AMARI

SUSTAINABLE



SUSTAINABLE *by choice*

A carefully selected range of environmentally responsible, sustainable materials

ALTUGLAS™ EXTRUDED ACRYLIC	greencast CAST ACRYLIC	exolon® POLYCARBONATE SHEET	vivak® PETG
Foamalux FOAM BOARD	AkyPrint® DISPLAY BOARD	DISPA® DISPLAY BOARD	SMART-X® DISPLAY BOARD

Amari Plastics has a passion for plastics, a passion for meeting our customers' needs, and a passion for doing what's right.

Our customers are increasingly asking us for sustainable products to fulfil their Environmental responsibilities; so we did our research and have designed a range that is truly sustainable from the source right through to waste disposal and recycling.



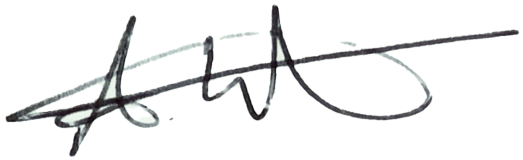
Amari Plastics is a leading supplier of materials to the UK Point of Sale, Sign and Digital Print sectors.

Meet the next generation of renewable materials

ALL STOCKED LOCALLY FOR NEXT-DAY NATIONWIDE DELIVERY

We set out strict criteria on the percentage of sustainable content in the manufacturing process, the percentage of materials that are actually recycled - not just recyclable - the manufacturer's commitment to CO_2 reduction, and finally to be an affordable alternative to traditional materials.

So now you can choose to be sustainable - SUSTAINABLE *by choice*.



Andy Wighton,
Managing Director, Amari Plastics

EXTRUDED ACRYLIC

ALTUGLAS™ R-life EX

ALTUGLAS™

With **75% recycled content** this economical, high-quality acrylic has excellent optical clarity. Typically used for glazing, signage, furniture and retail display, the sheet boasts a high gloss finish, weather resistance and is easy to work with and fabricate.

CO_2 COMMITMENT

Manufactured using cogenerated energy, producing heat and electricity at the same time.

Recyclable via **Recycled Plastics** and its partners.

75% RECYCLED CONTENT
100% RECYCLABLE
UK AUTHORISED DISTRIBUTOR



CAST ACRYLIC

Green Cast®

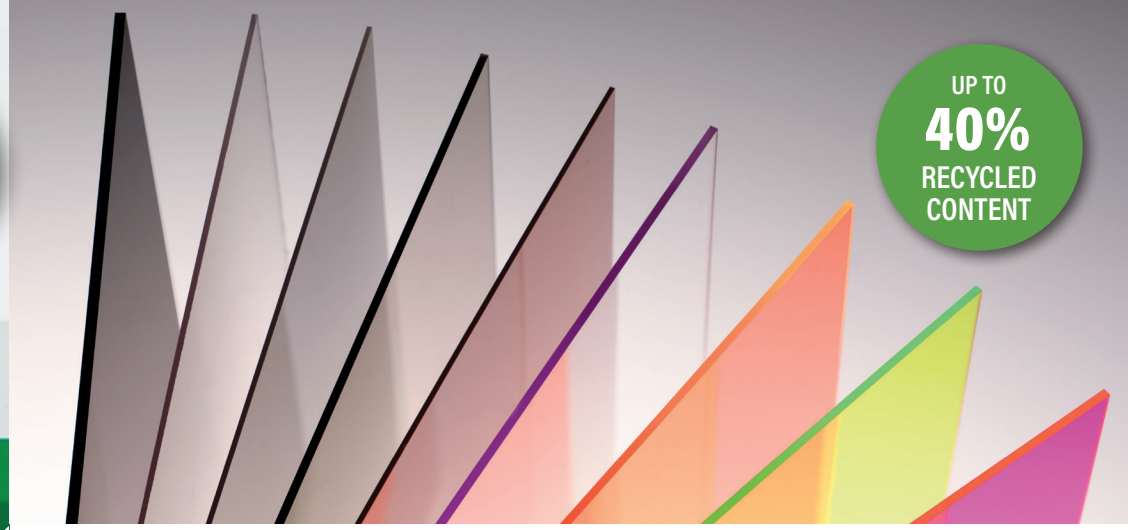
100% recycled and **100% recyclable** cast acrylic sheets complying with ISO 7823.1. It is long-lasting and looks, performs, and fabricates just like virgin acrylic. With the same optical, mechanical and thermal characteristics as virgin acrylic, it can be recycled back to raw material without losing any of its original properties.

100% RECYCLED CONTENT
100% RECYCLABLE
EXCLUSIVE UK DISTRIBUTOR

CO_2 COMMITMENT

The carbon neutral manufacturing process uses renewable energy including water regeneration that reduces up to 76% of CO_2 emissions and up to 90% of other impacts.

Recyclable via **Recycled Plastics** and its partners.



POLYCARBONATE SHEET

Exolon® Eco

Contains up to **40% recycled content** and offers excellent clarity with incredible impact resistance. Specially designed for security, safety and vandal-proof applications, polycarbonate is one of the most versatile and successful thermoplastics ever.

PETG

Vivak® Eco

Internally recycled with up to **40% regrind** from its own production. In a lightweight material with extreme break resistance, these sheets ensure low energy consumption and high durability.

CO_2 COMMITMENT

Many sustainable processes, including heat exchangers and waste water regeneration.

Recyclable via **Recycled Plastics** and its partners.

UP TO 40% RECYCLED CONTENT
100% RECYCLABLE
UK AUTHORISED DISTRIBUTOR



PVC FOAM

Foamalux

Foamalux Xtra

With up to **80% reclaimed post-production waste content**, Foamalux Xtra is lightweight and easy to handle. Typically used for signage, digital and screen printing and vinyl application, the material is **100% recyclable** and provides unlimited application possibilities.

UP TO 80% RECLAIMED CONTENT
100% RECYCLABLE
UK AUTHORISED DISTRIBUTOR

CO_2 COMMITMENT

50% energy achieved from renewable sources including an on-site wind turbine and connected solar farm.



DISPLAY BOARD

AkyPrint® (1)

AkyPrint

Contains a minimum of **25% recycled material** and is **100% recyclable**. Its durable bubble structure core and sanded printing surface is excellent for high quality single or two-sided printing. It is resistant to weather, chemical, oil and surface scratches, making it usable for both indoor and outdoor applications such as billboards, trade show displays, directional signage and much more.

SMART-X® (3)

SMART-X

Manufactured using hydroelectric power, this lightweight foam board is suitable for demanding visual communication applications. This **100% recyclable** material can be used outdoors for up to two years without significant colour change.

DISPA® (2) (4)

DISPA

Manufactured with 100% renewable energy, DISPA® paper boards are made of FSC®* certified paper and are **100% recyclable**. Its durable material provides optimal flatness and dimensional stability, while remaining lightweight.

*Forest Stewardship Council

UK AUTHORISED DISTRIBUTOR
100% RECYCLABLE
(1) MIN. 25% RECYCLED CONTENT
(2) 100% PAPER-BASED
(3) 100% POLYSTYRENE
(4) FSC®* CERTIFIED

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PRODUCT MATRIX

				Sheet size (mm)			
				2440 x 1220	2450 x 1250	3050 x 2030	3050 x 2050
Product	**Manufacturer**	**Brand/range**	**Colour**	**Thickness (mm)**			
Extruded acrylic	Trinseo	ALTUGAS™ R-life EX	Clear				3, 5, 10
Cast acrylic	Madreperla	Green Cast®	Black White Opal Clear			3, 5, 10	
Polycarbonate	Exolon	Exolon® Eco	Clear				3, 5
PETG	Exolon	Vivak® Eco	Clear				3
Foam PVC sheet	Brett Martin	Foamalux Xtra	White*	5			
Polypropylene bubble board	Corplex	AkyPrint™	White**	3.3			
Paper board	3A Composites	DISPA®	White		3.8		
Lightweight foam board	3A Composites	SMART-X®	White	5			

*White with black backing
**White with black core

Other sizes, thicknesses and colours may be available to order. Ask a member of our team for information.

Recycled Plastics

Recycled Plastics

At Amari we take recycling seriously.

Recycled Plastics, part of the Amari Plastics family, is a specialist business dedicated to the recycling of plastic from the Amari centres and our customers. Here we send our scrap materials back into the manufacturing process creating a closed loop and reducing contamination.

Contact us to find out how we can work together and recycle your plastic waste.

01245 426666
enquiries@recycledplastics.org.uk
recycledplastics.org.uk



SUSTAINABILITY SPECIFICATIONS

AMARI SUSTAINABLE

Product	Manufacturer	Brand/Range	Recycled Content	100% Recyclable	Recycled In Practice	Country Of Manufacture	CO_2 Mitigation
Extruded acrylic	Trinseo	ALTUGLAS™ R-life EX	75%	Yes	Yes	Italy	Manufactured using cogenerated energy (produces heat and electricity at the same time)
Cast acrylic	Madreperla	Green Cast®	100%	Yes	Yes	Italy	Process uses carbon neutral renewable energy including water regeneration that reduces up to 76% of CO_2 emissions and up to 90% of the other impacts. ISO 7823.1. Type III certified Environmental Product Declaration and ISO 9001 (production)
Polycarbonate	Exolon	Exolon Eco®	Up to 40%	Yes	Yes	Germany	Various including heat exchangers and waste water regeneration.
PETG	Exolon	Vivak Eco®	Up to 40%	Yes	Yes	Germany	Various including heat exchangers and waste water regeneration.
Foam PVC sheet	Brett Martin	Foamalux Xtra	Up to 80%	Yes	Yes	Northern Ireland	50% energy achieved from renewable sources including an on-site wind turbine and connected solar farm
Polypropylene bubble board	Corplex	AkyPrint®	Min. 25%	Yes	Yes	France	25% energy from hydraulic, wind, solar and bioenergy sources.
Paper board	3A Composites	DISPA®	0%	Yes	Yes	Germany	Manufactured with 100% renewable energy
Lightweight foam board	3A Composites	SMART-X®	0%	Yes	Yes	Switzerland	Manufactured using hydroelectric power

EXCLUSIVE UK DISTRIBUTOR
Madreperla - Green Cast® Cast Acrylics

UK AUTHORISED DISTRIBUTOR
3A Composites - DISPA® and SMART-X®
Brett Martin - Foamalux Xtra
Corplex - AkyPrint®
Exolon Group - Polycarbonates and Polyesters
Trinseo - ALTUGLAS™ R-life EX

MADREPERLA
CAST ACRYLIC

3A COMPOSITES
DISPA® - SMART-X®
DISPLAY BOARD

Brett Martin
FOAMALUX ECO
PVC FOAM BOARD

CORPLEX
AKYPRINT
DISPLAY BPARD

exolon GROUP
POLYCARBONATES
AND POLYESTERS

TRINSEO
ALTUGLAS™ R-LIFE EX
EXTRUDED ACRYLIC

All production information is supplied by the manufacturers above and is accurate at the time of print in April 2022.

WOULD YOU LIKE TO KNOW MORE ABOUT OUR FULL RANGE OF SUSTAINABLE PRODUCTS?

Contact our friendly and knowledgeable team at one of our centres, below

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For information and datasheets visit amariplastics.com/sustainable or scan the QR code above.

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