

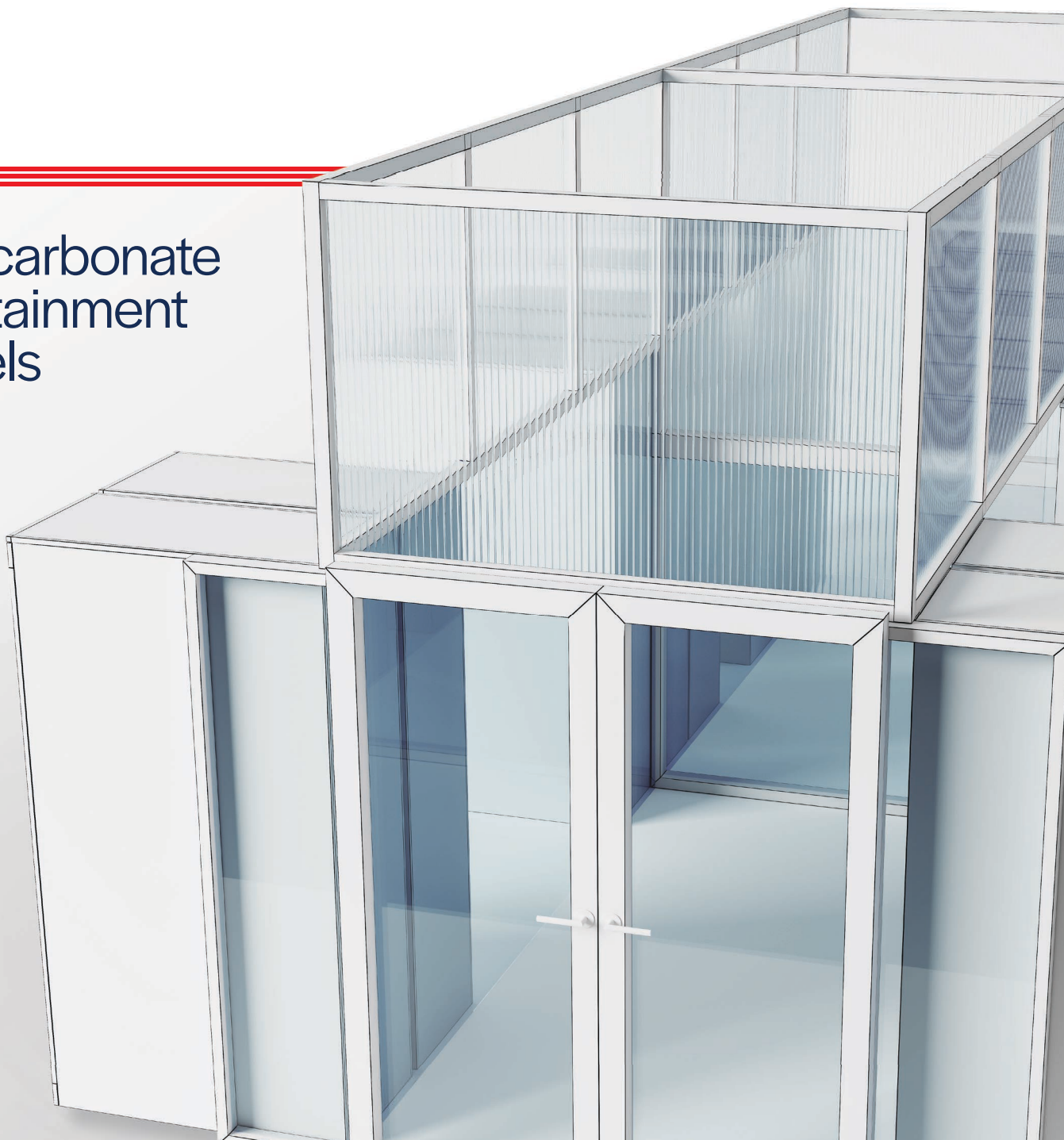


American
Polycarbonate
Company

americanpolycarbonate.com

ClearAisle

Polycarbonate
Containment
Panels



Your American partner for global supply of aisle containment panels.

Proudly extruded in the USA in De Pere, Wisconsin, we bring the data center industry a premium range of polycarbonate panels for aisle containment.

Our extensive USA extrusion and warehousing capacity equips us to meet the projections for data center growth, backed by rapid distribution and customer-centred values.

We are ready to meet your needs with our ClearAisle multiwall and solid polycarbonate sheets, supplied fully customized and ready to install.



Uniquely placed with manufacturing plants in both the UK and USA, we are ideally equipped to deliver international sourcing.

Our USA manufacturing site is based in De Pere, Wisconsin, for supply throughout North and South American Markets.



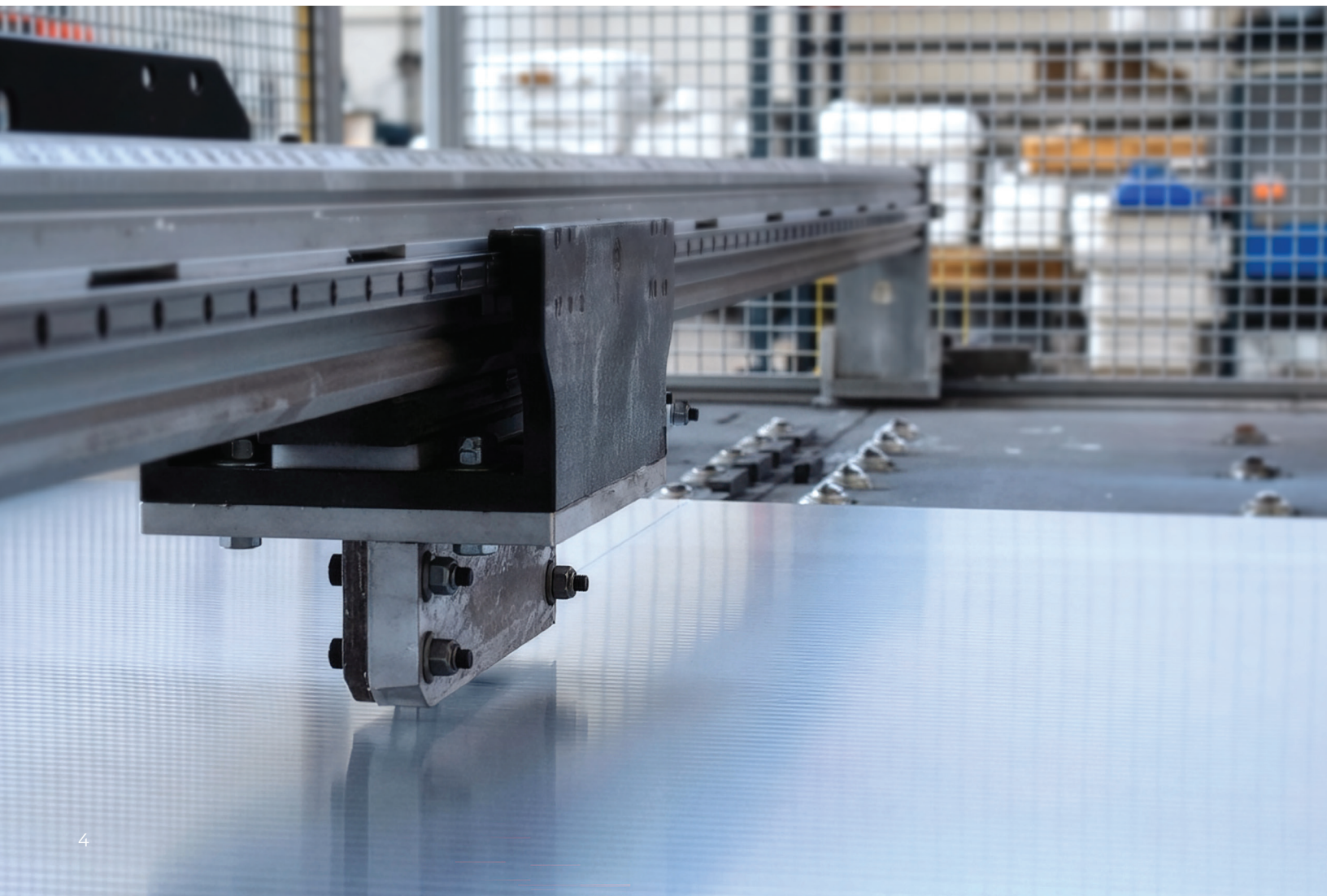
In every case we can support you with the exact service you need to meet your aisle containment panel requirements.

Our UK Partner, Brett Martin, has easy access to all European markets and also ships to all deep-sea locations.

Precision-cut. Perfect fit. Zero hassle.

With advanced on-line and off-line debris-free cutting capabilities, every ClearAisle panel can be customized precisely to your project requirements.

Each panel is cut with exceptional accuracy, ensuring smooth edges and clean flutes for a seamless, ready-to-install solution.



Rapid, on-demand delivery



**USA Warehouse &
Distribution**



**Safety Stock for
Expedited Lead Times**



**Delivered in
3-5 Days**

ClearAisle^{MW}

MULTIWALL POLYCARBONATE PANELS

Polycarbonate Multiwall Panels

ClearAisle multiwall polycarbonate is the ideal glazing solution for aisle containment, panels, doors and protective barriers in Data Centers.

Produced in optimal sizes and gauges for Data Centers, ClearAisle is cut on-line and can be fully customized for a ready to install solution.

Light in weight, durable and impact resistance, ClearAisle has excellent performance features and is manufactured in the USA.

Features & Benefits

- Minimizes heat transfer
- Preserves hot & cold aisle integrity
- Durable & impact resistant
- On-line cutting for customization
- Optimal sizes & gauges for data centers
- Clean flutes
- Excellent fire performance (Class A, CC1)
- Safety stock for expedited lead times (Delivered in 3-5 Days)

Properties Table

Product	Rib Spacing (mm)	Sheet Weight (lbs/sq.ft)	Light Transmission %	U-value (Btu/h.ft ² .F)
4mm Twinwall	4.6mm	0.16	85%	0.69
6mm Twinwall	5mm	0.25	82%	0.65
8mm Twinwall	10mm	0.307	81%	0.60
10mm Twinwall	10mm	0.348	81%	0.56
16mm Triplewall	20mm	0.55	74%	0.42

Product Range

Color:
Clear

Sheet Thickness:
4mm, 6mm, 8mm,
10mm, 16mm

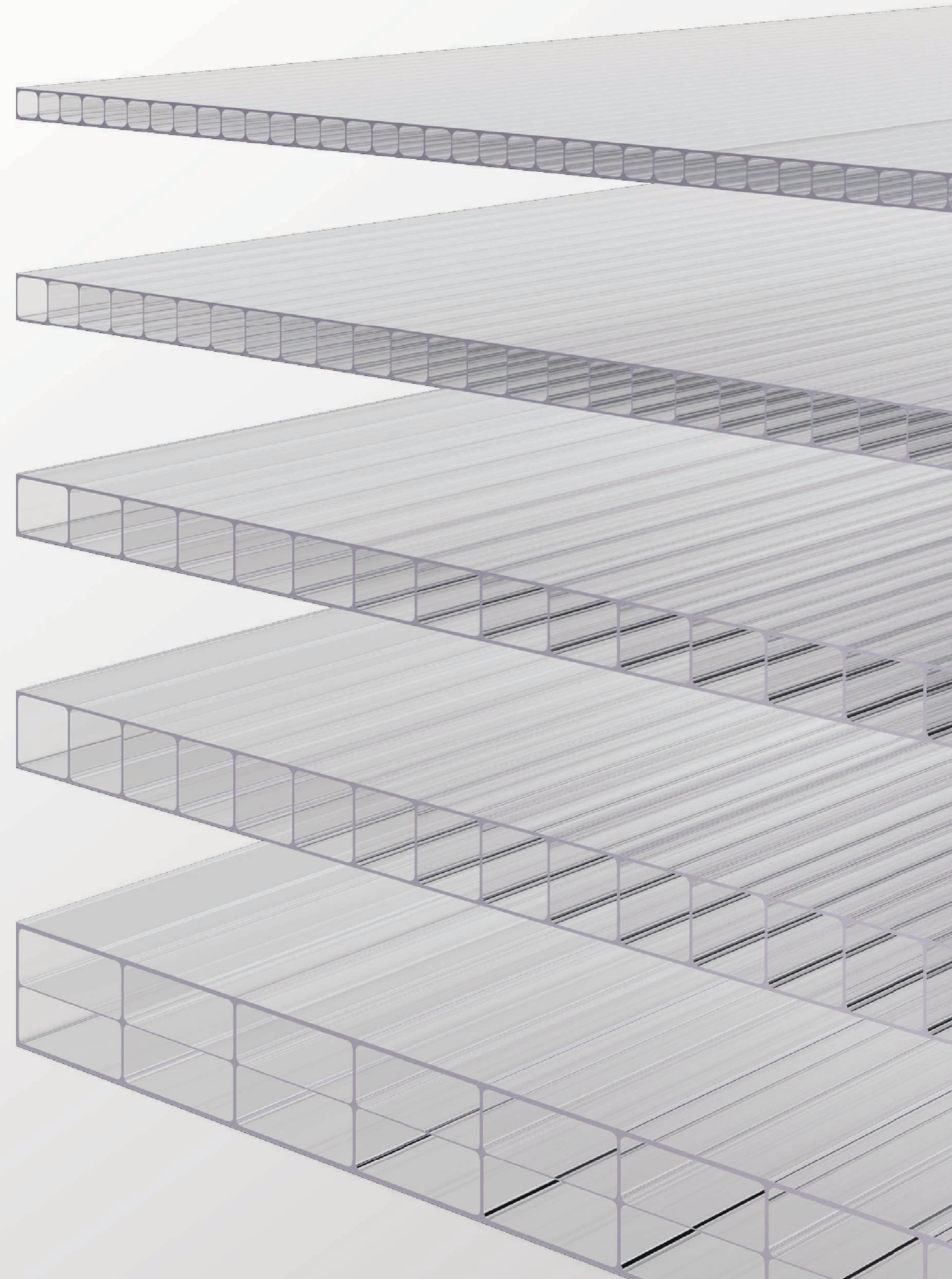
Structure Type:
Twin Wall, Triple Wall

Warranty:
10-Year Limited Warranty

Options:
UV protection

Data Center Applications

- Hot aisle containment
- Cold aisle containment
- Panels
- Doors
- Protective barriers



ClearAisle^{FS}

SOLID POLYCARBONATE PANELS

Solid Polycarbonate Panels

ClearAisle solid polycarbonate provides glass like optical clarity for viewing panels, windows and doors in aisle containment systems in Data Centers.

Light in weight, durable and impact resistant, ClearAisle displays excellent performance features and is supplied fully customized and ready to install.

Features & Benefits

- Glass like optical clarity
- Durable & impact resistant
- Optimal sizes & gauges for data centers
- Clean edges
- Excellent fire performance (Class A, CC1)
- Safety stock for expedited lead times (Delivered in 3-5 Days)

Product Range

- Color:**
Clear
- Sheet Thickness:**
4-15mm
- Warranty:**
10-Year Limited Warranty
- Options:**
UV protection

Data Center Applications

- Aisle doors
- Viewing panels
- Windows
- Protective barriers
- Security panels



Sustainable Options

By specifying our low embodied carbon sheet options in your aisle containment systems, significant carbon savings can be achieved.



ECO RANGE

Reclaimed post-production waste material from sheet trimming, machine change over, rejected sheet all collected and granulated for use in Eco products.



BIOPLUS

Produced from climate neutral, Bio Circular Attributed polycarbonate resin, our BioPlus is the lowest option for any new build or upgraded data center project.

UP TO
80%
RECYCLED MATERIAL

UP TO
94%
CARBON SAVING





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For the latest information visit
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