



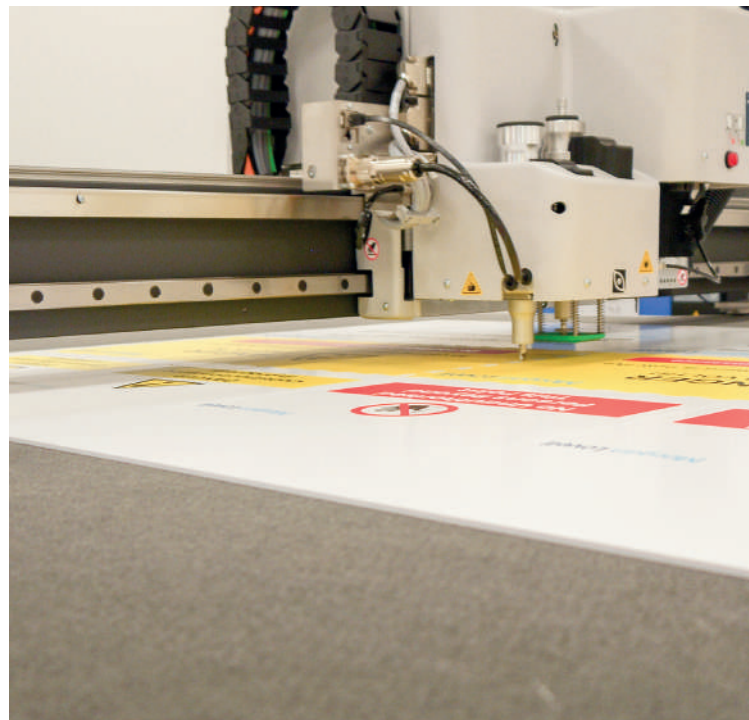
**SIGNAGE
SUBSTRATES**

bryson 
Smarter. Faster. Greener.®



Signage Substrates

Bryson have over 10 years of experience in signage printing. We offer a variety of signage media, which are now better quality, made in the UK and recyclable. Ranging from closed cell PVC foam sheets, multilayer PVC sheets with rigid surface, aluminium perspex to fully recyclable alternatives.



Foamex

1mm, 3mm, 5mm.



Made from: An extruded, closed cell, PVC foam sheet.

Features:

- Lightweight
- Strong, rigid and stable
- Semi-matt surface
- Suitable for indoor and outdoor



Foamex

Property	Standard	Conditions	Unit	Value
Physical				
Specific Gravity			g/cm ³	0.57
Water Absorption			%	0.5 - 0.8
Mechanical - Machine direction				
Flexural Modulus			MPa	900
Shore Hardness			Shore D	
Thermal				
Service Temperature Range			°C	-20 - 60
Heat Deflection Temperature			°C	63
Coefficient of Linear Thermal Expansion			0 ⁻⁵ /°C	6.7
Electrical				
Surface Resistance			Ohm	5 x 10 ¹⁵

EcoBoard80

80% recycled content
& 100% recyclable
3mm



Made from: Hard outer PVC surface with recycled inner foam.

Features:

- Bright surface
- Fully recyclable
- Complies with the highest safety requirements
- Suitable for indoor and outdoor



EcoBoard80

Property	Standard	Conditions	Unit	Value
Physical				
Specific Gravity	ASTM D-792		g/cm ³	0.58 - 0.62
Water Absorption	ASTM D-570	24 Hours @ 23°C	%	3mm - 0.5
Mechanical - Machine direction				
Flexural Modulus	ASTM D-790		MPa	1600
Shore Hardness	ASTM D-2240		Shore D	60
Thermal				
Service Temperature Range			°C	-10 to 55
Heat Deflection Temperature	ASTM D-648	Load: 1.82 MPa	°C	62
Coefficient of Linear Thermal Expansion	ASTM D-696		10 ⁻⁵ /°C	6.7
Electrical				
Surface Resistance	ASTM D-257		Ohm	4.1 x 10 ¹⁴

EcoBoard100

100% recycled content
& 100% recyclable
3mm



Made from: Hard outer PVC surface, single sided two layer product
hard white surface/light grey base layer.

Features:

- Fully recyclable
- Bright surface
- Complies with the highest safety requirements
- Strong
- Suitable for indoor or outdoor



EcoBoard100

Property	Standard	Conditions	Unit	Value
Physical				
Specific Gravity			g/cm ³	0.57
Water Absorption		24hr @ 23°C	%	
Mechanical - Machine direction				
Flexural Modulus	ASTM D-790/03		MPa	700
Shore Hardness			Shore D	42
Thermal				
Service Temperature Range			°C	0 - 50
Heat Deflection Temperature	ASTM D-648		°C	58
Coefficient of Linear Thermal Expansion			0 ⁻⁵ /°C	6.7
Electrical				
Surface Resistance			Ohm	5 x 10 ¹⁵

BryBoard

100% Recycled twin fluted board



Recycle with our Closed Loop Recycling Scheme

Features:

- Lightweight and durable
- Weatherproof
- Suitable for indoor and outdoor



**CLOSED LOOP
RECYCLING**

BryBoard

Property	Standard	Conditions	Unit	Value
Physical				
Bulk density	ISO 1183		g/cm ³	About 0,525
Water Absorption				
Mechanical - Machine direction				
Flexural Modulus	ISO 178		MPa	About 1200 - 1300
Hardeness Rockwell R-scale	ISO 2039-2			About 77
Thermal				
Service Temperature Range			°C	May-50
Heat Deflection Temperature	ISO 752	1,80MPa-120°C per hour	°C	About 50
VICAT Softening Temperature	ISO 306	50N-50°C per hour	°C	About 70
Electrical				
Surface Resistance			Ohm	>10 ¹²
Surface Tension			Dyne/cm	38-40

ALUBoard

3mm



Made from: Aluminium composite material.

Features:

- Lightweight
- Strong and durable
- Waterproof
- Ideal for long term use
- Suitable for indoor or outdoor



AluBoard

Property	Standard	Conditions	Unit	Value
Physical				
Specific Gravity			g/cm ³	3.8
Water Absorption		24 Hour @ 23°C	%	0.01
Mechanical - Machine direction				
Flexural Modulus		1mm/min	MPa	70,000
Shore Hardness			Shore D	42
Thermal				
Service Temperature Range			°C	-50 - 90
Heat Deflection Temperature			°C	
Coefficient of Linear Thermal Expansion			mm/mm°C	0.024
Electrical				
Surface Resistance			Ohm	

ReTac

100mic



Made from: 100 micron PVC, dot pattern acrylic adhesive

Features:

- Matt surface to reduce reflections
- Suitable for smooth flat surface
- Bubble free application
- Residue-free removal (if removed within lifespan)



ReTac

Property	Standard	Conditions	Unit	Value
Physical				
Weight & Thickness			gsm & mic	330gsm & 270mic
Life Span		24 Hour @ 22°C	Year	1 Year
Product				
Adhesive Type				Dot
Face Film			30mic	White PVC film
Thermal				
Stored Temperature		10-27°C	°C	
Printing Temperature		15-30°C	°C	
Guidance				
· Indoor usage recommended 6-12 months for optimal results and removability				
· Ensure the surface is clean before application				