

Fire? I stay calm.



Non-combustible system of roof and façade membranes, vapour check and adhesive tapes ensures protection from both inside and outside



**Ampatop®
A silver plus**
Roof membrane

**Ampatop®
A black**
Façade membrane

**Ampatex®
A primo plus**
Vapour check
World's First





When every second counts, you need **systems that protect**

Within just five minutes, a small fire can escalate into a fully developed blaze. The consequences are devastating. Membranes of Euroclass B or E currently in use contain combustible material and release large volumes of toxic smoke. The results are obvious: danger to life, delays in rescue and firefighting, and immense property damage.

Ampack membranes of Euroclass A2-s1,d0 (tested to EN 13501-1) provide the solution, as they do not add to the fire load. Our products deliver maximum safety. We back this with clear specifications.

Why are Ampack products the best choice? They combine fire protection, functionality, aesthetics and ease of installation in a well-designed system of membranes and adhesive tapes.

- > **For highrise buildings and special structures**, many authorities require the use of non-combustible construction materials of Euroclass A1 or A2 – including for façade and roof systems.
- > **In ventilated façades too**, as little material as possible should contribute to the fire load in the event of fire. Regardless of theoretical classification, what really matters is the combustibility of the individual materials.



“With Ampack’s non-combustible products, you protect both people and buildings – while also looking ahead to the future. This makes fire protection a routine safeguard rather than a risk. At the same time, you can plan with confidence and rely on these products for the long term.”

[Christian Diethelm](#), Product Manager

Euroclasses

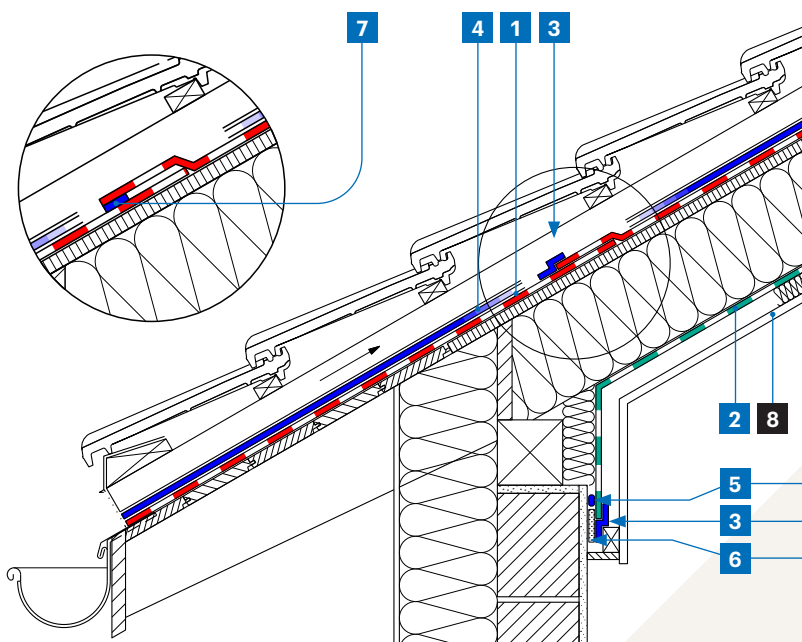
In Europe (EN standard), fire classes are categorised from A to F.

Class	Meaning	Description
F	Not classified	! No tested or fulfilled fire performance class
E	High flammability	! Burns quickly, no requirements regarding the formation of smoke/flaming droplets
D-s2,d0	Moderate flammability	! Burns noticeably ✓ Moderate smoke development
C-s1,d0	Low flammability	! Moderate contribution to fire ✓ Low smoke development
B-s1,d0	Very low flammability	✓ Low contribution to fire ✓ Low formation of smoke/flaming droplets
A2-s1,d0	Non-flammable	✓ Low contribution to fire ✓ Low smoke development ✓ No formation of flaming droplets
A1	Non-flammable	✓ No contribution to fire ✓ No formation of smoke/flaming droplets

Technical applications

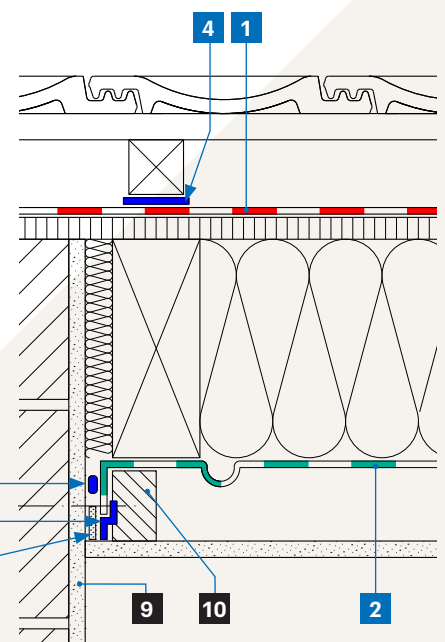
Eaves

Between-rafter insulation, single-skin masonry



Edge connection

With adhesive, timber to solid construction

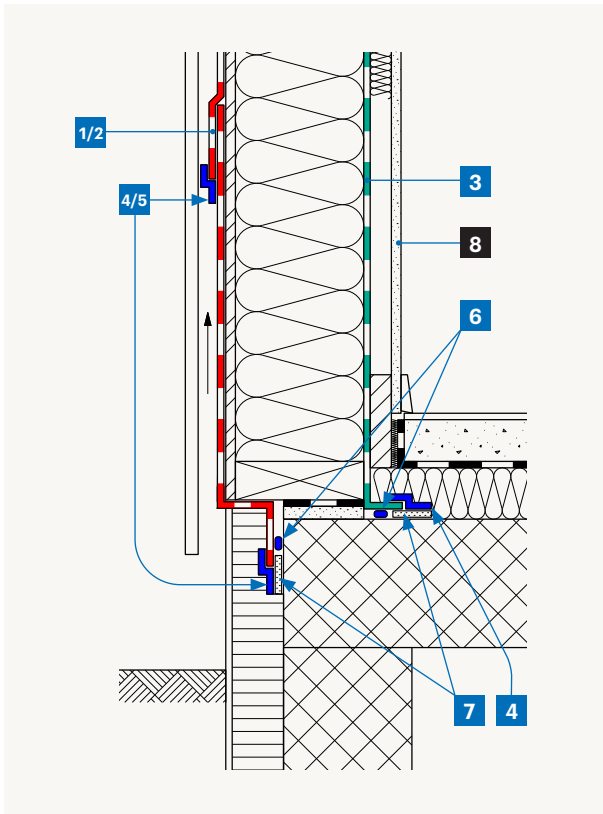


- 4** Nail-sealing tape **Ampacoll® ND.Band**
- 5** Liquid adhesive **Ampacoll® Profix**
- 6** Primer **Ampacoll® Airmax** or **Ampacoll® Primax**
- 7** Overlap bonding: **Ampatop® A silver plus** with integrated tape
- 8** Interior lining
- 9** Interior plaster
- 10** Pressure batten

Technical applications

Sill

With adhesive, timber wall on concrete slab



6 Liquid adhesive **Ampacoll® Profix**

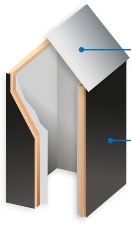
7 Primer **Ampacoll® Airmax** or **Ampacoll® Primax**

8 Interior lining



Technical details

Property		Ampatop® A black	Ampatop® A silver plus	Ampatex® A primo plus
s_d value		0,06m	0,08m	50 m
Resistance to water penetration		W1	W1	-
Weight		220g/m ²	430g/m ²	420g/m ²
Fire performance		A2-s1, d0	A2-s1, d0	A2-s1, d0
Tensile strength	longitudinal	2900N/5cm	3000N/5cm	2750N/5cm
	transverse	2150N/5cm	3200N/5cm	2280N/5cm
Elongation	longitudinal	4,4%	6%	4,8%
	transverse	3,2%	5%	4,6%
Resistance to further tearing	longitudinal	150N	580N	500N
	transverse	160N	450N	500N
Natural weathering period		9 months	9 months	-
Opening ratio (façade)		50mm/ 50%	50mm/ 50%	-
UV stability		> 10 years	-	-
Temperature resistance (long-term)		-35 °C to +120 °C	-35 °C to +90 °C	-35 °C to +90 °C
Emissivity		-	5%	5%
5000-hour test (EN 13859-2:2014)		passed	passed	-
Fall-through safety (DIN 4426)		passed	passed	-
Waterproofing at 2 kPa		-	-	passed



diffusion-permeable



Ampatop® A black

Ampatop® A black

Freedom in design.
Safety in the system.

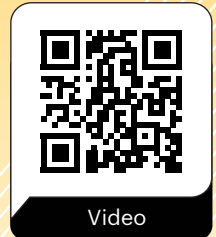
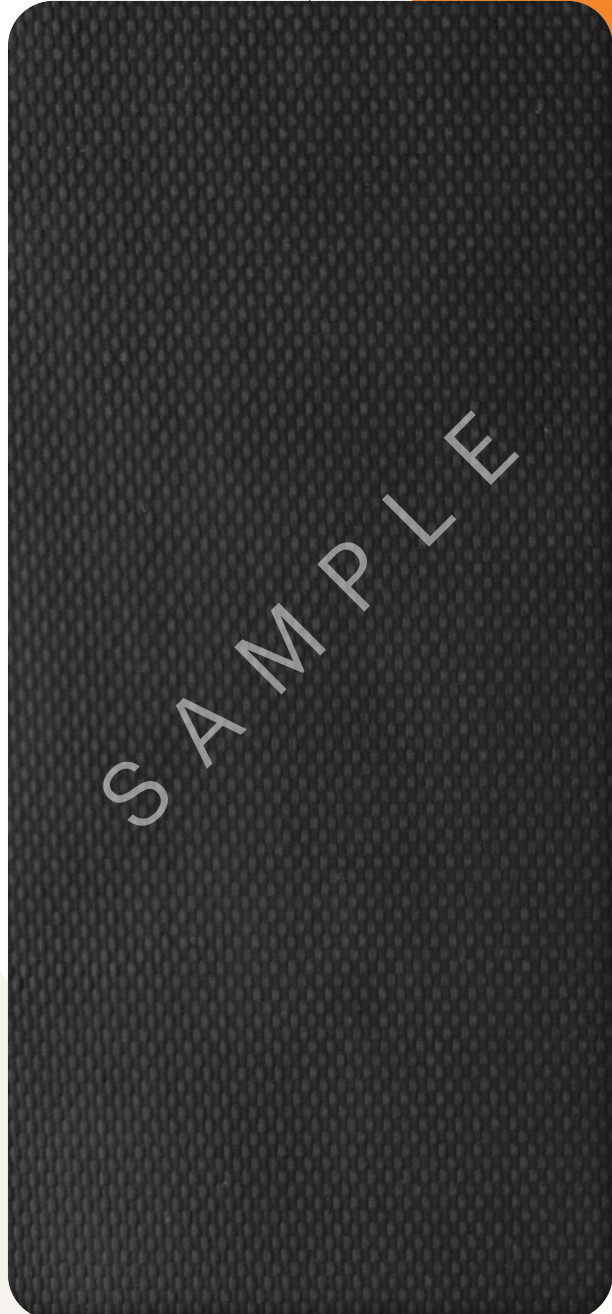
With **Ampatop® A black**, you can create elegant, open façades with the highest level of fire performance. The matt black, diffusion-permeable roof and façade membrane is the ideal solution for ventilated constructions and buildings with energy generation systems.

- > **Non-combustible:** no contribution to fire spread in the ventilation cavity
- > **Visually strong:** UV-stable, ideal for open façades with joints up to 50 mm/50%
- > **Practical:** fall-through resistant (DIN 4426)
- > **User-friendly:** 9 months exposure time
- > **Planning reliability:** high temperature resistance, including for PV systems

System thinking down to the last detail

With **Ampacoll® A Tape black**, you create reliable joints and surface bonding.

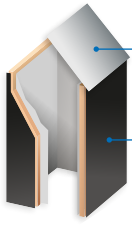
- > **A2-compliant:** as long as the bonded area is < 10%, the overall system remains Euroclass A2-s1,d0
- > **Visually fitting:** in black for harmonious integration
- > **Reliably sealed:** permanently secure in the tested system



Video

For those who want to combine
design and safety





diffusion-permeable



Ampatop® A silver plus

Reflective. Resistant.
Shielding.

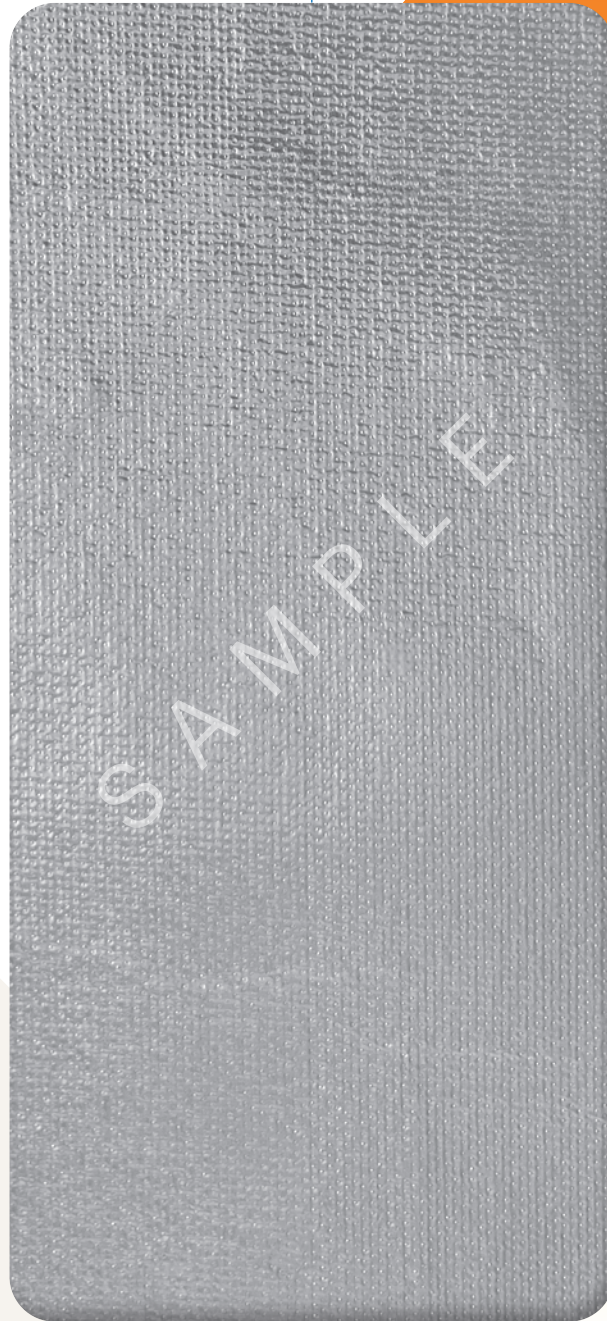
Ampatop® A silver plus is more than just a roof and façade membrane. It is your protective shield, comfort enhancer and energy manager. The reflective, diffusion-permeable membrane with the option of electrosmog shielding is the ideal solution for ventilated façades and installation beneath PV systems.

- > **Non-combustible:** prevents fire spread and reduces smoke development
- > **Multi-protection:** diffusion-open yet reflective to heat and electrosmog for a healthy indoor climate
- > **Easy to install:** suitable from 10° roof pitch, with integrated tapes
- > **Forward-looking architecture – robust technology:** fall-through resistant, also suitable for open façades with joints up to 50mm/50%

System thinking down to the last detail

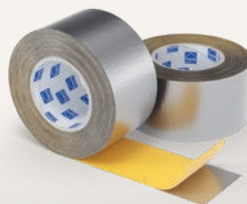
With **Ampacoll® A Tape silver**, you create reliable joints and surface bonding.

- > **A2-compliant:** as long as the bonded area is < 10%, the overall system remains classified as Euroclass A2-s1,d0
- > **Visually fitting:** silver finish for harmonious integration
- > **Reliably airtight:** permanently secure within the tested system

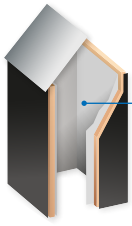


Ampatop® A silver plus

The shining solution for modern building shells



World's First



vapour retarding



Ampatex® A primo plus

Strong on the inside.
Safe on the outside.
Electrosmog? Shut out!

Our high-performance membrane is the first genuine, non-combustible vapour check with an s_d value of 50 m. This membrane combines hydrothermal protection, heat and radiation reflection with enhanced fire safety.

- > **Non-combustible:** protection from the inside for roof, wall and ceiling
- > **Unique:** moderate s_d value, controlled moisture protection
- > **Radiation shield:** reflects electromagnetic waves (electrosmog) and heat
- > **Structurally strong:** keeps the insulation securely in place

System thinking down to the last detail

With **Ampacoll® A Tape silver**, you create reliable joints and surface bonding.

- > **A2-compliant:** as long as the bonded area is <10%, the overall system remains classified as Euroclass A2-s1,d0
- > **Visually fitting:** silver finish for harmonious integration
- > **Reliably airtight:** permanently secure within the tested system



Video

The multifunctional
high-performance
vapour check



Ampatex® A primo plus

The building shell experts. Since 1946.

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