



# CATALOGUE 2025

- 1 WHY AND HOW TO WORK WITH US P.2-7**
- 2 FOAM BOARD, FOAM PANELS P.8-20**
- 3 MODELING WOOD P.21-23**
- 4 TOOLS AND ACCESSORIES P.24-33**

1

# WHY AND HOW TO WORK WITH US?

# OUR OFFER, OUR COMMITMENT

**Our offer includes a wide range of foamboards, model wood and tools** for your volume creations in the sectors of fine arts, framing and creative hobbies.

**We sell exclusively to specialist retailers.** Our products are used by college and university students, model makers, artists, set designers, individuals, associations, framers, and communications agencies.

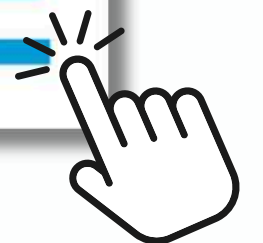
We have been manufacturing our products in France since 1992, and in Germany and England since 2004. **Local manufacturing** has remained at the heart of the strategy of this family company, whose profits are reinvested in industrial processes and the development of new products.

Pioneer of the circular economy, **we recycle volumes of material that are equivalent to our production** and revalue all our waste.

**Our initiatives are aligned with the United Nations Sustainable Development Goals.** Adopted by 193 countries, these goals are a call to action for all countries and businesses to join forces and tackle the world's most pressing social and environmental challenges.

[Click for details of our policy](#)

 **OBJECTIFS  
DE DÉVELOPPEMENT  
DURABLE**

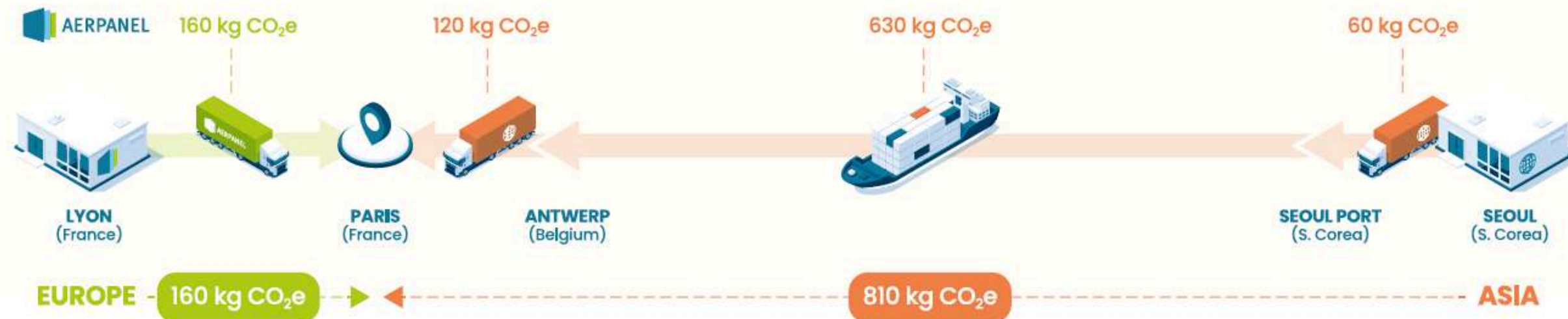


# LOCAL MANUFACTURING = REDUCED EMISSIONS

Sourcing products manufactured in Europe or the UK for European or English consumers means an 80% reduction in CO<sub>2</sub> emissions compared to importing from Asia!

## 80% CO<sub>2</sub>e REDUCTION BY SOURCING IN EUROPE VS. ASIA

Comparison of CO<sub>2</sub> emitted by the transport for a full container of foamboard (4 497 kg), delivered to a retail customer in Paris.



SAVINGS  
EUROPE VS ASIA  
-650 kg  
of CO<sub>2</sub>e

corresponds to:

 **5 333 km**  
of car travel

 **13 000 kWh**  
yearly energy consumption  
of an average home

It also saves time and reduces your inventory.

A container from Asia arrives in 4 to 6 months, a “mixed” **Aerpanel pallet** arrives in 1 week.

**Quick upgrade of your stock**, based on sales and on a few references if necessary.



# OUR FACTORIES

Up to 30% recycled materials in our panels

100% of waste recovered or recycled

25% of the energy consumed by the plant comes from geothermal sources

80,000 kWh of solar energy used in production

FRANCE



UK



GERMANY

1.5 million m2 of panels produced each year

Each year, our volume of recycled foam is equal to our production volumes



Foam extrusion and recycling in video

The paper is PEFC certified

# WORKING DAILY WITH AERPANEL

## Flexible and fast order management



Order strats from 1 mix Pallet

400 references in stock

Order preparation within 48 hours

Transportation management

Special formats on request

Personalized support and advice

## Marketing tools to help you sell more



Private access to our MEDIA database

Tutorials available online

Portfolio of achievements on the site

Inspiration / Instagram

Educational YouTube Videos



# THEY OFFER OUR PRODUCTS

**boesner**  
MATÉRIEL POUR BEAUX-ARTS

LE GÉANT  
DES BEAUX-ARTS



**Rougier & Plé**



■ ■ Coopération Française

GRUPE  
**GRIF**  
BEAUX-ARTS

**Cultura**

**Q<sup>z'</sup>ART**

**SCHLEIPER®**

**LONDON  
GRAPHIC  
CENTRE**

**ZUMSTEIN**

**hobbycraft**

*Jackson's*



NEUILLY  
DESSIN

**A ARTIKON**

**2**

# **FOAMBOARD FOAM PANELS**



# FOAMBOARD (PU) OR FOAMBOARD (XPS) ?

Foamboard exists mainly in two technologies

- Extruded polystyrene foam (XPS), covered with paper on each side
- Polyurethane foam (PU), covered with paper on each side

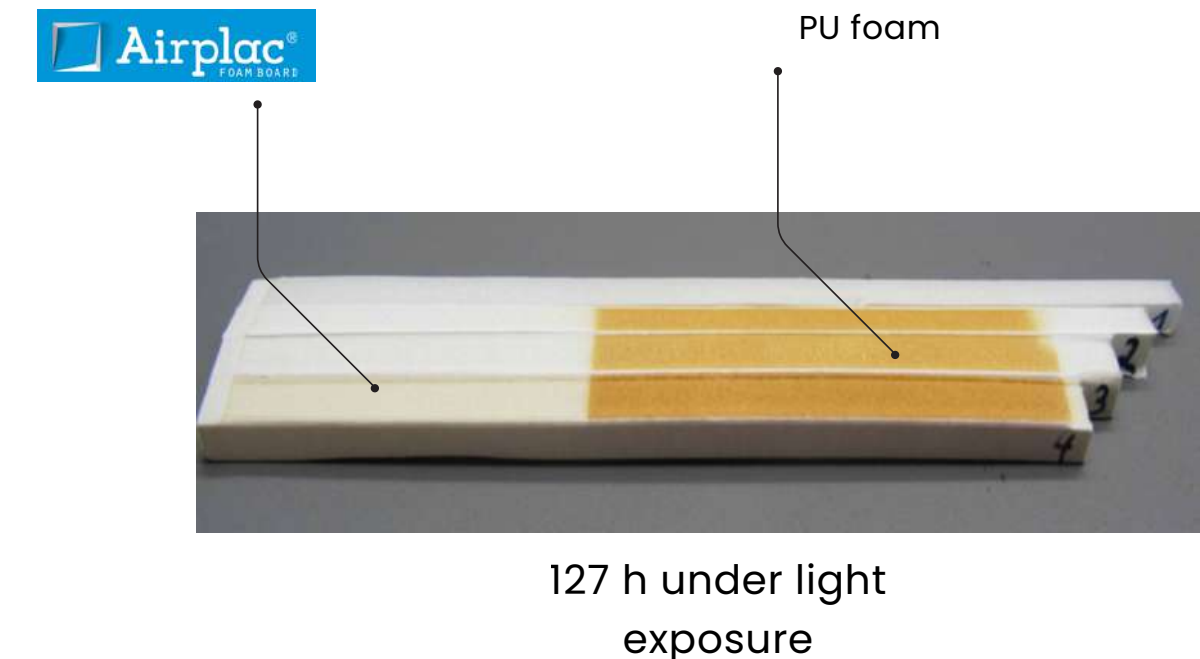
**Since its creation, Aerpanel has chosen extruded polystyrene foam:**

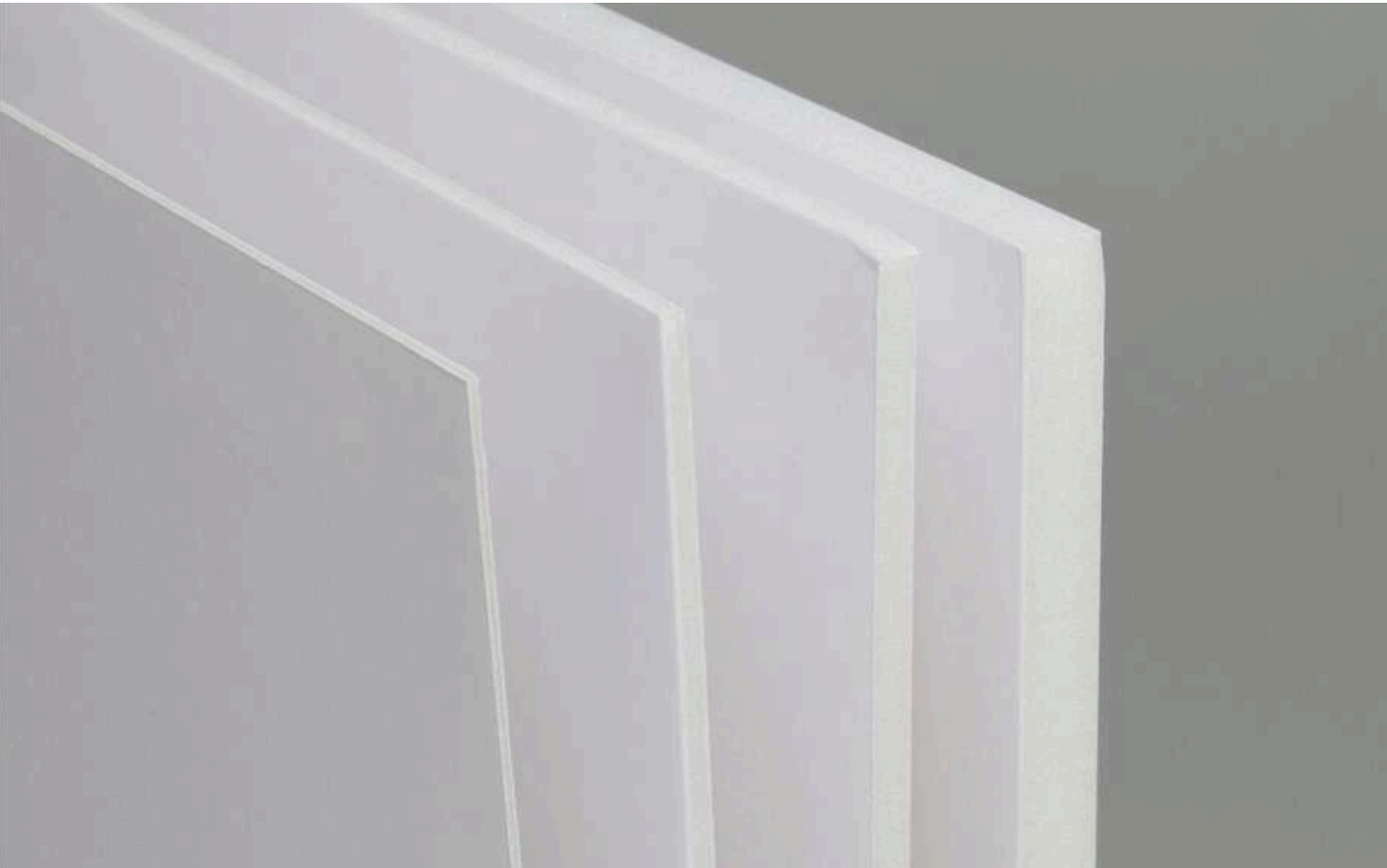
**It remains perfectly white**, unlike PU foam which yellows quickly

**It is recyclable, unlike PU.** Our panels contain up to 30% recycled materials.

**PU combustion fumes are deadly (HCN)** if you laser cut or use hot wire.

**Polystyrene foam is elastic**, which opens up many possibilities when using it.



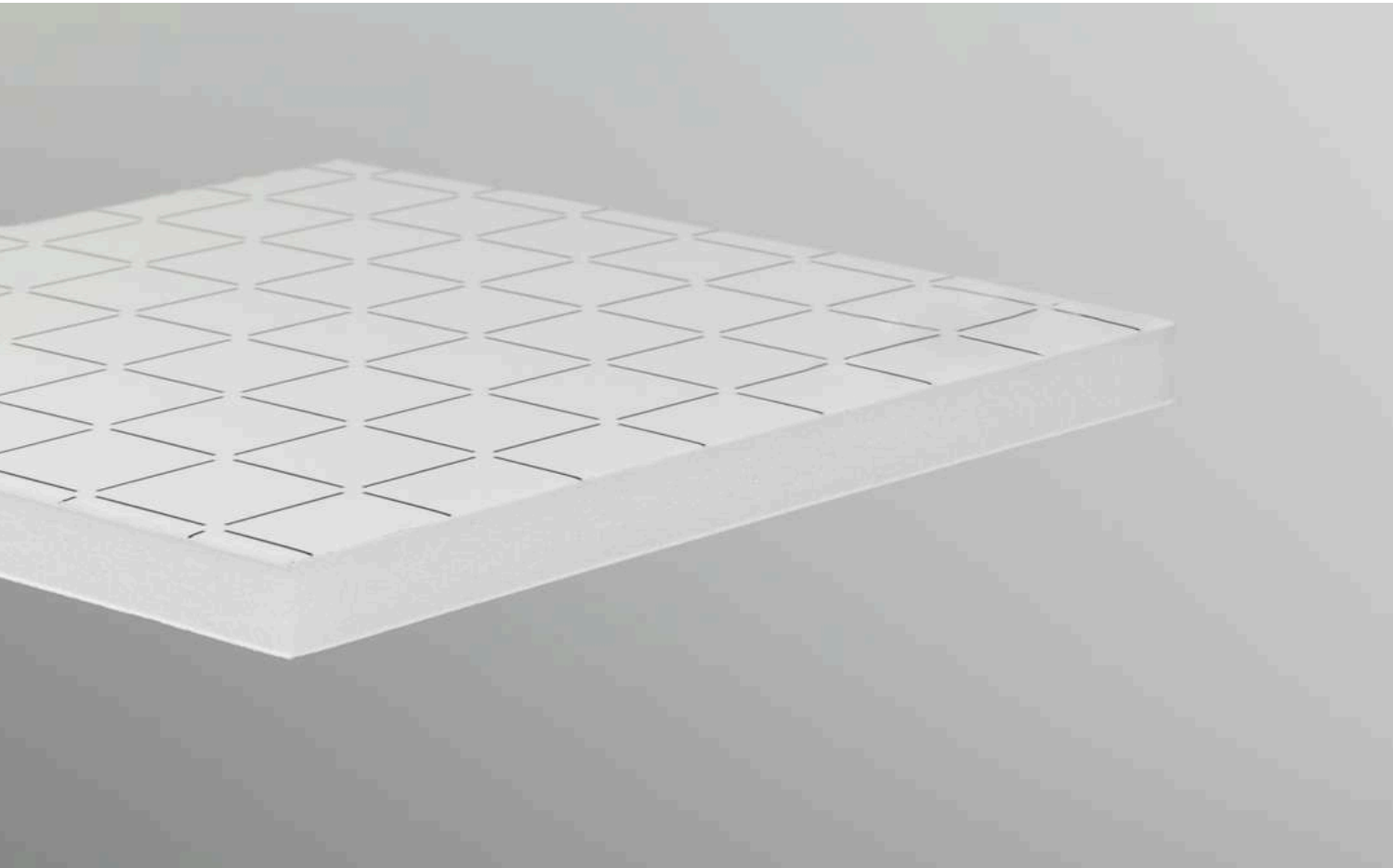


**Versatile, very lightweight foam board**

Light and rigid, coated with extra-white satin paper, the PREMIER range is essential for making models and sets, and can also be used as a painting surface.

- PH: 7.5 – 9.5 (acid-free)
- DIN/ISO 97065
- PEFC certified paper

Thickness	Minimum size	Maximum size
3 mm	A4	100x140 cm
5 mm	A4	122x244 cm
10 mm	50x70 cm	122x244 cm



## Foam board with a self-adhesive side

Protected by a silicone sheet; ideal for photo mounting, poster support, arts and crafts, glitter and sand painting. It preserves the quality of the laminated document over time.

- PH: 7.5 - 9.5 (acid-free)
- Adhesive compatible with paper, varnished cardboard, plastics, etc.
- Protective film: white grid protective paper
- PEFC certified paper

Thickness	Minimum size	Maximum size
5 mm	A4	100x140 cm
10 mm	50x70 cm	100x140 cm



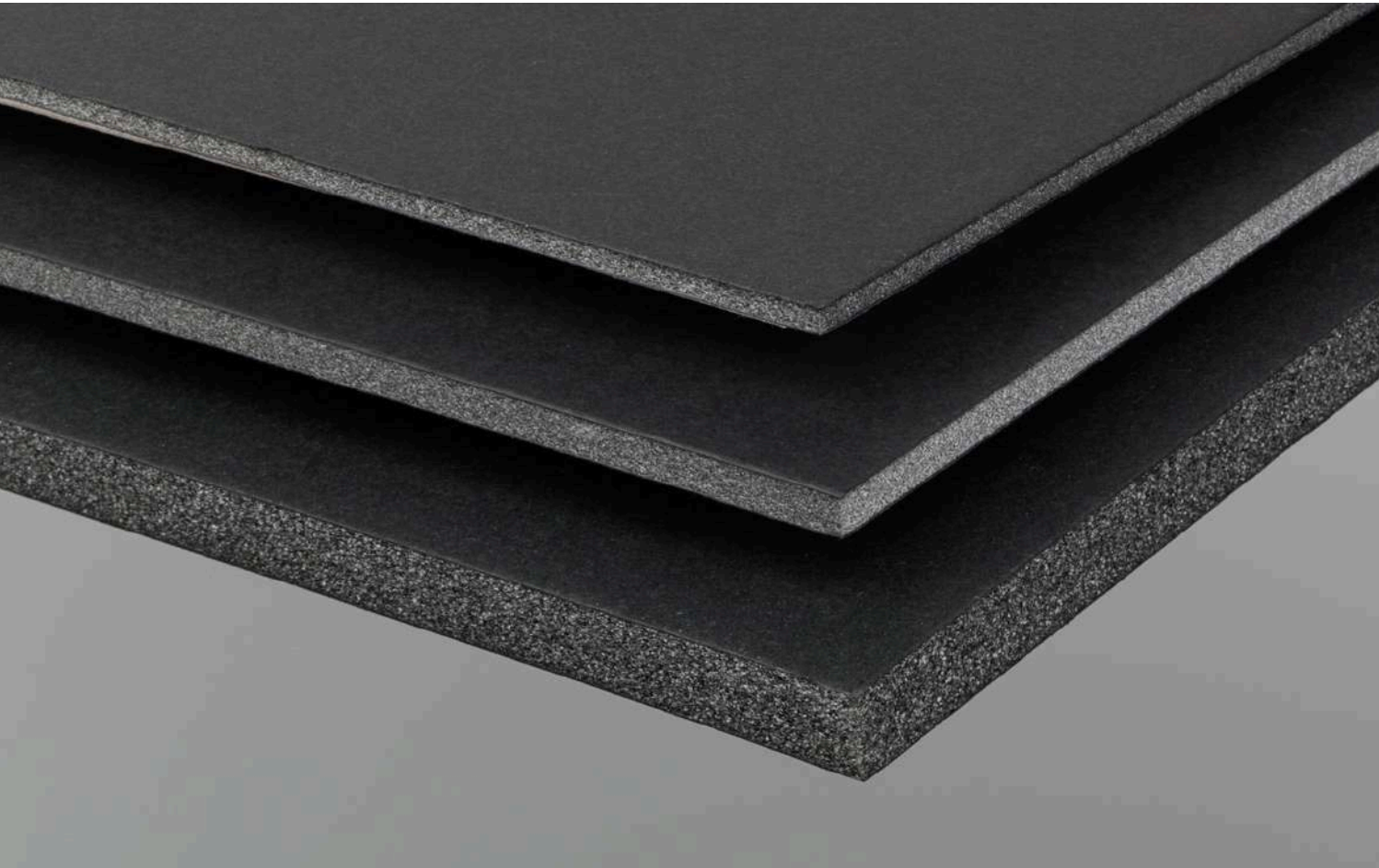
**Foam board coated with fine art matte paper**

Extra-white matte wash paper available in very thin thicknesses, GRAPHIC is a high-end support for models or used as a rigid support for dry and wet techniques, the works can therefore be exhibited without framing!

- PH: 7.5 - 9.5 (acid-free)
- Uncoated white paper
- DIN/ISO 97065
- Up to 30% recycled material in the foam
- PEFC certified paper

Thickness	Minimum size	Maximum size
1,5 mm	50x70 cm	70x100 cm
2 mm	50x70 cm	70x100 cm
3 mm	30x30 cm	50x70 cm
5 mm	50x70 cm	50x70 cm





## Black foam board, elegant black uncoated paper

Made from foam and high-quality mat paper, dyed throughout; for making models, Marie-Louise, boxes, photo supports or ultra-light drawing supports.

- PH: 7.5 - 9.5 (acid-free - ISO 6588-1)
- Uncoated black paper
- Up to 30% recycled material in the foam
- PEFC certified paper



Thickness	Minimum size	Maximum size
5 mm	A4	100x140 cm
10 mm	50x70 cm	100x140 cm



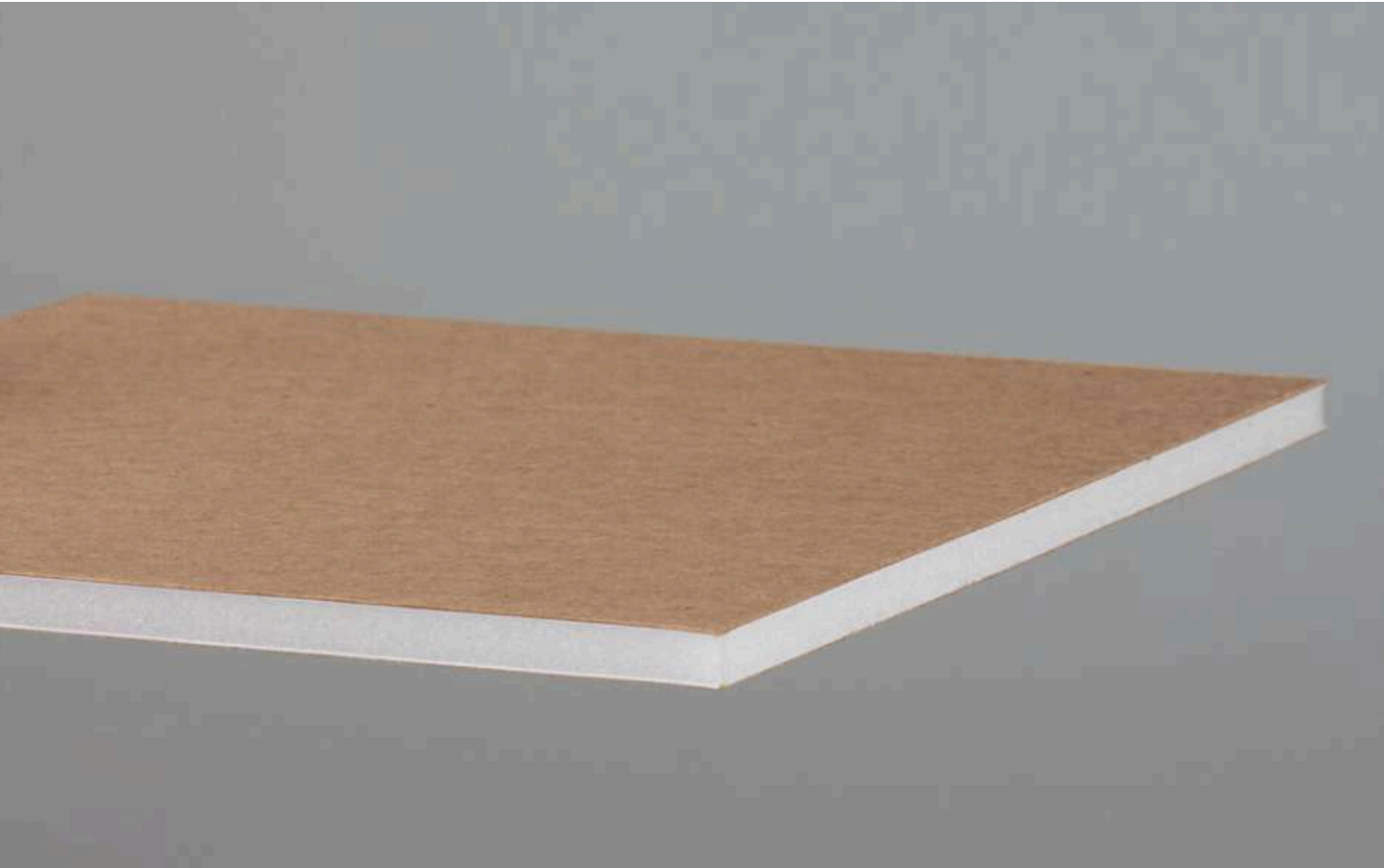
**Foam board with one color on each side; a unique and creative color association**

Black foam core, covered on both sides with black and gray matte paper: DUO foam board gives your creations a chic and creative finish, particularly as a presentation support, for photos or as a mood board.

- PH: 7.5 - 9.5 (acid-free)
- Uncoated, matte gray paper
- Uncoated, matte black paper
- Up to 30% recycled material in the foam
- PEFC certified paper

Thickness	Minimum size	Maximum size
5 mm	50x70 cm	70x100 cm





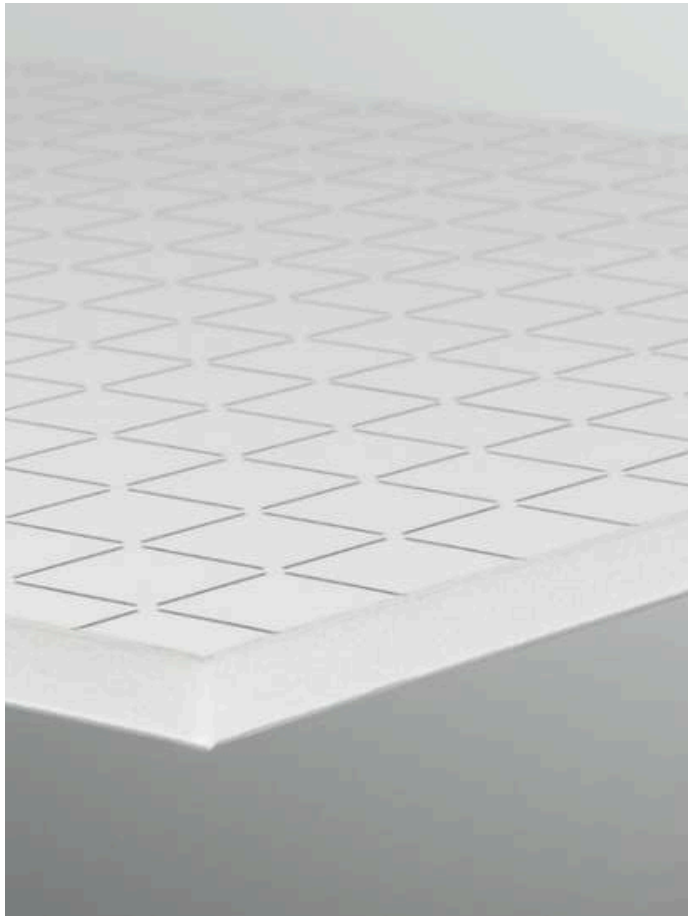
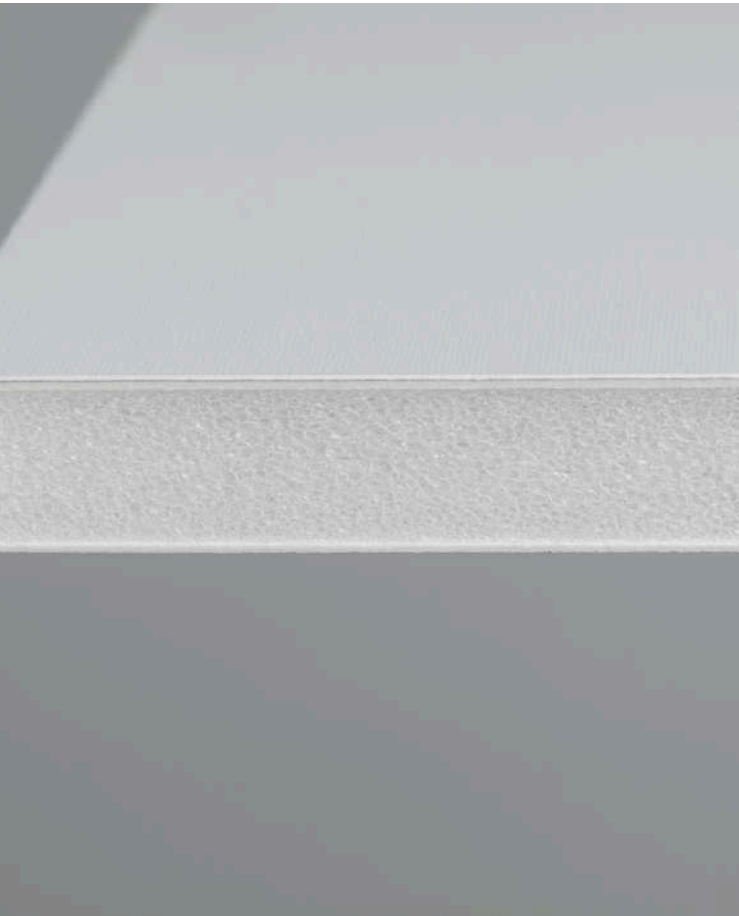
## Foam board with the natural effect of recycled kraft

Foamboard covered with 100% recycled kraft paper for a more natural effect. With 2 layers of paper on each side, kraft is more rigid and can be used as a construction, drawing or presentation material (menu, wedding decoration, etc.)

- PH: 7.5 – 9.5 (acid-free)
- Recycled paper, natural brown
- Up to 30% recycled material in the foam
- PEFC certified paper



Thickness	Minimum size	Maximum size
5 mm	50x70 cm	70x100 cm



## Very rigid, very flat and moisture-resistant panel

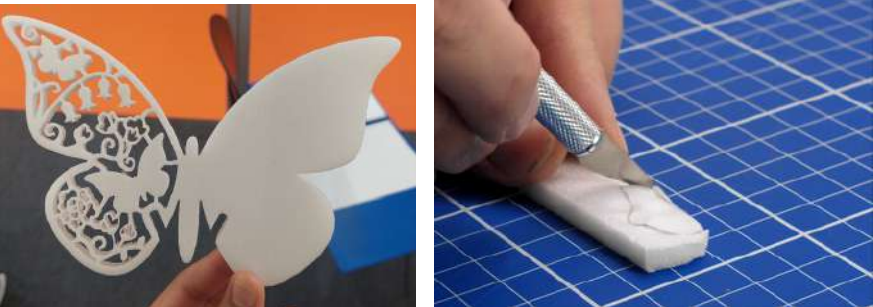
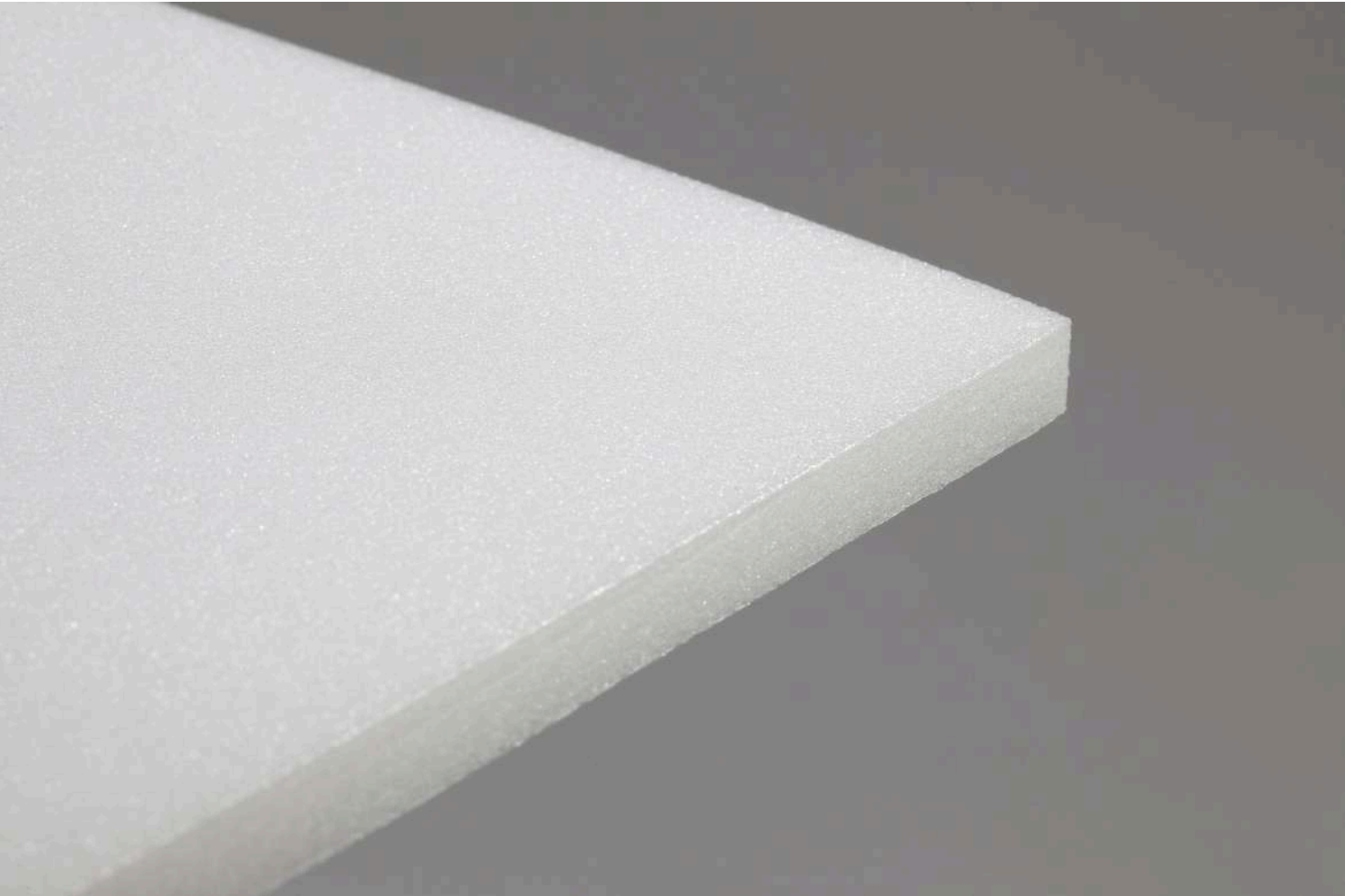
Essential support for mounting photos, posters or plans during architectural competitions.

Self-adhesive one-sided option for professional lamination without the use of additional glue

- PH: 7.5 - 9.5 (acid-free)
- Paper + Metallized Polyester Film
- Up to 30% recycled material in the foam
- PEFC certified paper

Thickness	Minimum size	Maximum size
5 mm	70x100 cm	100x140 cm
10 mm	70x100 cm	100x140 cm



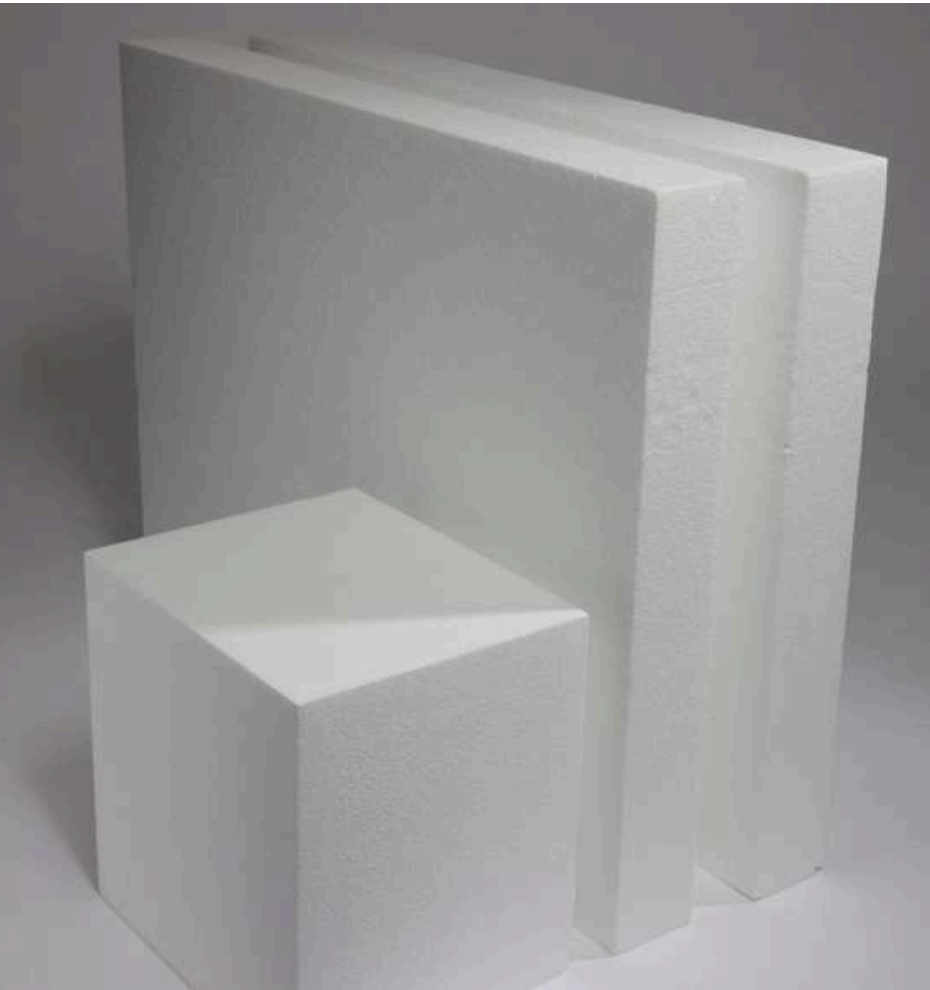


## Soft foam panel, without paper covering

This foam is easily cut with a cutter, hot wire, or laser. Very light and flexible, this material can be engraved with simple pressure and sculpted, making it an ideal first linography medium for children, in complete safety.

- PH: 7.5 - 9.5 (acid-free)
- NO paper
- Up to 30% recycled material in the foam
- Recyclable

Thickness	Minimum size	Maximum size
3 mm	50x70 cm	70x100 cm
5 mm	50x70 cm	70x100 cm
10 mm	70x100 cm	70x100 cm



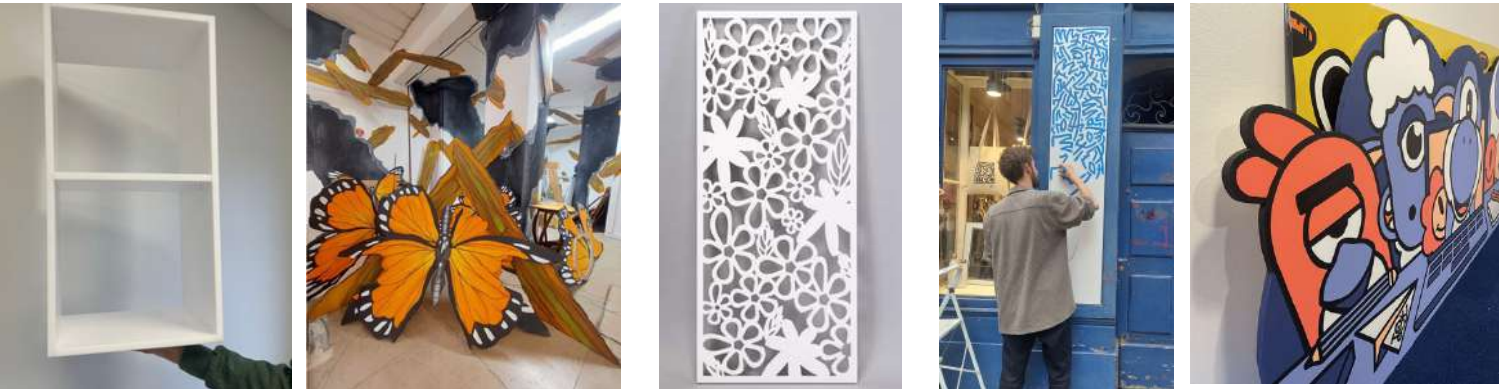
## Foam block ready to carve

The very fine and unique grain size of this material allows for precise cutting and sanding. Used in architecture for volume models, theater sets, artistic sculptures or lettering.

- Acid-free
- No paper
- Solid, high-density XPS foam, 31 - 40 kg/m<sup>3</sup>
- Cut with a simple cutter, hot wire
- Compatible with solvent-free glues
- It is printed

Thickness	Minimum size	Maximum size
30 mm	145 x 145 mm	600x1250 mm
50 mm	145 x 145 mm	600x1250 mm
80 mm	145 x 145 mm	600x1250 mm

NEW



Recyclable panel, ultra-light and rigid like wood

This single-material panel can be printed, painted, screwed, and cut with precision. Perfect for stage sets, lightweight furniture, or as a base for painting, outdoor murals, or photo collages.

- 100% recyclable
- Hydrophobic
- Density 100 kg/m3
- 10 mm : 1 kg/m2 ; 20 mm : 2 kg/m2
- Cutting with cutter, hot wire, saw, jigsaw, laser
- High compressive strength 500 kpa (ISO 844) for 10 mm, 1050 kpa for 20 mm

Thickness	Minimum size	Maximum size
10 mm	A3	120x240 cm
20 mm	A3	120x240 cm





Ask for our sample box  
[contact@aerpanel.com](mailto:contact@aerpanel.com)

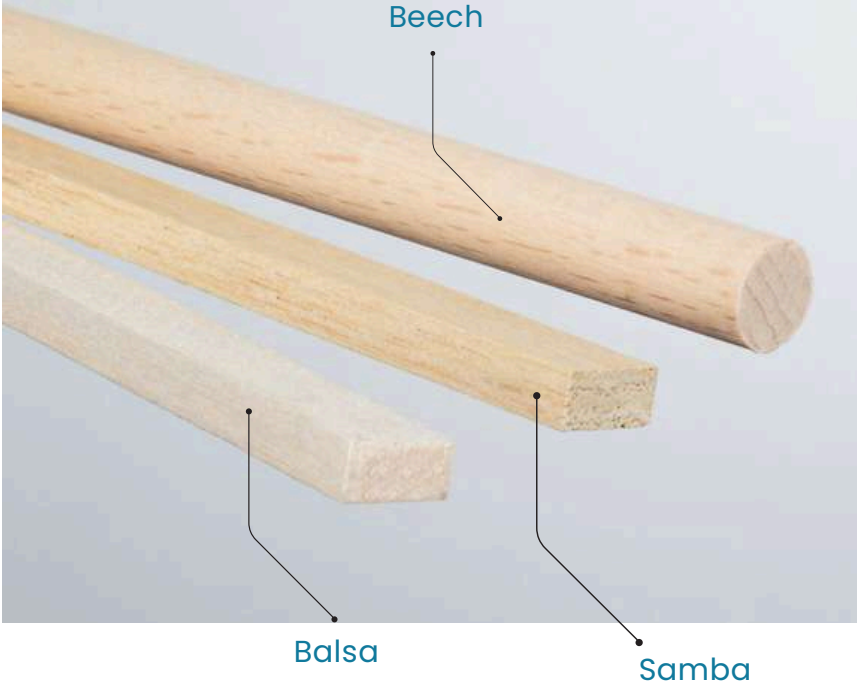






## MODELING WOOD

Our range offers a wide selection of wood for model making, carefully selected by us from our suppliers with meticulous quality control of each cubic meter of wood.



**Balsa is the lightest wood**, the preferred choice for architectural model making and model making. Its ease of cutting with a simple cutter makes it a favorite material for craftspeople.

**Beech has exceptional hardness**, characterized by its tight fibers and very smooth surface. This remarkable wood is ideal for making models and mobiles. Its qualities make it easy to sand, polish, and nail, allowing for precise creations.

	BALSA	SAMBA	BEECH
BOARDS 10 x 100 cm	Thickness: 1 to 10 mm		
ROUND SECTION 100 cm	Diameter: 3 to 14 mm		Diameter: 3 to 12 mm
SQUARE SECTION 100 cm	Sec: 2x2 à 15x15 mm	Sec: 2x2 à 15x15 mm	
RECTANGULAR SECTION 100 cm	Sec: 2x3 to 5 x20 mm	Sec: 2x3 to 5x10 mm	

**Samba is a denser wood species** characterized by its deeper (pale yellow) hue. It finds its place among professionals in architecture, DIY projects, and arts and crafts. This versatile material is easy to cut, glue, and paint to bring your projects to life.



### **Available in a kit of 20 cm long parts**

BALSA BOARDS L: 20 cm, W: 10 cm Thicknesses 1, 2, 3, 5 and 8 mm

BALSA RODS L: 20 cm Square 2x2, 3x3, 4x4, 5x5 and 8x8 mm Rectangular 2x3, 2x5, 2x10 and 3x10mm Round diameter 3 and 4mm



### **Brass tubes and aluminum tubes**

Brass tubes have a telescopic design and are used to reproduce metal in a three-dimensional model or representation.



# TOOLS AND ACCESSORIES

With 30 years of experience and a large user community, we select the best cutting tools for the most precise jobs.



# CUTTING TOOLS

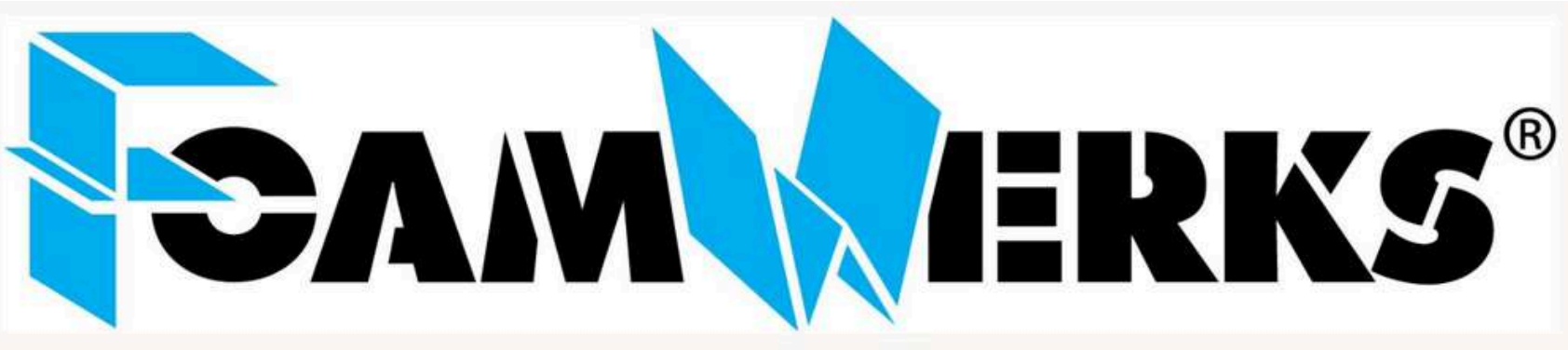


Set of 5 Blades

## Precision knives and replacement blades

The most versatile and precise tool for cutting foam board, applying a 45° angle.

Code article	Designation	Packaging
EXK1	Precision knife	12
EKB11	Replacement blades (5 pack)	12

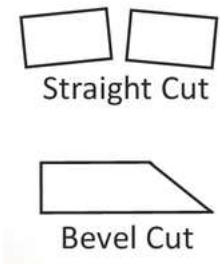


**Foam board straight/bevel cutteredge**

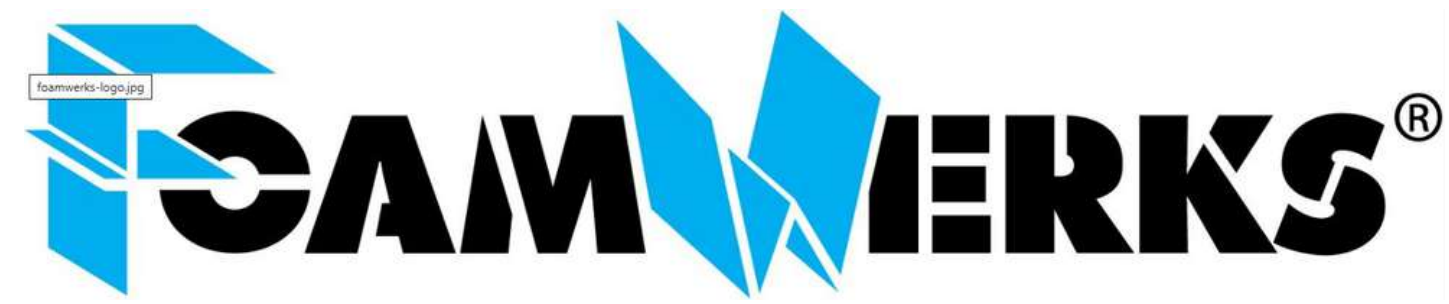
Allows 90° straight cutting of foam board up to 10mm thick or 45° bevel cutting up to 5mm thick. Secure grip, spare blade compartment, left & right handed.

Works with WC replacement blades.

Included in the pack: 2 blades WC.

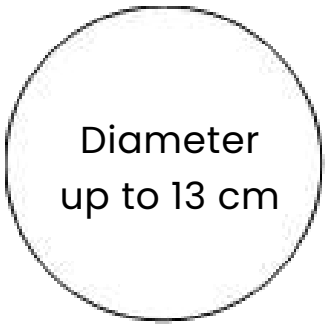


Code article	Designation	Packaging
WC6010	Foam board straight/bevel cutter	2
WC20	Replacement blade C (20 pack)	6



**Circular cutter for foam board**

Cuts perfect circles from 2 cm to 13 cm in diameter from foam board up to 10 mm thick. Works with WA replacement blades. Included in the pack: 5 blades WA.



Code article	Designation	Packaging
WA8001	Circular cutter for foam board	2
WA20	Replacement blade A (20 pack)	6



### Straight edge foam board cutter

Allows 90° cutting of foam board up to 10 mm thick. Combine with the W3001 guide rail ruler for optimal results. WC replacement blades. Included in the pack: 5 blades WC.

### Ruler-Guide Rail (81 cm)

Aluminum straight edge with non-slip rubberized base featuring a raised channel to hold the WC6001 cutting tool for straight line cutting.

Item code	Name	Packaging
WC6001	Straight edge foam board cutter	2
W3001	81cm Guide Rail Ruler	2
WC20	Replacement blade C (20 pack)	6



# THERMOCUT 12/E



MICROMOT NG/2S  
transformer



Spare  
wires



## Hot wire cutter

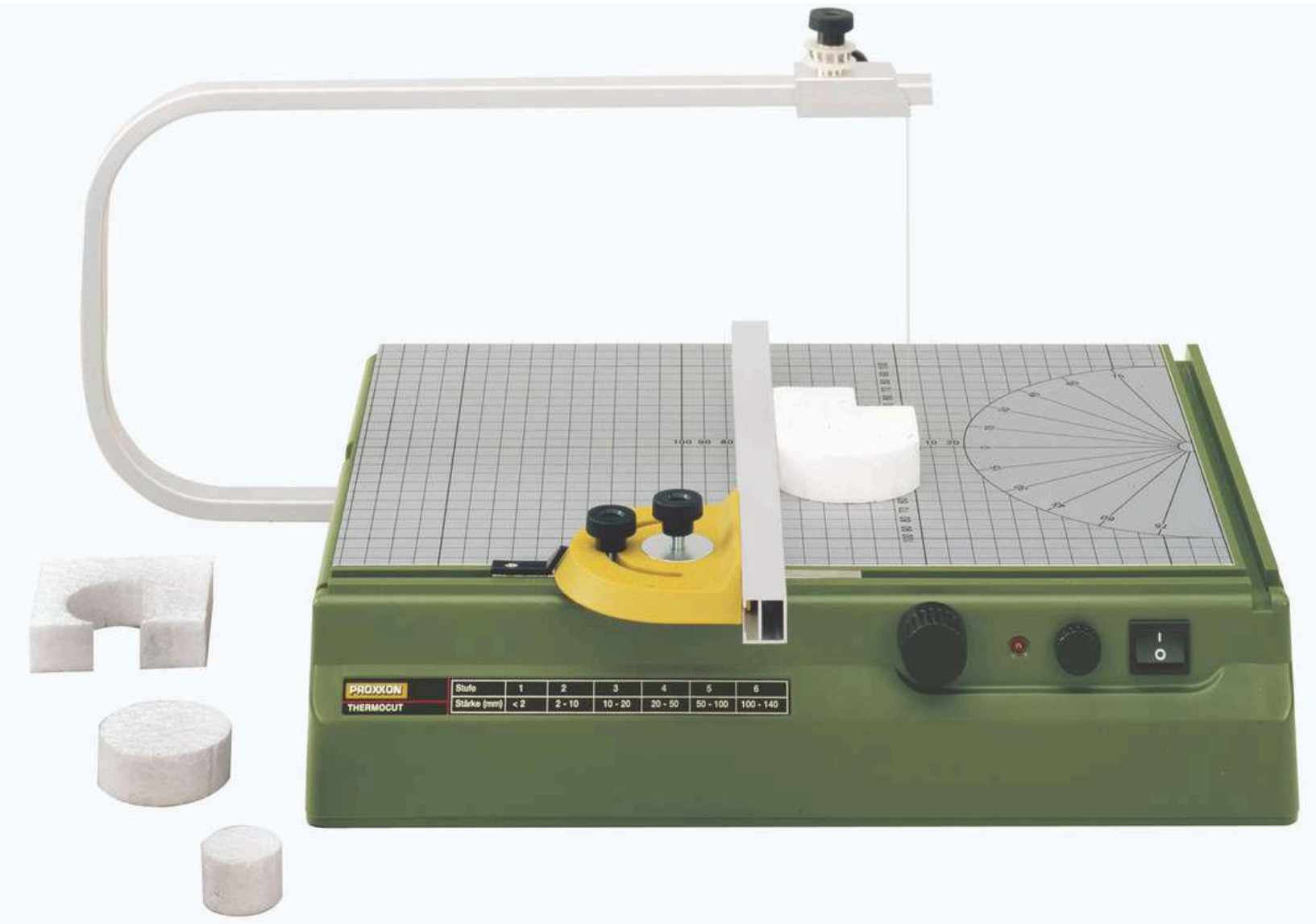
Solid caliper for cutting bare polystyrene foam (CORE or AERFLY); model making, prototypes, scenery, etc.

The cutting wires (285 x 0.85 mm) can be shaped by hand to allow creation of profiles as desired. Pivotal fixing element at top. Extendable wire fixing for maximum extension of 200 mm. Cutting temperature adjustable (150° to 350°C)

Works with the Micromot NG/2S transformer. Highly heat-resistant NORYL case for a safe power source.

Code article	Designation	Packagin g
27082	THERMOCUT 12/E 12V Hot Wire Cutter	1
28082	Replacement cutting wire for THERMOCUT 12/E 10 pcs	1
28706	MICROMOT NG 2/S Transformer - without regulation	1

# THERMOCUT 230/E



Replacement wire coil  
30 m x 0.2 mm.  
Material: NiCr 8020.



## Table / Hot wire cutter

390x280mm aluminum composite table for easy and smooth sliding of the pieces to be cut. Silk-screened cutting marks and angles. Solid aluminum bow (350mm span, 140mm clearance height). Stirrup and wire spool (330 m, Ø 0,2 mm) enclosed. Miter cuts are possible by sliding the stirrup. A LED indicator prevents burning fingers, as the hot wire reaches full temperature in less than one second.

230 V, 50/60 Hz. Cutting wire temperature of 0.2 mm adjustable from approx. 100 to 200 °C. Weight approx. 3 kg. Protective insulation class 2.

Code article	Designation	Packaging
27080	THERMOCUT 230/E Hot Wire Cutter	1
28080	Spare cutting wire spool for THERMOCUT 230/E, 30 m	2

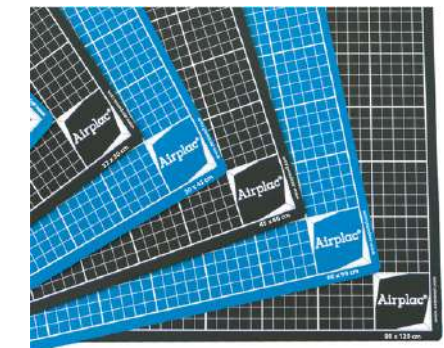
# CUTTING MAT



## Self-healing cutting mats

Airplac cutting mats protect your work surfaces. Self-healing and perfectly smooth, they allow you to cut and carry out all your creative projects. Extremely robust, they are available with a blue side and a black side, usable on both sides.

Formats	22 x 30 cm
	30 x 45 cm
	45 x 60 cm
	60 x 90 cm
	80 x 120 cm



3 layers, self-healing printed with grid at 1 and 5cm



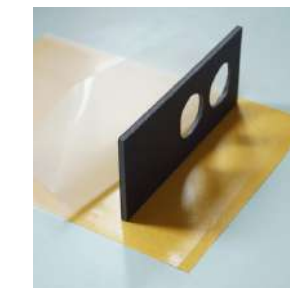
# COLLECTIONS

AERPANEL markets 250 ml mini-cans of repositionable or permanent mounting adhesive



# TAC GLUE SHEETS

TAC glue sheets are particularly suitable for graphic arts professionals: architectural models, miniature model making, scrapbooking. Very easy to use, the glue sheets are sold in A4 packs of 4 sheets.





# ACCESSORIES

## Foam board fasteners

Easy to use. Simply push the tip of the hook into the foam board (pictures of hook usage on the back of the package).



- Panel 5 mm and more
- Movable and perforated eyelet
- 1 box = 4 hooks
- Sold in packs of 20 boxes



## Corners protectors

To protect your AIRPLAC® panels, in thicknesses of 5 or 10 mm



- 5 mm or 10 mm
- Sold in bags of 8 or 100 units



The Aerpanel Group is at your disposal to meet your needs!

Aerpanel  
320 rue de l'Avenir,  
69830 St-Georges de Reneins  
**France**  
Tel.: +33 (0) 474 093 442  
  
contact@aerpanel.com

Isopor GmbH  
Hermannstraße 152  
66538 Neunkirchen  
**Germany**  
Tel.: +49 (0) 6821 981 940  
  
info@isopor.de

EMBALL'ISO-M2 Ltd Unité 7, Faraday  
road, Leigh-on-Sea – Essex SS9  
5PR  
**Great Britain**  
Tel.: +44 (0) 1702 512223  
  
customercare-uk@aerpanel.com

