



# Foamalux

Foam PVC Sheets



DESIGN.  
CREATE.  
INNOVATE.



# Foamalux

## Design, create & innovate with Foamalux Foam PVC

With bright white, matt and gloss, colours and environmentally friendly options for digital and screen printing, cutting, routing, engraving, forming, vinyl graphics, bending, shaping and bonding - there has never been a greater choice.

White | Light | Colour | Ultra | Xtra | Eco

Brett Martin is a leading international manufacturer of a range of sign and display substrates. The company works in partnership with a worldwide network of distributors to supply the versatile and durable Foamalux range.

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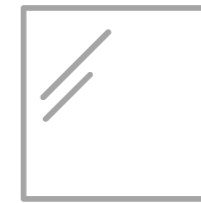


# Features & Benefits



## Lightweight

Even in large format, Foamalux is only a fraction of the weight of solid display material of similar strength, making it much easier to handle and install.



## Smooth

The smooth, flat and flawless surface of Foamalux provides a consistently even and reliable high performance surface for different types of printing and mounting.



## Strong

Offering an exceptional strength to weight ratio, Foamalux provides a rigid sheet which is durable and offers superior resistance to knocks and scratches.



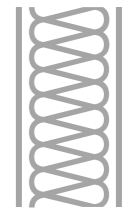
## Moisture Resistant

Foamalux is moisture and mould resistant so will not rot or decay.



## Low Flammability

Foamalux offers excellent fire performance and has been independently tested to various Fire Standards. For the correct certification for your location, please contact the Technical Department.



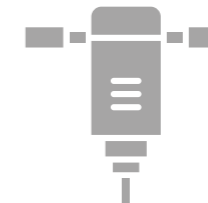
## Insulation

Provides acoustic and thermal insulation.



## Performance

Foamalux is a durable, versatile and flexible material suitable for indoor and short term outdoor use.



## Ease of Fabrication

Foamalux is easily cut, routed, engraved, drilled, printed, thermoformed and bonded.



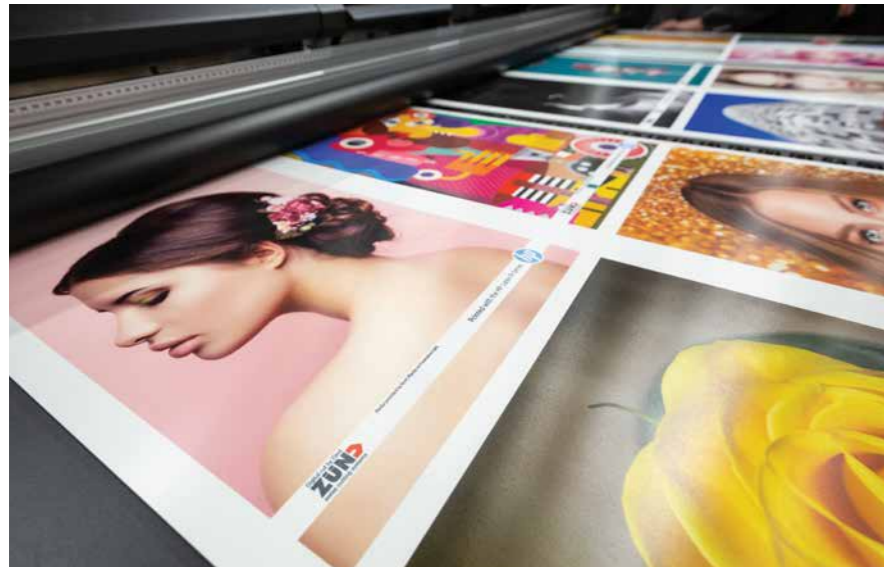
## Recyclable

Non-toxic, REACH and RoHS compliant, and 100% recyclable.

# Applications

## Sign & Display

Our Foamalux range has a smooth surface which is optimised for print. It is also easy to fabricate and thermoform, making it perfect for signage, point of sale and 3D displays.



## Outfitting

Foamalux is low maintenance, lightweight and easy to assemble making it ideal for shopfitting, hospitality or office fit outs or temporary constructions such as pop-ups and exhibition stands.



## Fabrication

Foamalux can be easily printed, cut, drilled, shaped and bonded allowing flexibility and creativity of design when fabricating everyday products or one-off items.

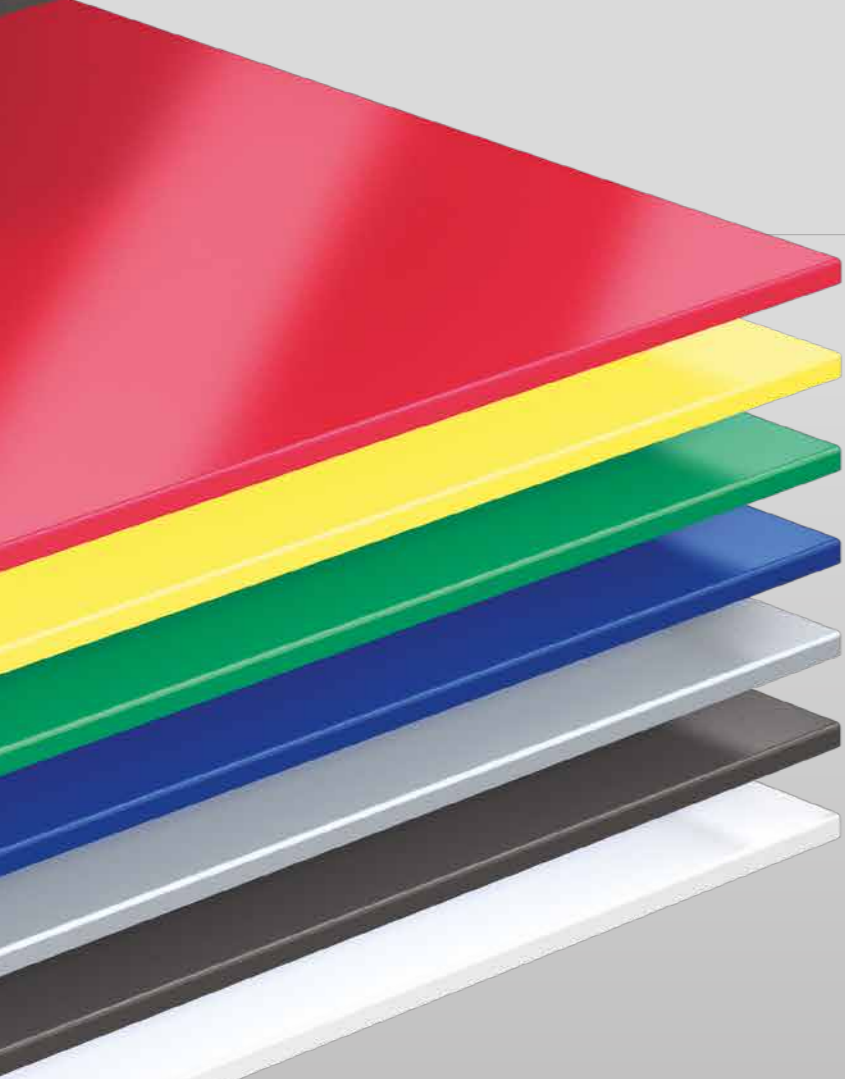
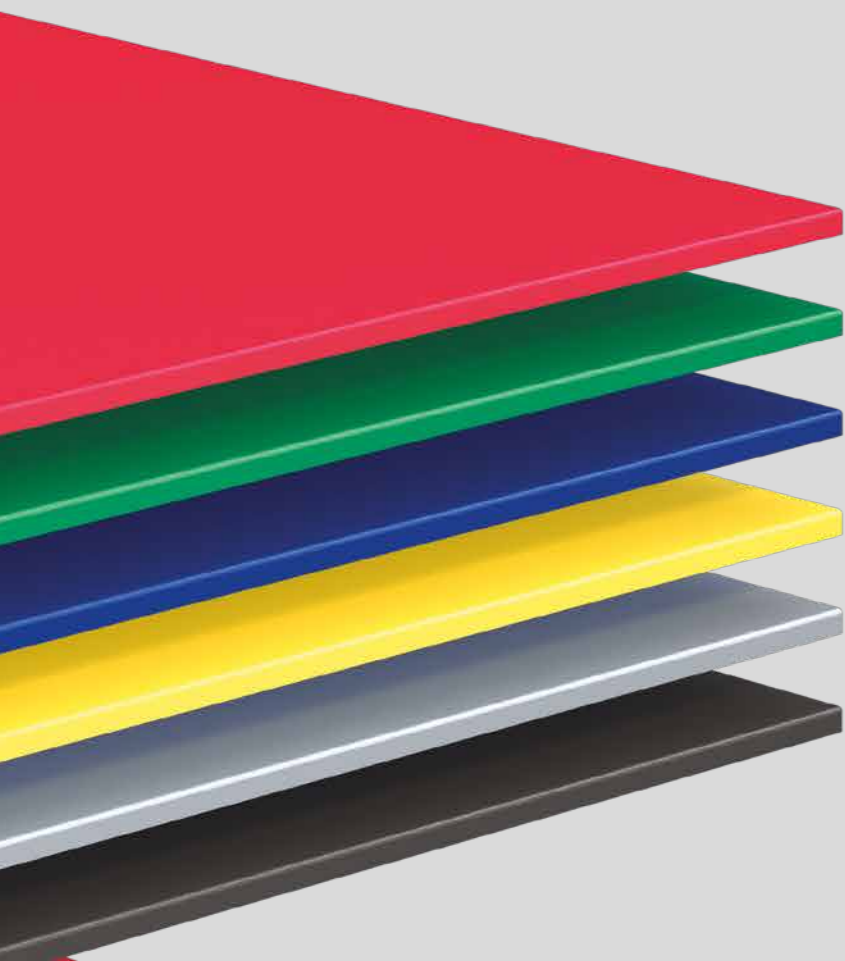


## Pet and Animal Enclosures

Foamalux is ideal for pet and animal enclosures. It is low maintenance, and does not need to be painted. It provides good thermal insulation, is non-toxic, waterproof and mould proof.



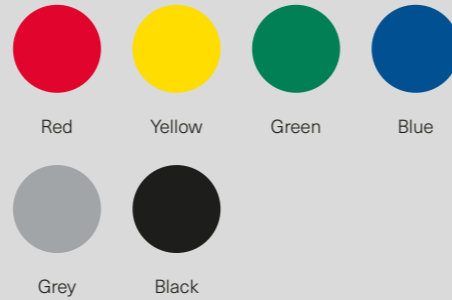
# FOAMALUX RANGE



## Foamalux Colour

### VIBRANT COLOUR RANGE

Sheet Size (mm)	Thickness (mm)
1220 x 2440	3 & 5
2050 x 3050	3 & 5



## Foamalux Ultra

### HIGH GLOSS FINISH

Sheet Size (mm)	Thickness (mm)
1220 x 2440	3 & 5



## Foamalux White

### PREMIUM CHOICE WHITE SHEET

Sheet Size (mm)	Thickness (mm)
1220 x 2440	1, 2, 3, 4, 5, 6, 8, 10, 13, 19 & 24
1560 x 3050	2, 3, 5, 10, 15 & 19
2050 x 3050	1, 2, 3, 4, 5, 6, 8 & 10

## Foamalux Light

### IDEAL FOR DIGITAL PRINTING

Sheet Size (mm)	Thickness (mm)
1220 x 2440	2, 3, 4, 5, 6, 8 & 10
1560 x 3050	2, 3, 5, & 10
2050 x 3050	2, 3, 4, 5, 6, 8 & 10

## Foamalux Eco



### THE GREEN CHOICE

Sheet Size (mm)	Thickness (mm)
1220 x 2440	3, 5 & 10
2050 x 3050	3, 5 & 10

## Foamalux Xtra



### ENVIRONMENTALLY FRIENDLY

Sheet Size (mm)	Single Sided Thickness (mm)	Double Sided Thickness (mm)
1220 x 2440	3, 5 & 6	10
1560 x 3050	-	10
1560 x 4050	-	10

## Foamalux Calibre

### PVC CONSTRUCTION BOARD

Sheet Size (mm)	Thickness (mm)
1220 x 2440	10, 19, 24 & 30
1220 x 3050	10, 19, 24 & 30





# Foamalux White

## Premium Choice White Sheet

Foamalux White is our premium choice foam PVC sheet. Its bright white formulation, greater stiffness and surface properties make it suitable for a wide range of printing and design applications. The finely balanced blend of pigments combined with its smooth, flat and flawless surface provide a consistent, clean, crisp printing surface resulting in photographic print clarity.

Sheet Size (mm)	Thickness (mm)
1220 x 2440	1, 2, 3, 4, 5, 6, 8, 10, 13, 19 & 24
1560 x 3050	2, 3, 5, 10, 15 & 19
2050 x 3050	1, 2, 3, 4, 5, 6, 8 & 10

**Applications**  
 POS and 3D displays, Shop fitting, Exhibition stands, Fabrication, Signage, Digital and screen printing, Vinyl application, Cladding

Excellent fabrication capability for 3D displays

Flat rigid sheet with greater stiffness

Bright white colour formulation

Excellent colour reproduction

Consistent silky smooth matt surface

Outstanding, photographic print quality

Easy to clean

Indoor or short term outdoor use

100% recyclable



White





# Foamalux Light

## Optimised for digital printing

Foamalux Light is specifically formulated for digital printing. Its bright white colour combined with a flat even surface optimises print quality and clarity for outstanding results every time. It is lighter weight for easy handling and can be easily cut, routed and finished – perfect for all signage and display applications.

Sheet Size (mm)	Thickness (mm)
1220 x 2440	2, 3, 4, 5, 6, 8 & 10
1560 x 3050	2, 3, 5, & 10
2050 x 3050	2, 3, 4, 5, 6, 8 & 10

**Applications**  
 Signage, Digital and screen printing, Vinyl application, POS and 3D displays, Shop fitting, Exhibition stands, Fabrication, Pet and animal enclosures



White

Lighter weight for easy handling

Optimised for direct digital and screen printing

Good opacity even at thinner gauges

Bright white colour formulation

Flat smooth printing surface

Suitable for vinyl application

Suitable for fabrication, cutting and routing

Easy to clean

Indoor or short term outdoor use

100% recyclable





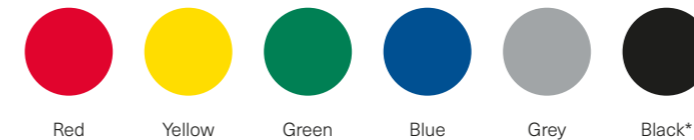
# Foamalux Colour

## Vibrant Colour Range

The depth and intensity of colour combined with the ultimate silky smooth matt surface finish makes Foamalux Colour the best coloured Foam PVC sheet on the market. Available in a choice of colours as standard, Foamalux Colour provides the ultimate palette available for sign, print and display for the creation of unique prints and designs.

Sheet Size (mm)	Thickness (mm)
1220 x 2440	3 & 5
2050 x 3050	3 & 5

**Applications**  
 Signage, Digital and screen printing, Vinyl application, POS and 3D displays, Shop fitting, Exhibition stands, Fabrication



\*Specials on request

Range of vibrant colours

Strong, durable rigid sheet

Outstanding digital print quality

Flat even direct to print surface

Good surface for screen printing

Easily fabricated, cut and routed

Mixed colour pallets available

Easy to clean

100% recyclable







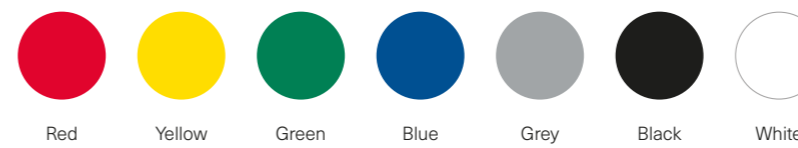
# Foamalux Ultra

## High Gloss Finish

Foamalux Ultra is a strong and durable rigid foam PVC sheet with a high gloss finish, giving it a high end appeal. The co-extruded gloss surface gives improved UV protection and stability over standard foam PVC for external applications. Foamalux Ultra is available in white plus 6 deep intense colours - red, yellow, green, blue, grey and black.

Sheet Size (mm)	Thickness (mm)
1220 x 2440	3 & 5

**Applications**  
Cladding, Signage, Digital and screen printing, Vinyl application, POS and 3D displays, Shop fitting, Exhibition stands, Fabrication



- High quality gloss surface
- Range of vibrant colours
- Strong, durable rigid sheet
- Outstanding digital/ screen print quality
- Good surface for vinyl application
- Easily fabricated, cut and routed
- Easy to clean
- 100% recyclable





# Foamalux Xtra

## Environmentally Friendly

Foamalux Xtra is the environmentally friendly sign and display solution. Containing up to 80% reclaimed content, Foamalux Xtra uses waste that would otherwise go to landfill making it a greener choice. It comprises a black core, manufactured from post-production waste, with one or two surfaces of premium quality virgin white PVC, making it ideal for engraving to reveal the core or printing on the white surface.

Sheet Size (mm)	Single Sided (S1) Thickness (mm)	Double Sided (S2) Thickness (mm)
1220 x 2440	3, 5 & 6	10
1560 x 3050	-	10
1560 x 4050	-	10

**Applications**  
 Signage, Digital and screen printing, Vinyl application, POS and 3D displays, Shop fitting, Exhibition stands, Fabrication, Pet and animal enclosures



Environmentally friendly reclaimed black core

Bright white surface, excellent for printing

Suitable for engraving applications

Single or double sided sheet formats

Consistently smooth and even

Hard and resilient

Quality digital and screen printing

Excellent vinyl adhesion

Easy to clean

100% recyclable





# Foamalux Eco

## Green Choice

Black is the new green with Foamalux Eco. This PVC foam product has up to 80% reclaimed post-production waste content, reducing landfill and making it our greenest choice of foam PVC. Its quality, flawlessness and versatility offers the designer unlimited application possibilities in the creation of interiors, shop outfitting, signage, contemporary displays, product design and fabrication.

Sheet Size (mm)	Thickness (mm)
1220 x 2440	3, 5 & 10
2050 x 3050	3, 5 & 10

**Applications**  
 Signage, Digital and screen printing, Vinyl application, POS and 3D displays, Shop fitting, Exhibition stands, Fabrication, Backing boards, Pet & Animal enclosures



Black

Made with reclaimed material

Lightweight – easy to handle and install

Consistently smooth and even surface

Quality digital and screen printing

Easy to cut, fabricate and bond

Suitable for 3D displays

Moisture and mildew resistant

Easy to clean

100% recyclable





# Foamalux Calibre

## PVC Construction Board

Foamalux Calibre is a superb all round foam PVC construction board which provides a cost effective alternative to traditional wood based construction materials. It combines a lightweight core with a hard flat durable surface, offers dimensional stability, will not rot, mould or corrode, and has a high insulation value and fire performance. It is suitable for internal and external building applications.

Sheet Size (mm)	Thickness (mm)
1220 x 2440	10, 19, 24 & 30
1220 x 3050	10, 19, 24 & 30

### Applications

Window frames, trims and shutter boxes, Fascia and soffit boards, Partitions, Cladding and ceiling lining, Vehicle fittings and linings, Cabinetry, Shop fitting and exhibition stand building, Site hoardings, Large letters and decorative shapes



White

Dimensional stability

Strong durable rigid board

Premium satin smooth hard surface

Suitable for internal and external use

Extremely lightweight and easy to handle

Dimensional stability gives easier lamination

Moisture, mould and chemical resistant

Easy to clean

High insulating value

Weatherable UV grade

100% recyclable



# Material Properties

## Foamalux White

PROPERTY	STANDARD	VALUE	UNITS
Density	-	0.55-0.75	g/cm <sup>3</sup>
Moisture Absorption	ISO 62	<0.25	% by weight
Shore Hardness	ISO 868	>30	-
Tensile Strength	ISO 527	15	MPa
Flexural Modulus	ISO 178	1100-1300	MPa
Impact Resistance (Charpy)	ISO 179-1/1eU	11	kJ/m <sup>2</sup>
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Service Temperature	-	-20 to +60	°C

## Foamalux Colour

PROPERTY	STANDARD	VALUE	UNITS
Density	-	0.50	g/cm <sup>3</sup>
Moisture Absorption	ISO 62	<0.25	% by weight
Shore Hardness	ISO 868	>30	-
Tensile Strength	ISO 527	15	MPa
Flexural Modulus	ISO 178	900-1100	MPa
Impact Resistance (Charpy)	ISO 179-1/1eU	14	kJ/m <sup>2</sup>
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Service Temperature	-	-20 to +60	°C

## Foamalux Xtra

PROPERTY	STANDARD	VALUE	UNITS
Density	-	0.55-0.65	g/cm <sup>3</sup>
Moisture Absorption	ISO 62	<0.25	% by weight
Shore Hardness	ISO 868	>30	-
Tensile Strength	ISO 527	17	MPa
Flexural Modulus	ISO 178	1000-1200	MPa
Impact Resistance (Charpy)	ISO 179-1/1eU	12	kJ/m <sup>2</sup>
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Service Temperature	-	-20 to +60	°C

## Foamalux Calibre

PROPERTY	STANDARD	VALUE	UNITS
Density	-	0.5	g/cm <sup>3</sup>
Shore Hardness	ISO 868	>40	-
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Service Temperature	-	-20 to +60	°C
Moisture Absorption	ISO 62	<2	% by weight
Screw Pull	ASTM D1761-20	65	N/mm

## Foamalux Light

PROPERTY	STANDARD	VALUE	UNITS
Density	-	0.45-0.55	g/cm <sup>3</sup>
Moisture Absorption	ISO 62	<0.25	% by weight
Shore Hardness	ISO 868	>30	-
Tensile Strength	ISO 527	15	MPa
Flexural Modulus	ISO 178	900-1100	MPa
Impact Resistance (Charpy)	ISO 179-1/1eU	10	kJ/m <sup>2</sup>
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Service Temperature	-	-20 to +60	°C

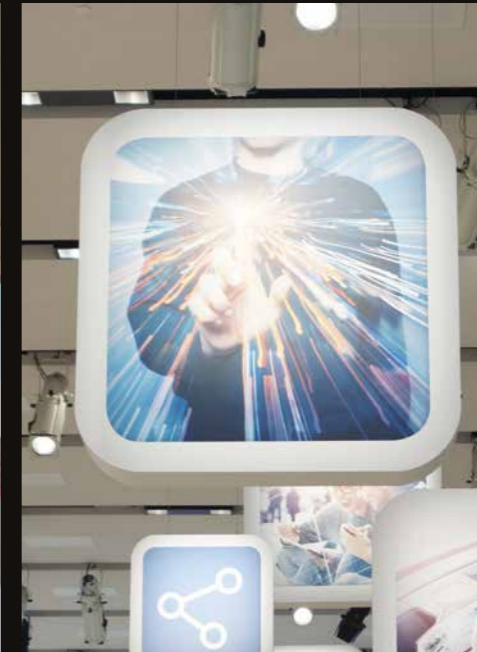
## Foamalux Ultra

PROPERTY	STANDARD	VALUE	UNITS
Density	-	0.60-0.80	g/cm <sup>3</sup>
Moisture Absorption	ISO 62	<0.25	% by weight
Shore Hardness	ISO 868	>50	-
Tensile Strength	ISO 527	25	MPa
Flexural Modulus	ISO 178	1600-1800	MPa
Impact Resistance (Charpy)	ISO 179-1/1eU	14	kJ/m <sup>2</sup>
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Service Temperature	-	-20 to +60	°C

## Foamalux Eco

PROPERTY	STANDARD	VALUE	UNITS
Density	-	0.50-0.60	g/cm <sup>3</sup>
Moisture Absorption	ISO 62	<0.25	% by weight
Shore Hardness	ISO 868	>30	-
Tensile Strength	ISO 527	15	MPa
Flexural Modulus	ISO 178	900-1100	MPa
Impact Resistance (Charpy)	ISO 179-1/1eU	12	kJ/m <sup>2</sup>
Thermal Expansion	ISO 11359-2	0.068	mm/m°C
Service Temperature	-	-20 to +60	°C





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