboard	Gypsum wall board	Gypsum fibre board	Rigid foam, cellular glass insulation	Smooth, dust-free concrete	Rough, mortar, plaster. etc.	Dust-free brickwork and porous concrete	Grouting, mortar, plaster, etc.	Metals (aluminium, steel, etc.)	PE components (e.g. cladding)	PVC components (e.g. windows)	Bitumen, sand or slate-surfaced strips, EPDM strips	Vapour pipes, electronical conduits, cables	Wood (rafters, purlins, etc.)	Chimneys, ventilation pipes (steel)	Blow and installation openings
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the surfaces to be bonded must be clean, dry and free from any dust, ice or grease. For production reasons, release agents are used on certain surfaces (e.g. ready-mixed and monolithic concrete, OSB panels, galvanised metal, etc.). In cases of doubt use a primer or undertake your own adhesion tests. Ongoing natural weathering or permanent moisture can damage the adhesive or make it unusable.

# General terms and conditions of business, Ampack AG

#### 1. General

a) The quotations, deliveries and services of Ampack AG are provided exclusively on the basis of these Terms and Conditions of Business. It will be assumed that these Terms and Conditions of Business have been accepted when an order is placed. Any deviating Terms and Conditions imposed by the customer will be rejected, unless otherwise agreed in writing. Ampack AC's General Terms and Conditions of Business apply to dealers and other customers who are not tradespeople.

b) Written confirmation will be required in each case for any deletion or revision to the General Terms and Conditions of Business.

c) Verbal assurances from Ampack AG will only become valid when they are confirmed in writing and undersigned.

d) Quotations are non-binding and subject to confirmation. The contract between Ampack AG and the customer only comes into force when the order is accepted by Ampack AG. Ampack AG will either accept the order by issuing an order confirmation or by delivering the ordered goods.

#### 2. Designs and technical documents

Brochures and catalogues are non-binding. Information given in designs and technical documents are only binding if they have been expressly guaranteed. Ampack AG retains all rights to the designs and technical documents it has provided. If no order is awarded, the designs relating to the quotation must be returned to Ampack AG immediately.

#### 3. Prices

a) The prices are quoted net, in Euro, ex-works, unpacked, excluding Value added Tax (VAT) and other duties, unless otherwise agreed in writing. Packaging, freight, carriage and any further costs will be invoiced separately.

#### 4. Payment terms

a) The purchase price must be paid net uppon separate agreement.

b) The agreed payment dates must be met by the customer, even if transport, delivery, installation or acceptance has been delayed or prevented for reasons that are not the responsibility of Ampack AG, or if unimportant parts are missing, or if it becomes clear that additional work is necessary, as long as this does make it impossible to use the delivered goods. The customer does not have the right to unilaterally curtail, offset or hold back payments as a result of complaints, claims or un-recognised counter-claims. This also applies in particular if it becomes clear that additional work is required on the delivered goods.

c) If the customer is in arrears with an agreed payment, Ampack AG has the right to cease carrying out the contract, or to retain goods that are ready for delivery, without any restriction of its statutory rights and without the customer having the right to demand compensation.

d) If the customer does not adhere to the agreed payment dates, he must, without notice being given, pay interest from the time the payment is due, at a rate of 4%over the rate charged by the St.Gallen Cantonal Bank for 1st new mortgages on residential properties. The customer must also pay the costs of advice and collection. The right to compensation for damages is retained. In addition, Ampack AG also has the right to withdraw from contracts already confirmed, without the customer having the right to claim compensation. If the customer is longer than two weeks late with a payment or provision of an agreed security, all the remaining amount will then become payable.

**5. Delivery**a) Delivery will be made on the date requested by the customer whenever possible. Delivery periods and dates notified/agreed will be maintained whenever possible, but are not binding unless Ampack AG has provided assurance to the contrary in writing. Delays in delivery do not provide reasons for withdrawal or compensation for the customer.

b) The delivery period begins as soon as the contract has been concluded, the necessary technical documentation from the customer has arrived at Ampack AG, the agreed payments and securities have been provided and the necessary official permits have been awarded. The delivery period has been maintained if the goods have arrived with the customer before the end of the period. The delivery period will be extended accordingly if the delivery period is not maintained due to circumstances such as epidemics, natural events, mobilisation, war, insurrection, employment conflicts, boycotts, accidents, significant interruptions to operations or official measures. The delivery period vill lose he extraded if the outstmer makes. cial measures. The delivery period will also be extended if the customer makes changes to the order after it has been awarded, or is late carrying out his statutory obligations, particularly if he does not deliver the necessary documents in good time, does not provide the agreed payments or securities or is late carrying out work that he must undertake.

c) If there is a delay in acceptance, the customer has a duty to compensate Ampack AG for any resulting damages. In such cases, Ampack AG has the right to deposit the purchased item at the cost and risk of the customer or to withdraw from the contract, with compensation from the customer for the damages thus suffered by Ampack AG. In particular, delay in acceptance applies if the customer unlawfully refuses to accept the purchased item because of delays in delivery.

#### 6. Packaging

The packaging will not be taken back.

Any unpaid technical advice is provided to the best of our knowledge, but excludes any pre-contract or contractual obligations. Ampack AG does not accept any re sponsibility for this advice, particularly for the correctness of the content of the advice.

#### 8. Transfer of risk and insurance

The risk is transferred to the customer at the time of delivery at the latest. This also applies in the case of partial deliveries, or if Ampack AG has taken responsibility for other costs, e.g., despatch costs, or carriage and installation.

#### 9. Place of fulfilment

The place of fulfilment for all the contractual services is Rorschach/Switzerland. unless otherwise agreed.

#### 10. Acceptance

The customer must check the goods and the associated delivery papers immediately upon receipt. Any claims regarding uncorrected defects (differences of quanti-ty/damage) will only be accepted within 24 hours, or within 6 days in the case of

#### 11. Claims for defects/Guarantee

a) The guarantee period lasts for 6 months from delivery to the customer. The guarantee from Ampack AG depends on the fulfilment by the customer of the agreed payment conditions by the agreed times.

b) Ampack AG has a duty to correct or replace, at its own decision and as quickly as possible, the delivery or any part of the delivery that is proven to be damaged or unusable as a result of defective material or implementation, at the written request of the customer. The right to cancellation or reduction of the sale is excluded. If a delivery is still affected by defects, despite replacement delivery or corrective work, Ampack AG can withdraw the defective delivery and repay the payments received. Material that has been replaced will remain the property of Ampack AG. The guarantee period (Clause 11 above) will not be extended as a result of individual correction work or replacement deliveries.

c) The guarantee and liability provisions exclude damages that can not be proved to be the result of poor material from Ampack AG or defective workmanship, but might for example be the result of normal wear and tear, defective maintenance, neglect of the instructions for use, excessive stress, unsuitable operational methods, construction or installation work not carried out by Ampack AG or other reasons for which Ampack AG is not responsible.

d) The only guaranteed characteristics are those specified as such in the specifica-

#### 12. Consequential damages

The entitlements of the customer to the guarantee and liability provisions are defi-nitively regulated by these Terms and Conditions. Subject to the obligatory statutory provisions, the customer has no contractual or non-contractual entitlements to compensation for damages such as loss of production, loss of benefits, loss of contracts, loss of earnings or other direct or indirect damages.

 ${\bf 13. \, Retention \, of \, ownership}$  a) The purchased goods will remain the property of Ampack AG until full payment of the purchase price, including interest and any other costs has been made, and Ampack AG will be empowered by the customer to register retention of ownership in accordance with Art. 715 ZGB (the Swiss Civil Code).

b) The customer may not sell or pledge, lend or hire out the purchased goods until full payment of the purchase price, including interest and any other costs has been made. In addition, the customer has a duty not to remove the purchase goods from his warehouse and/or his national territory without the express written permission of Ampack AG. If any pledge, retention or arrest should occur, the customer must refer to the retention of the right of ownership and advise Ampack AG immediately.

c) The customer has a duty to collaborate at his own cost with any necessary measures to protect the property of Ampack AG.

d) During the period of retention of ownership, Ampack AG has the right to conclude an insurance policy for its own benefit, at the cost of the customer, to cover all the risks that come into consideration.

#### 14. Declaration of consent under data protection law

Ampack AG processes data on the customer (incl. company name, address, personal details of the contacts within the company and other business-related data) and data on the customer's activities (incl. orders and complaints) in the context of the business relationship and for marketing purposes. Data processing includes the collection, storage, use, transmission, disclosure and deletion of data. These are performed with all due care and in accordance with Swiss data protection rules. By placing an order, the customer agrees that the customer data obtained by Ampack AG may be used directly and/or indirectly in the context of the business relationship and for marketing purposes, and may be transmitted and disclosed to business partners of Ampack AG (e.g. suppliers) for the same purposes. The customer expressly agrees that the data will also be transmitted to and processed in countries where laws regarding the processing of personal information may be less stringent than those of Switzerland. The customer's consent is given voluntarily and the customer has the right to revoke the consent to receive advertising at any time. The remaining data is required to be processed for business purposes within the context of the business relationship (including disclosure to third parties).

#### 15. Place of jurisdiction / Applicable law

a) The sole place of jurisdiction for any disputes arising from the relationship between the relevant parties is Rorschach/Switzerland. At its own wish, Ampack AG is also entitled to lodge claims against the customer at the customer's headquarters.

b) The legal relationship is subject to Swiss law. The validity of the United Nations Convention on Contracts for the International Sale of Goods dated 1st April 1980 (the Vienna Sale of Goods law) is excluded. In the event of any matter of interpretation or any other disagreement, the German language version of these Terms and Conditions are definitive.

#### CH-Rorschach, January 2009

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# For complete protection of the building shell

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