



AERPANEL

OUR VISUAL COMMUNICATION RANGE

EUROPEAN MANUFACTURER OF RIGID AND ULTRA-LIGHT SUPPORTS



Our brands



AERFLY®



www.aerpanel.com

AERPANEL, EUROPE'S LEADING MANUFACTURER OF HIGH-QUALITY AND 100% RECYCLABLE LIGHTWEIGHT XPS PANELS.

Our commitments

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Applications

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Our products

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Europe & UK manufacturing since 1992

We have been manufacturing in France since 1992, in Germany and the UK since 2004. Our family-run company has always hinged its strategy around local production, with all profits being reinvested in industrial processes and the development of new products. As a pioneer in circular economy, we recycle volumes equivalent to our production and we recycle all our waste. AERPANEL is an industrial expert in 4 major strategic business lines: extrusion of XPS foams, recycling, hotmelt coating and lamination. This gives us full control over manufacturing quality and enables us to innovate in response to our customers' needs.

We actively support



Material donations for schools
in sub-Saharan Africa



Charitable support for this association
that promotes art to stimulate memory
and prevent cognitive decline

Why partnering with Aerpanel?

Fast and agile organization centered on your needs

Our teams follow your operations and regularly make recommendation on technical or logistics optimization. We strive to build confidence over time and maintain a very personalized service.

Reduce your inventory with short delivery times and special formats

Our stock in France, Germany and the UK allows delivering full pallets in a matter of days and a complete truck is prepared in a couple of weeks, with reliable delivery dates. Besides, we can adapt to manufacture special formats on demand.

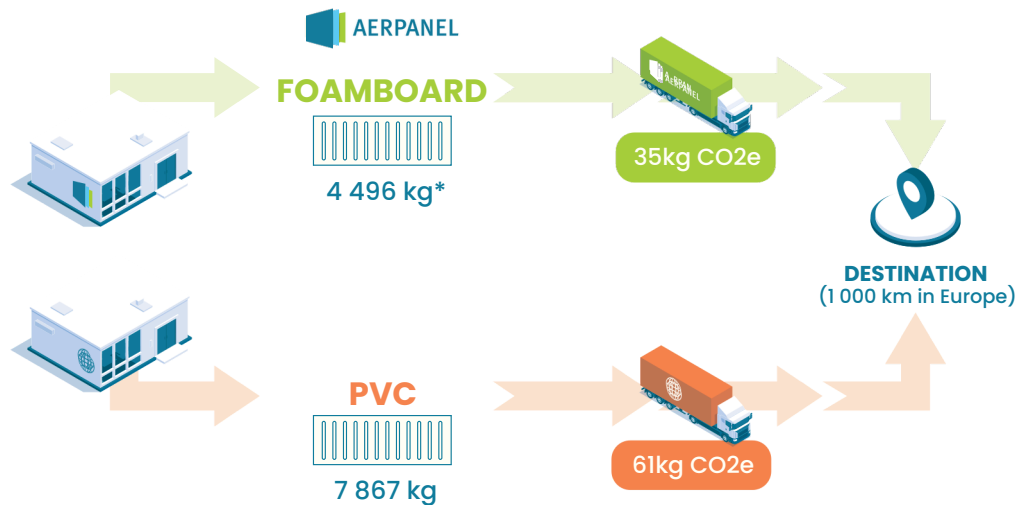
Saving CO2 emission with local manufacturing of lightweight panels

Since 1992, Aerpanel is committed to local manufacturing for a better service on the long run. No virus nor geopolitics event will impact our relationship. Transport is the main driver of CO2 emissions. Transporting light and local-made panels changes it all!

43 % CO2e reduction

BY CHOOSING FOAMBOARD OVER PVC

For the same number of panels and distance, lighter materials cut transport fuel use and CO2 emissions.



*Container 40 ft = approximately 4000 medium-sized panels

SAVINGS
FOAMBOARD VS PVC

-26k
of CO2e

corresponds to:

8874 km
by high-speed train

Paris > London
flight (for one person)

Our environmental commitments

An eco-design approach to create the lightest products on the market.

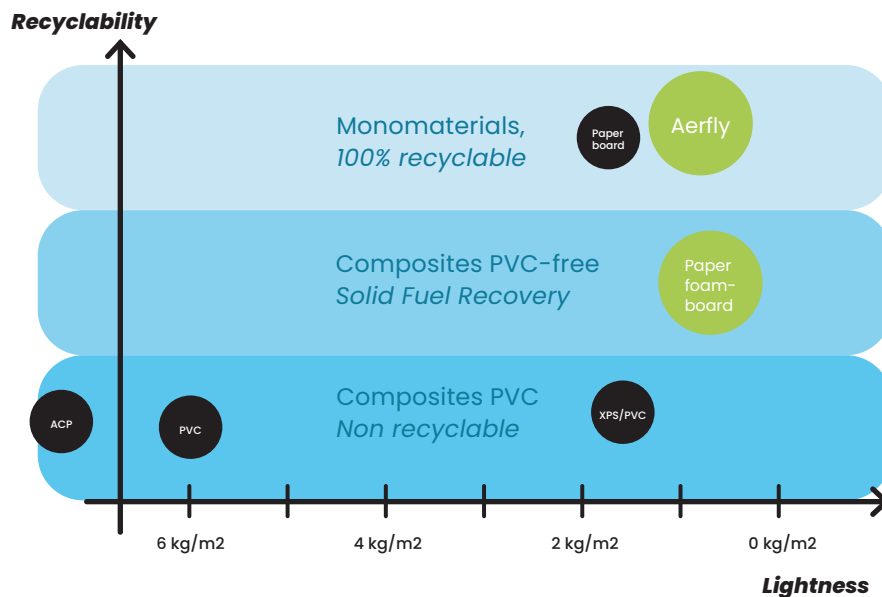
All our products are

0% PVC

100% Recyclable or Combustible

PEFC paper coating

Materials selected for their reduced environmental impact



Comparison of 10 mm rigid supports

What is XPS?

Extruded Polystyrene (XPS)

3% materials, 97% air.

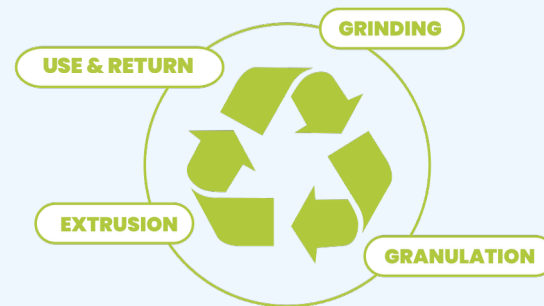
Inert molecule: very stable carbon chain polymer **Naturally white**, no chemical agents to whiten it **100% waterproof**, resistant to moisture

Food contact

Zero consumption of water during production & recycling processes.

XPS is a **100% recyclable thermoplastic material**
Each panel contains **up to 30% of recycled material**

Since many years, we close the loop of circular economy



Discover how
we recycle—
watch our video!



PANELS PERFECTLY ADAPTED TO

Outdoor events

Humidity-resistant

Lightweight and easy to install

Good print quality





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- 1 AIRPLAC PLASTIMO – Signage for Fespa Event
- 2 AIRPLAC PREMIER – Signage totem
- 3 AERFLY – Outdoor signage
- 4 AERFLY – Outdoor signage

PANELS PERFECTLY ADAPTED TO

Set design and window displays

Easy to cut

Up to 3,05 meters in length

Exceptional print quality





2



3



4

- 1 AIRPLAC PLASTIMO – Exhibition AIRT DE FAMILLE act 3
- 2 AIRPLAC PREMIER – POS
- 3 AIRPLAC CARTRIDGE – POS
- 4 AIRPLAC – letters cut from Block White

PANELS PERFECTLY ADAPTED TO

Visual communication and POS displays

Indoor or
outdoor use

Exceptional rigidity-to-lightweight
ratio

Outstanding print quality





- 1 **AERFLY** - Hanging Sign Dublin airport
- 2 **AERFLY** - printing by Mimaki on JFX600-2513
- 3 **AIRPLAC PREMIER** - print sample
- 4 **AERFLY** - Dividing partitions (Design : Dubourdon)

AIRPLAC® range

The lightest and most rigid substrate material on the market.

AIRPLAC® is designed for high quality printing and cutting. Our main range is based on two foam densities and several types of paper coating.



Available from 3 to 10 mm thickness.



SEMI-RIGID

AIRPLAC® PREMIER

The lightest rigid substrates on the market with semi-rigid foam and an extra-white paper.

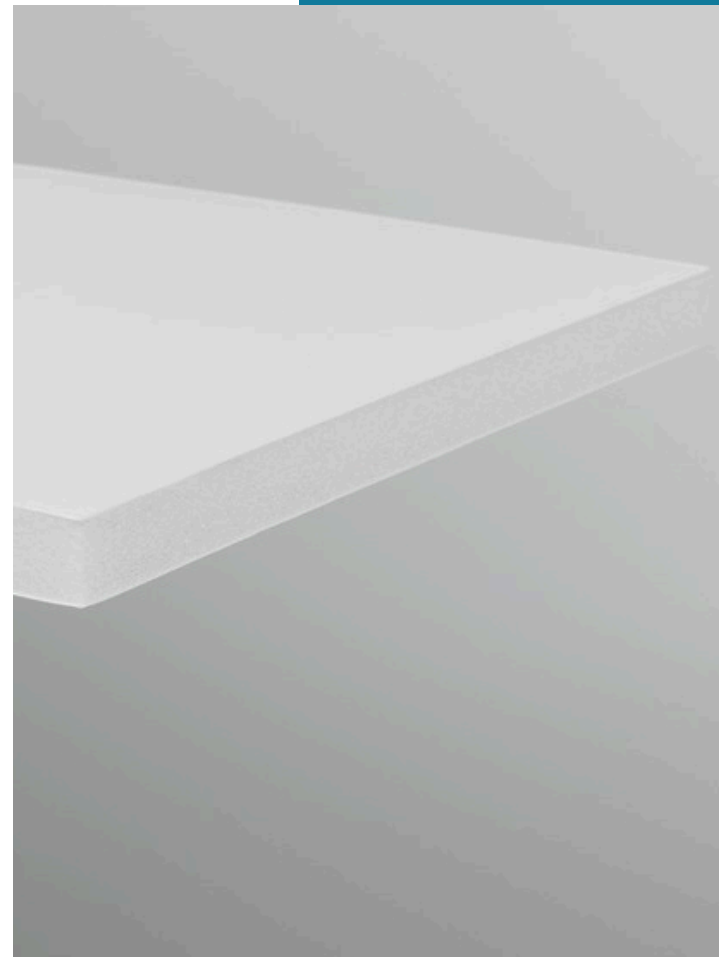
Certified for HP Latex inks and well-known for its high print quality.

- Large formats printing, hanging signs, POS
- Easy to cut, glue, machine and fold
- PEFC paper, 0 % PVC
- 100 % recyclable as fuel



Formats (mm)	Thickness (mm)			
	3	5	10	20
700 x 1 000	✓	✓	✓	
762 x 1 016*	✓	✓	✓	
1 000 x 1 400	✓	✓	✓	
1 016 x 1 524*	✓	✓	✓	
1 220 x 2 440	✓	✓	✓	
1 400 x 3 000		✓	✓	
1 524 x 3 050		✓	✓	

*Available in the UK Only



RIGID

AIRPLAC® CARTRIGE

With the same paper as the PREMIER range, the CARTRIGE is made with a denser foam which gives it more rigidity.

- Large formats printing, hanging signs, POS, window displays
- PEFC paper, 0 % PVC
- Remains perfectly white (does not yellow overtime)
- 100 % recyclable as fuel

Formats (mm)	Thickness (mm)			
	3	5	10	20
1 524 x 3 050		✓	✓	



RIGID

AIRPLAC® PLASTIMO

Rigid panel with PE coated paper on rigid foam. The PE coating is a moisture barrier, makes the panel washable, lights up the colors and facilitates folding to produce POS. Can be used outside for some days.

- Digital printing, cutting, window campaigns, free standing POS
- PEFC paper, 0 % PVC
- Remains perfectly white (does not yellow overtime)
- 100 % recyclable as fuel

Formats (mm)	Thickness (mm)			
	3	5	10	20
1 524 x 3 050		✓	✓	



AERFLY® Range

100% recyclable, PVC-free, single-material panel for indoor and outdoor visual communication applications

AERFLY® boasts an exceptional lightness x rigidity ratio, the result of a manufacturing technology developed by the AERPANEL group that is unrivalled worldwide.

AERFLY® is directly printable and is used for display panels, hanging signs, point-of-sale advertising and lettering.



**Compared to a PVC panel,
AERFLY® is 5 times lighter**



EXTRA-RIGID AERFLY®

Extra strong, recyclable, PVC-free and hydrophobic single-material panel.
Ultra-light (1 m² = 1 kg), this innovative material can be printed directly and worked like wood for interior and exterior projects.

- POS, hanging panels, light furniture and temporary signage
- 5 times lighter than PVC, outdoor installation
- Remains perfectly white (does not yellow overtime)
- 100 % recyclable

Formats (mm)	Thickness (mm)		
	5	10	20
700 x 1 000		✓	✓
1 200 x 2 400		✓	✓



AIRPLAC® PREMIER

Certified for HP latex inks

Airplac panel is compatible with HP Latex printers and has been certified graphic arts media solutions in their european headquarter in Barcelona in June 2024

Certified for
HP Latex Inks

Our panels have been tested and approved
by market leaders:

Canon

EPSON

euromedia

Roland

VANGUARD™
DIGITAL PRINTING SYSTEMS
A Dainippon Ink Company
American Innovation. Worldwide Precision.

Mimaki®

KONGSBERG
Precision Cutting Systems

Fogepack
Consommables

**Our
dealers'
network**



The Aerpanel Group is at your disposal to meet your needs

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