

2020-2022

# Sheet Product Catalogue

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**Since our foundation as a family run business over 80 years ago, D O'Sullivan Print Supplies (t/a Print Solutions) has been renowned for bringing the latest and most innovative print industry products to the marketplace. Over the years we were the first to introduce a number of products to the Irish Market, these included Free Foam PVC, Foam Centred board and Fluted Polypropylene among others.**

Much has changed since those early days but the principles of our business remain the same – to offer an unrivalled product portfolio, competitive industry pricing and a service that is second to none.

We deliver products Nationwide throughout Ireland from our base in Western Industrial Estate, close to the Naas Road in Dublin. This brochure is an introduction to our sheet range including Cardboard, PVC Signage sheets, Recyclable Polypropylene and Architectural Design products like Perspex and Polycarbonate.

Backed by a global supplier network, we pride ourselves as market leaders continually striving to source products at the best cost, that capture the latest innovation trend, cutting edge technology and products that offer environmental, recycling, food hygiene and fire retardant standards.

We employ key product sales specialists that can offer direct, technical support and application advice on any specific install. We also offer full solution options on many product grades such as hygienic wall cladding and architectural smart films. This includes site surveys and complete install fitout solutions.



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**PVC foam is a compressed pvc sheet used extensively in the sign making and display industries.**

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**Multiwall is a structured polycarbonate sheet used for both indoor and outdoor applications and extensively in outdoor roofing. The sheet is extremely lightweight but very strong, due to its internal hollow structure, which allows for ease of handling in larger sheet sizes.**

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**Bilcare Solutions offers a wide range of rigid PVC films for printing and decoration applications.**

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# 1. Paper Based Sheet





PRODUCT GROUP: PAPER BASED SHEET

# White Clay Coated Corrugated Board

SUPPLIER: CDG

Recycled	✓		
Recyclable	✓		
Biodegradable	✓		

In many cases today, there is no alternative to using plastic sheeting. White clay coated corrugated board can replace foam centred board and free foam PVC in certain applications.

**Our White Clay Coated Corrugated board is made up of twin or tri wall recycled fluting and lined with a high grade white clay coated liner to allow for excellent printability. This product boasts excellent flatness. Typical configuration is an EB or EE flute with a 180 gram clay coated liner on one or both sides.**

This product is both light weight and strong.

Typically this product is used for end of aisle merchandising, dumper boxes in supermarkets or as hanging POP signage.

Our Supplier has achieved a level of quality gained through 40 years of experience in the Industry, working with coated papers, on a modern corrugator designed for the production of Point of Sale and display grades.

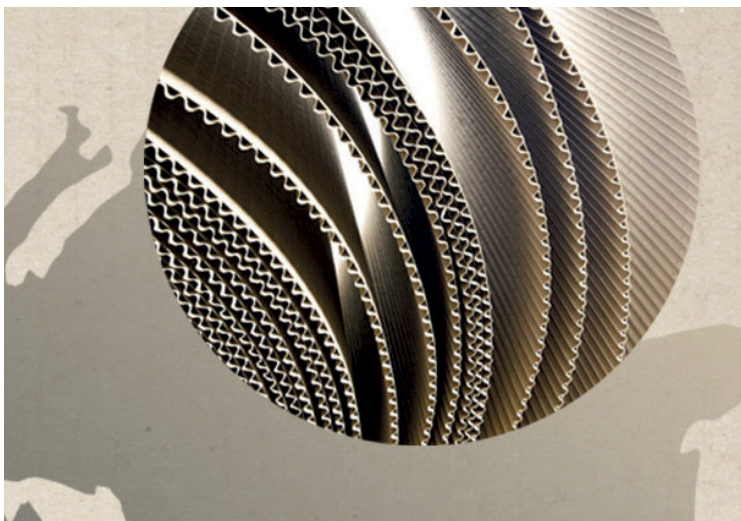
Our latest product line from CDG offers both recycled fluting and recycled white clay coated liners. Therefore this product is recycled, recyclable and biodegradable in land fill.

## Key Product Features:

- ✓ Printability
- ✓ Flatness
- ✓ Recycled / Recyclable
- ✓ Biodegradable

## Did you know?

- Check your flute direction as most of the strength in the sheet runs along the flute.
- When specifying a sheet size, remember the flute direction is expressed the opposite to grain direction in paper
- The product creases better across the flute



- The manufacturing process is managed by a computer system that ensures the uniformity of manufactured products.
- An automated control bench measures 25 technical characteristics on each mother roll produced. These values are stored in a database. The control of quality and traceability is thus insured.
- Sheets have a minimum of 100g fluting, delivered on special pallets to ensure good quality sheets, even in large sizes.
- The range includes FSC Kraft based papers with a bright White Finish. (180 and 225g/m<sup>2</sup>), or recycled (180 g/m<sup>2</sup>), with perfect paper tension and an adapted clay coating for high quality printing.



ERP Code	Description
756E13501850	E Flute 756
756E10401550	E Flute 756
4150EB13501850	EB Flute 4150
4150EB15502100	EB Flute 4150
4150EB16003200	EB Flute 4150
756E15502100	E Flute 756
649EE13501850	EE Flute 649
649EE24501650	EE Flute 649
694EE16003000	EE Flute 694
FFE51212001600	SFE Flute 512





PRODUCT GROUP: PAPER BASED SHEET

# Display Board (Display Line Print Premium)

SUPPLIER: SOLIDUS SOLUTIONS

Recycled	✓		
Recyclable	✓		
Biodegradable	✓		

In many cases today, there is no alternative to using plastic sheeting. Display board can replace foam centred board and free foam PVC in certain applications.

Our supplier **SOLIDUS SOLUTIONS** is the leading European sustainable fibre-based packaging provider for food & beverage, consumer goods and industrial applications. **DISPLAYLINE** board is smooth, stiff, stable and widely known for its quality finish and performance. It gives top-quality screen, offset and digital printing results.

Display Board is a solid board made up of a recycled grey board centre, laminated with a recycled clay coated liner. Typically, this product is used for Hanging Displays, Point-of-sale, Displays Showcards and Dumper Bins and small luxury boxes.

This product is recycled, recyclable and biodegradable in land fill.

**Key Product Features:**

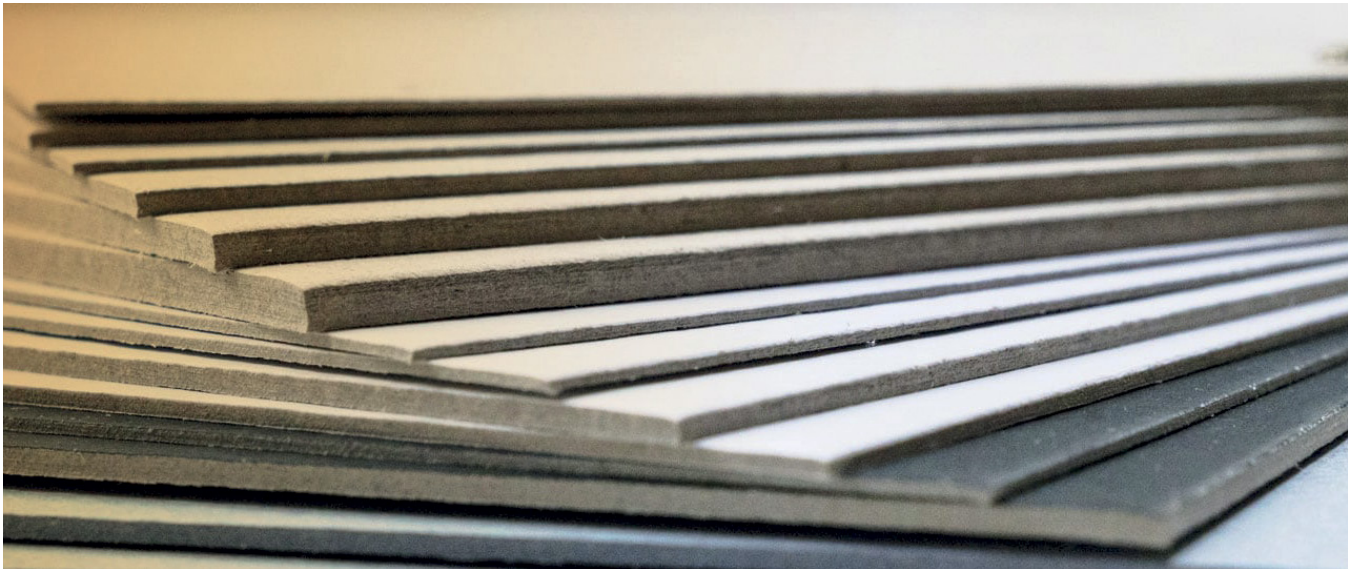
- ✓ Excellent printability
- ≡ Excellent flatness
- ✍ Highly suitable for die cutting, scoring and creasing
- 🧽 Dust free
- ♻ Recycled / Recyclable
- 🌱 Biodegradable

**Did you know?**

- Check your grain direction
  - Place smaller dimension first to specify long grain

**Example**  
1220 x 2440 is long grain  
2440 x 1220 is Short grain





ERP Code	Description	Thickness	Size (mm)
PB1251040B	Display Line Print Premium	1.25mm	1040 x 1550
PB12501850B	Display Line Print Premium	1.25mm	1250 x 1850
PB17501550B	Display Line Print Premium	1.80mm	1040 x 1550
PB17501850B	Display Line Print Premium	1.80mm	1250 x 1850
PB17502050B	Display Line Print Premium	1.80mm	1545 x 2050



PRODUCT GROUP: PAPER BASED SHEET

# Xanita

SUPPLIER: Xanita

Recycled	✓		
Recyclable	✓		
Biodegradable	✓		

Xanita board is an engineered fibreboard manufactured from fibres recovered from recycled used cardboard boxes.

Xanita offers two core fibreboard products namely Xanita Print and Xanita Kraft . The inner core of all Xanita boards is 100% repulpable, ultra lightweight, significantly stronger than traditional honeycomb fibreboard and non-toxic.

Xanita Board is ideal for short-term retail displays such as point-of-purchase displays and brand activation. Xanita Board can be used to make all the displays, merchandising and stocking systems needed to make your brand stand out. The range comes with it’s own unique fixing accessories, allowing for structured finished stands to be created.

**Key Product Features:**

-  100% Recycable
-  Lightweight
-  Printability
-  Water Repellent
-  Cutting
-  Assembling

**Application:**

- Sign & Display
- Retail Displays
- Expo’s & Events
- Retail Shopfitting



# Xanita





Xanita Board is not only lightweight and easy to assemble, but is also weight-bearing, making it an excellent choice for semi-permanent displays that can support heavy products in a way that cardboard or other materials can't. Xanita board stands and displays are quick to assemble, lightweight, flat packable, and will enhance what would have been an otherwise plain environment. Standard and custom designs allow you to create a space that is perfectly tailored to your brand and needs.

For example, Xanita board expo stands give you an easy to set-up and inviting environment for potential clients. (Xanita board exhibition stands are also 100% recyclable).

Direct printing Xanita board has the ability to mimic other materials such as wood, concrete, OSB and more. Because Xanita board is ultra lightweight, it is especially great for overhead decorative applications, such as bulkheads.



ERP Code	Description	Thickness	Size (mm)
PSXXBP612202440	X-Board Print White	6mm	2440 x 1220
PSXXBP1012202440	X-Board Print White	10mm	2440 x 1220
PSXXBP1012203050	X-Board Print White	10mm	3050 x 1220
PSXXBP161220240	X-Board Print White	16mm	2440 x 1220
PSXXBP1612203050	X-Board Print White	16mm	3050 x 1220

PRODUCT GROUP: PAPER BASED SHEET

# DISPA

SUPPLIER: 3A COMPOSITES

Recycled	X		
Recyclable	✓		
Biodegradable	✓		

DISPA is the new paper board from 3A Composites with a unique structure of embossed foamed paper which gives it strength and rigidity. It's a laminated structure, constructed from embossed foamed paper using an innovative, unique and patented manufacturing process.

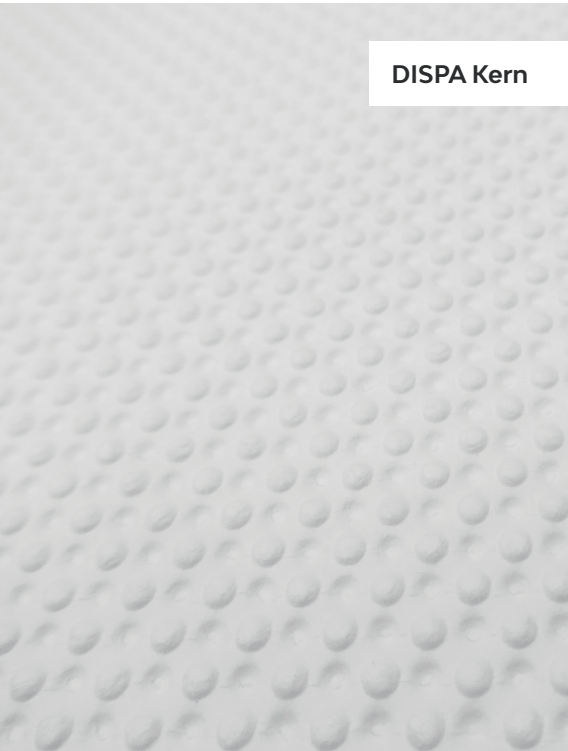
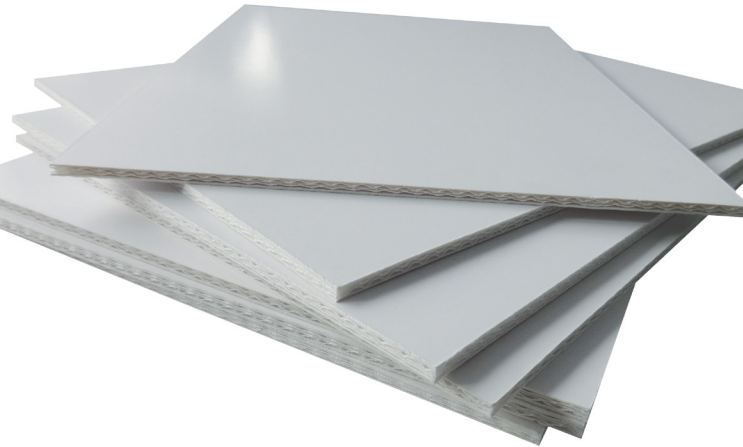
It is the perfect solution for short term promotional campaigns. DISPA delivers everything you would expect from a sign and display board. Flat, smooth surface, excellent printability, rigidity and stability and a unique design made of 100% paper. The embossed structure that forms the central layer of DISPA is the result of extensive analysis and testing of different profiles. This patented core and method of manufacture results in a uniquely stable board. DISPA is a 100% cellulose fibre product and is fully recyclable.

### Key Product Features:

- ✓ Printability
- ✓ Bright white and smooth – graphics look amazing
- ✎ Lightweight
- ✎ Strong, rigid and stable – signs that start flat and stay flat!
- ♻️ Made of 100% FSC – certified paper
- ♻️ Recyclable
- 🌱 Biodegradable

### Application:

- POP hanging signs
- Displays
- Short term promotional campaigns



**DISPA Board perfect solution for:**

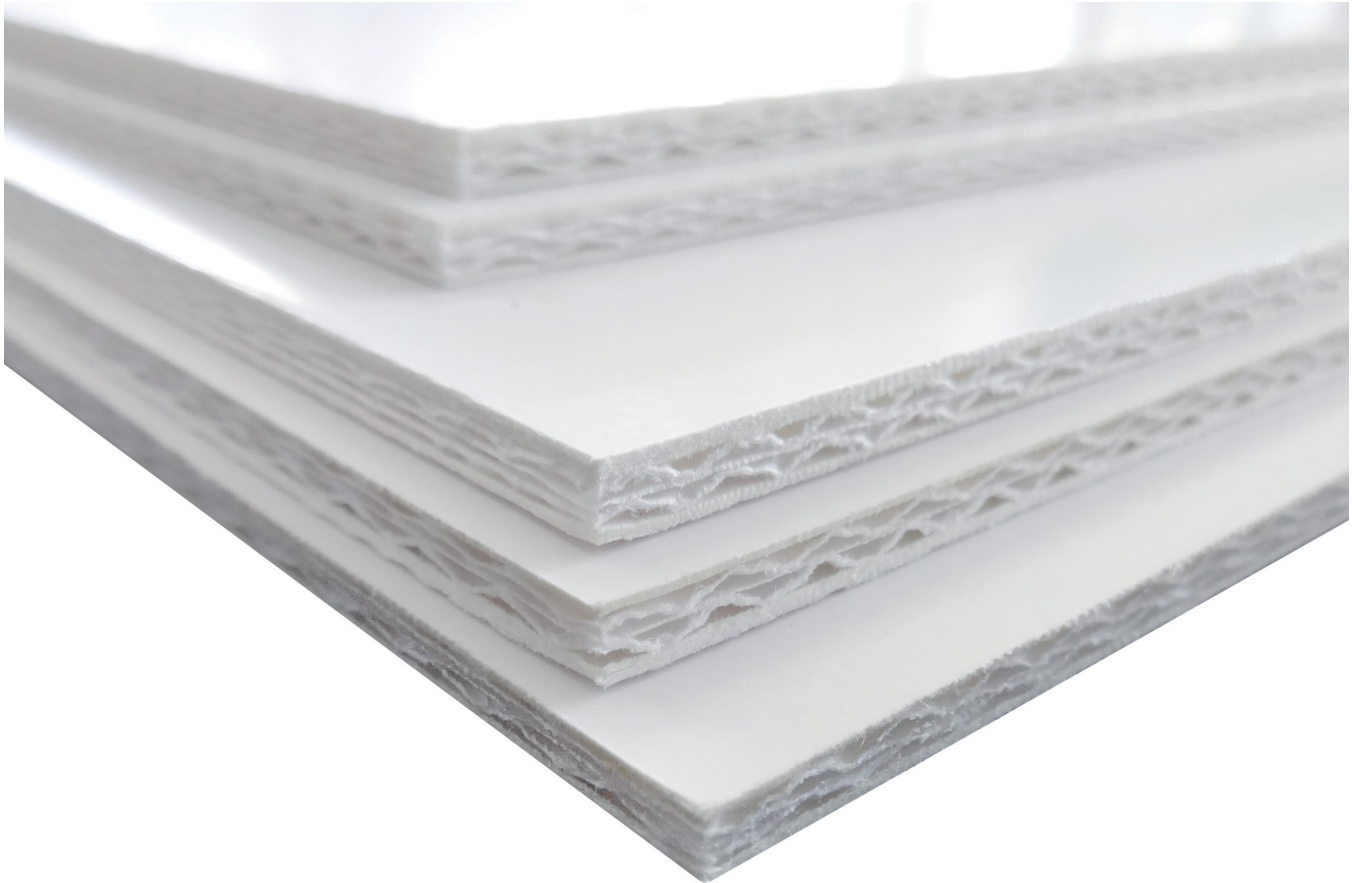
- Short term promotional campaigns
- Hanging Signs
- Display and POS/POP applications
- DISPA will stay looking good for as long as you need it to with the added reassurance that when you dispose of it, it won't be hanging around for long.

**Processing:** Thanks to the ease of processing, working with DISPA is efficient and fast.

**Print:** DISPA delivers high quality results both for digital and screen printing.

**Laminate:** DISPA is ideal for pre printed double sided off set litho sheet lamination.

**Cut:** DISPA can be guillotined and is suitable for die cutting without special tooling or techniques.



ERP Code	Description	Thickness	Size (mm)
DISPA381250	Graphic board white	3.8mm	1250 x 1840
DISPA3812502450	Graphic board white	3.8mm	1250 x 2450

**DISPA FSC Certified:**

- Papers used to produce DISPA are all FSC certified.
- Clear indicator that the paper layers come from responsible forest management.
- Use of forests in accordance with the social, economic and ecological needs.
- Production process audited by FSC.
- No mix with controlled / non certified paper.
- Customers buying DISPA make an active contribution to the sustainable management of forests around the world.



# 2. Foam Centered Sheet



PRODUCT GROUP: FOAM CENTERED SHEET

# Smart X

SUPPLIER: 3A COMPOSITES



**Smart X is a mono-material composite made from 100% polystyrene with no adhesive between core and cover layers.**

Ecological: Smart X with a homogeneous compound is 100% recyclable. About 95% of the production waste with Smart X is collected and recycled on site. Smart X is a sophisticated board for both internal and external applications. Manufactured from 100% polystyrene by 3A Composites in Switzerland. Smart X is a great potential replacement for Foam PVC.

As the retail sector migrates from the use of PVC, Smart X gives the right balance of environmental credentials and great looking product.



## Key Product Features:

-  100% Recyclable
-  High stability with very low weight
-  Very good resistance to weathering
-  High UV Stability
-  Humidity Resistance
-  Brilliant printing results with direct digital printing giving vibrant colours including exterior applications
-  Water repellent
-  Cutting
-  Assembling

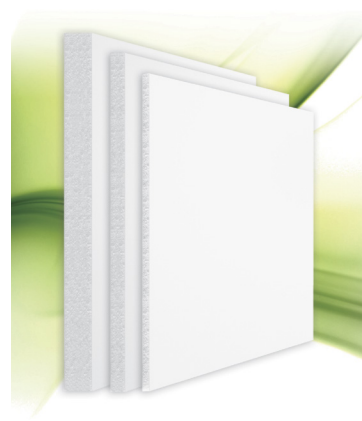
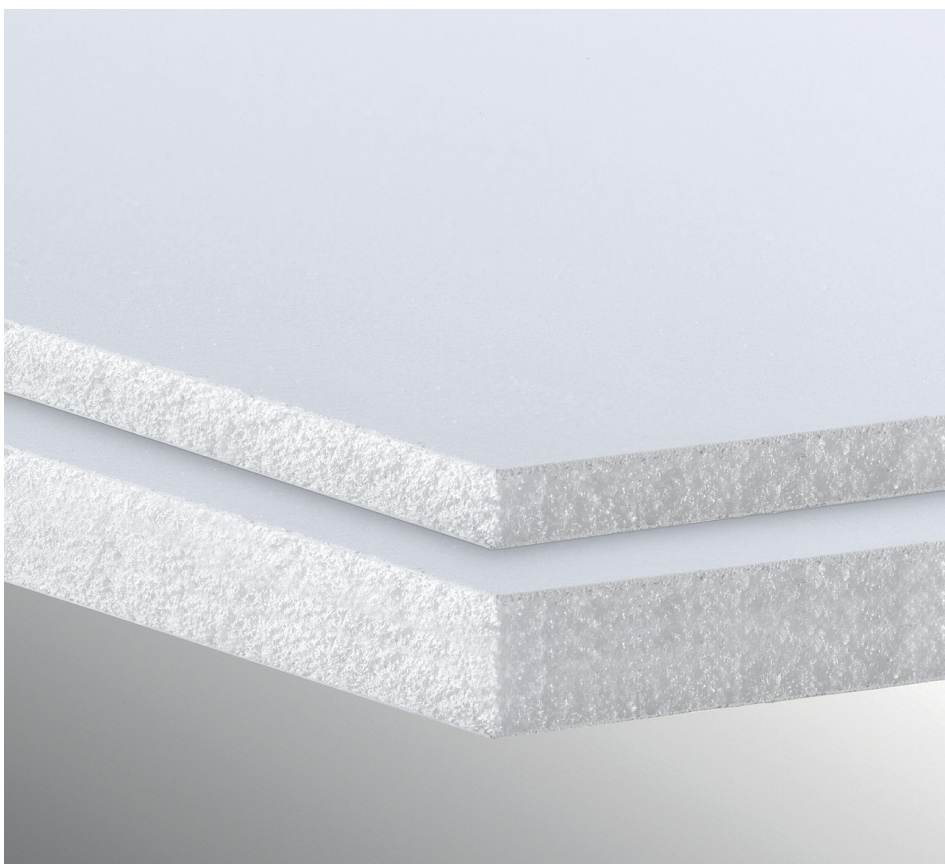
## Application:

Smart-X Can be used with all lamination and printing techniques for applications in the fields of:

- Advertising signage
- Event marketing
- POS/POP displays



- All types of signage, especially large format or long and narrow signs - formats where other materials usually deform.
- Optimal for self supporting, free standing structures - directly printed - milled - shipped flat - assembled on site.
- Life- sized fashion displays made from Smart-X and directly printed - contour milled - assembled on site - ready to go.
- Our customers are convinced of the unique qualities of Smart X. Major furniture stores, DIY stores, food retail chains as well as suppliers of POS/POP displays and service providers in the event marketing industry are just a few examples of the satisfied Smart X customer base.



ERP Code	Description	Thickness	Size (mm)
SMARTX512202440	Smart X White	5mm	1220 x 2440
SMARTX530502050	Smart X White	5mm	2030 x 3050
SMARTX1012202440	Smart X White	10mm	1220 x 2440
SMARTX1030502050	Smart X White	10mm	2030 x 3050

**REACH Regulation:** Smart X meets the requirements of the current version of European Union chemicals regulation (REACH). In particular, Smart X foam boards do not contain any substances which are listed in the current version of the ECHA Candidate List of substances of "Very High Concern" (SVHC).

PRODUCT GROUP: FOAM CENTERED SHEET

# Stadur Viscom Sign SF

SUPPLIER: STADUR



The Stadur VISCOM SIGN SF lightweight foam board consists of PVC foam sheets on both sides. Due to its low weight and solid dimensional stability it features outstanding high quality.

## Facings:

Consisting of PVC foam sheets in white with a protective foil. The surface is suitable for digital direct printing. The sheet is dual sided with a flush-mounted protective film

## Advantages at a Glance:

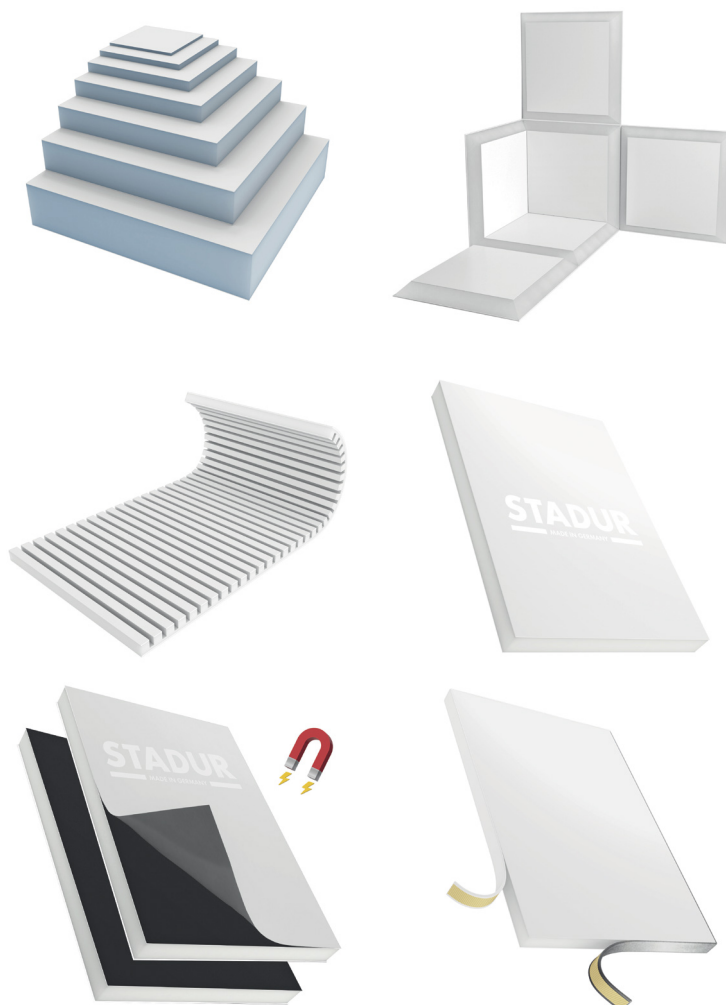
Low weight, rigid, very easy to handle, suitable for indoor and outdoor applications. Weather resistant, humidity resistant, dual sided and flush-mounted protective film, excellent printing results with direct digital printing. Available up to 2030 mm width, CNC milling, easy bendable after using single-sided V-shaped grooves, various geometrical shapes can be generated with slot-grooving, Surface ready for painting.

## Key Product Features:

-  Low weight
-  Rigid
-  Suitable for indoor as well as outdoor applications
-  Weather resistance
-  Approved surface for digital printing

## Application:

- Digital printing / Screen printing
- POS / POP
- Interior / Exterior signage
- Display Exhibitions
- Shop fitting / Shop Design
- Event marketing / Promotions
- Photo Mounting



**STADUR**  
MADE IN GERMANY





ERP Code	Description	Thickness	Size (mm)
SIGNSF512202440	Stadur White	5mm	2440 x 1220
SIGNSF530501530	Stadur White	5mm	3050 x 1530
SIGNSF1012202440	Stadur White	10mm	2440 x 1220
SIGNSF1030501530	Stadur White	10mm	3050 x 1530
SIGNEP512202440	Stadur White	5mm	2440 x 1220
SIGNEP1012202440	Stadur White	10mm	2440 x 1220
SIGNEP1912202440	Stadur White	19mm	2440 x 1220
SIGNEPBLK1930501530	Stadur Black	19mm	3050 x 1530
SIGNEP3012202440	Stadur White	30mm	2440 x 1220
VISMAG1012202440	Stadur Magnetic	10mm	2440 x 1220
VISWB1012202440	Stadur Whiteboard	10mm	2440 x 1220
VISEGEWH1050	Edging Tape White	Edge tape	10mm x 50m roll
VISEGEBL1050	Edging Tape Black	Edge tape	10mm x 50m roll

# 3. Composite Aluminium Sheet





PRODUCT GROUP: COMPOSITE ALUMINIUM SHEET

# Composite Aluminium Sheet

SUPPLIER: BSMART

An excellent composite aluminium panel with a recycled LDPE core and AA1100 grade aluminium skins. The sheet has a high grade digital lacquer for top quality digital printing and a reverse side with a clean grey primer. The sheet is lined with an easy peel PE liner, offering time saving and increased productivity.

This Matt / Mill sheet is perfectly flat and ideally suited for general outdoor signage. It is also commonly used as Construction site hoarding where it is direct printed. Colours in this sheet range are supplied as standard with Gloss finish one side and Matt finish other side.

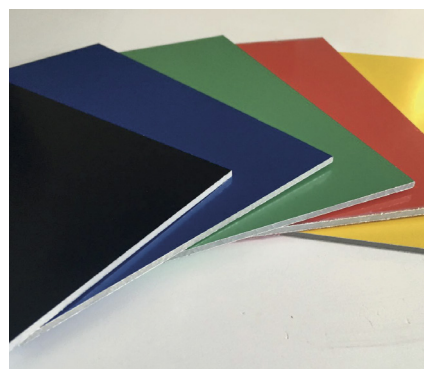
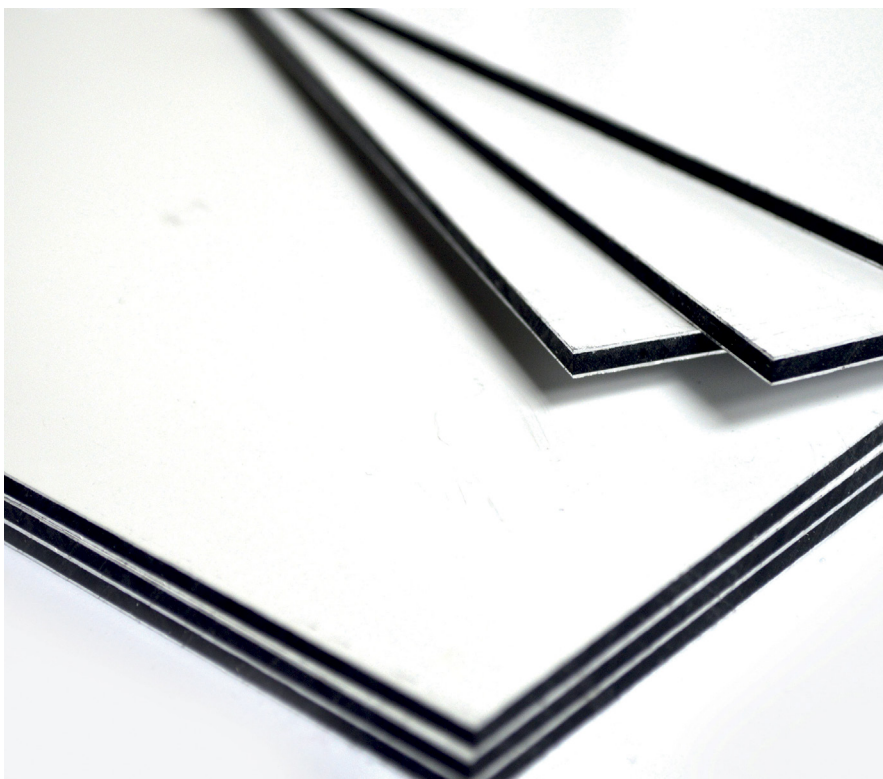


## Key Product Features:

- ✓ Printability
- ✓ Excellent Ink key
- ✓ Sheet flatness
- ✓ Easy Peel Liner



**b**smart  
media & displays



ERP Code	Description	Thickness	Size (mm)
ACP3MM1220X2440.06	Display White	3mm	2440 x 1220
ACP3MM1220X2440.12	Sign Premium	3mm	2440 x 1220
ACP3MM1220X2440.15	Hoarding White	3mm	2440 x 1220
ACP3MM1500X3050.15	Hoarding White	3mm	3050 x 1500
ACP3MM1220X2440.18	Hoarding Premium	3mm	2440 x 1220
ACP3MM1500X3050.18	Hoarding Premium	3mm	3050 x 1500
COMALU3WH122003SS	Fabrication White	3mm	2440 x 1220
COMALU3WH15003SS	Fabrication	3mm	3050 x 1500
ACP3MMBLKGM1500X3050.25	Black Gloss/Matt	3mm	3050 x 1500
Other Colours Blu, Red, Yel, Grn	Gloss / Matt	3mm	3050 x 1500
CALMIR12202440	ACP Mirror	3mm	2440 x 1220
COMALUGC312203050	Brushed Gold/Copper	3mm	2440 x 1220
COMALUSB31220F	Brushed Silver (Butler)	3mm	2440 x 1220

PRODUCT GROUP: COMPOSITE ALUMINIUM SHEET

# DIBOND® Aluminium Composite

SUPPLIER: 3A COMPOSITES

**Di Bond is the world's first aluminium composite sheet which is specially optimised for display.**

It is light and can be 3-dimensionally shaped, making it extremely stable and rigid. DIBOND® is ideally suitable for internal and external applications and can be used for an extraordinary variety of surfaces.

## DIBOND® design

Unlimited design freedom to express your individual style. Design your individual décor and realise the concept on the object of your choice.

## BUTLERFINISH®

The characteristic brushed effect of BUTLERFINISH® is due to a special surface polishing process in which the cover sheet is first run through rollers and then stove-enamelled with clear lacquer.

## DIBOND® digital

A specific paint system guarantees the best ink adhesion for UV-curable and solvent-based inks. The combination of this paint system and the extremely flat surface of DIBOND® digital not only enables the reproduction of very fine lines and structures but also allows faster printing.

## DIBOND® decor

DIBOND® decor is our name for DIBOND® surfaces with a wood-look finish. These surfaces score in places where a combination of elegant wood-look and creative finishing are called for.

## DIBOND® mirror

This mirrored surface for display areas has reflective qualities which are similar to those of a conventional mirror; it is unbreakable, however, and is only half as heavy.

## DIBOND® FR

DIBOND® FR aluminium composite sheets have the fire classification "fire retardant" because of their mineral core.

## DIBOND® structure

DIBOND® structure gets its characteristic look from a special paint system which gives the plate a haptic surface. With the option of a black or a silver surface, DIBOND® structure creates special accents.

## DIBOND® eloxal

DIBOND® eloxal surfaces are coated in a special process with a 5 µm or 10 µm thick anodised coating which makes them significantly harder than surfaces finished using a paint system.

## Key Product Features:

- ✓ Easy to process
- 🎨 Extensive colour range
- 🔥 Fire resistance
- 📄 Formability
- 🔧 Hard wearing
- ⚡ Weather resistant
- 🔗 Stiffness / rigidity

## Application:

- Creative work
- Decorative lighting
- Digital printing
- Displays (POS/POP)
- Exhibition design
- Furniture
- Interior design
- Lettering
- Partitions / cladding
- Screen printing
- Shop design / shop fitting
- Signage

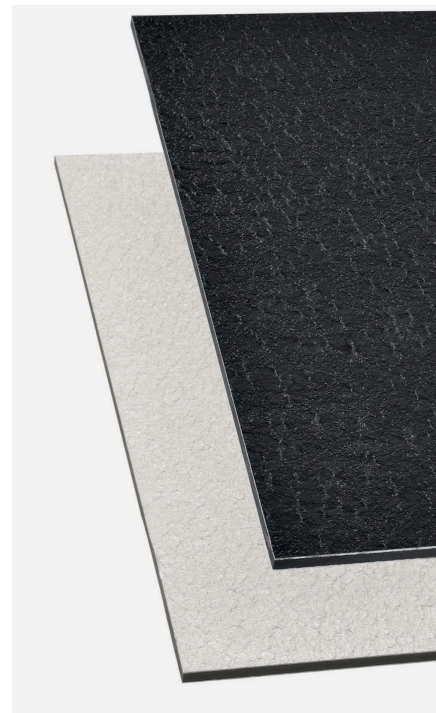
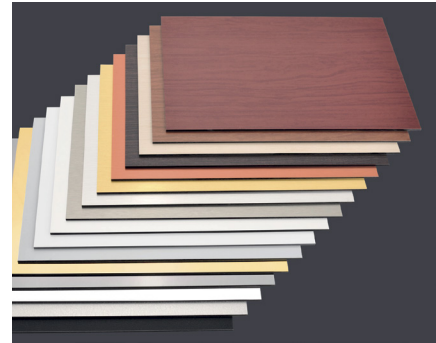
## Standard range

**Colours:** A very wide-ranging palette of standard and complementary colours

**Thickness:** 2 - 6 mm







**Please Note:** Sheet orders are subject to MOQ, production run schedules and stock availability at supplier. Sheet range may be changed / updated without notice.

PRODUCT GROUP: COMPOSITE ALUMINIUM SHEET

# HYLITE® Aluminium Composite

SUPPLIER: 3A COMPOSITES

**HYLITE® is an aluminium composite panel with a polypropylene core and aluminium outer skins. Two different core systems mean our range offers great variety for very different applications.**

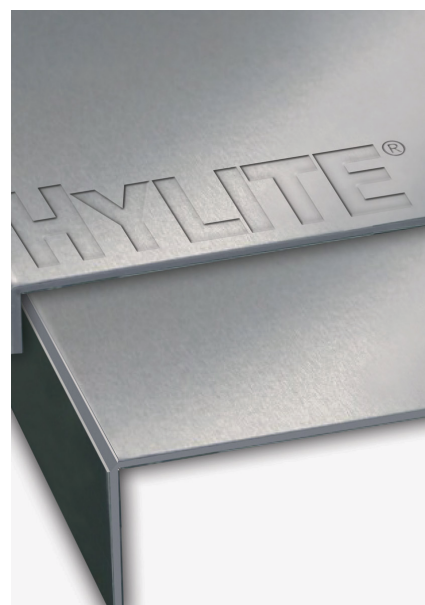
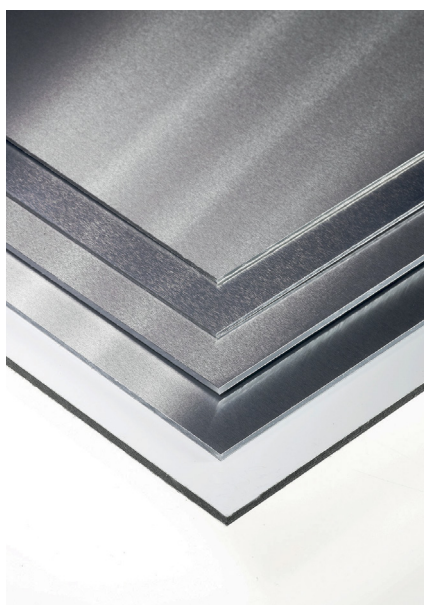
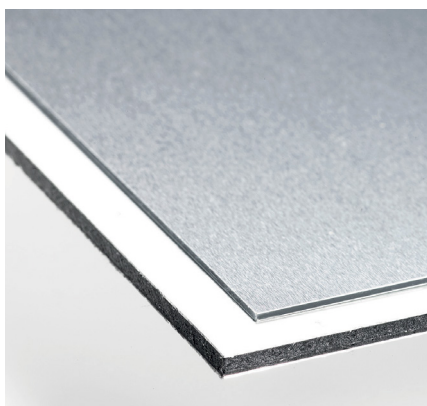
HYLITE® is the world's thinnest composite panel with thicknesses of 1.2 mm and 2 mm

HYLITE® is an Ultra-light aluminium composite panel

HYLITE® offers another special feature: The panel's core material can provide a hinge function, which withstands repeated bending without damage.

This function is achieved by milling grooves at the same position into both outer aluminium skins. RWTÜV testing has shown that the hinge application is unimpaired even after 80.000 bends.

The core material for the 3mm and 4mm panel thicknesses is foamed in a manufacturing process specially developed for this purpose. The result is an ultra-light aluminium composite panel, and the only cutback is in weight: HYLITE® in 3mm and 4mm thicknesses is up to 80 % lighter than conventional steel sheets or up to 60 % lighter than aluminium sheets yet provides the same flexural rigidity. Its high heat-resistance is a further plus as is its printability. This is ensured by the high-quality aluminium strips which are inserted during production.



## Key Product Features:

- ✓ Easy to process
- ☞ Formability
- ⚡ Hard wearing
- ⚡ Weather resistant
- ☞ Lightweight
- ☞ Stiffness / rigidity

## Application:

- Creative work
- Decorative lighting
- Exhibition design
- Furniture
- Interior design

## Standard range

**Colours:** Aluminium-look, white, other colours on request

**Thickness:** Compact core: 1.2 or 2.0 mm  
Foamed core: 3.0 or 4.0 mm

PRODUCT GROUP: COMPOSITE ALUMINIUM SHEET

# KAPA® tech Aluminium Composite

SUPPLIER: 3A COMPOSITES

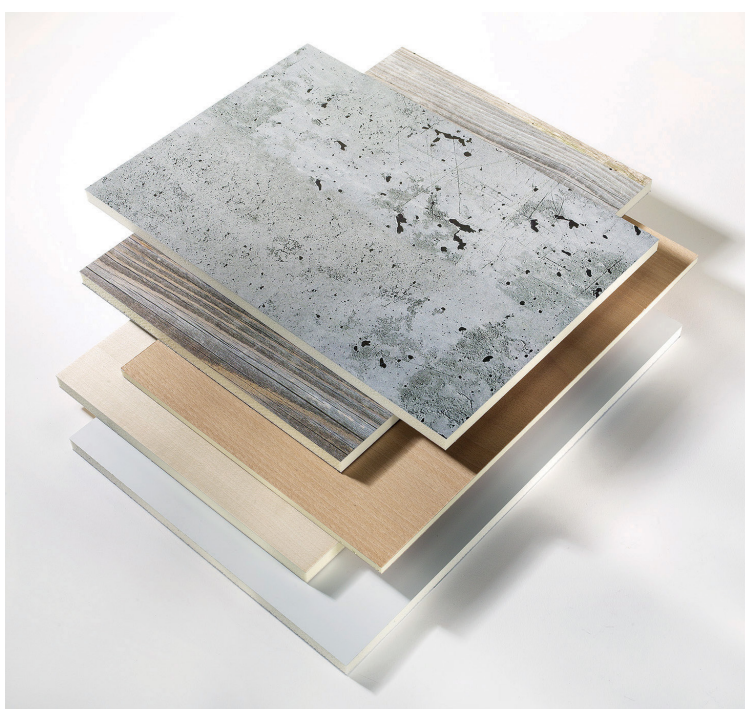
**KAPA®tech is the innovative lightweight foamboard of 3A Composites. The pioneering composition of PUR foam and aluminium skins combines lightweight with rigidity.**

Moreover, KAPA®tech is euroclass B certified; it is the first KAPA® board in the category "difficult to ignite". KAPA®tech offers perfect characteristics for a lot of interesting applications in transport and industry as well as in visual communication.

- Polyurethane foam core with coated aluminium skins
- B-s2-d0 "difficult to ignite" according to EN ISO 13501-1
- Lightweight foamboard suitable for exterior as well as for interior use
- Weather-resistant and resistant to humidity
- Good dimensional stability and stiffness
- Good insulating properties
- Protective film on both sides

## Standard range

**Thickness:** 5 - 10 mm



## Key Product Features:

- ✓ Easy to process
- 🔥 Fire resistance
- 🔧 Hard wearing
- ⚡ Weather resistant
- 🍃 Lightweight
- 🔗 Stiffness / rigidity

## Application:

- Insulation
- Ceilings
- Interior fittings for trains, mobile homes and caravans
- Elevator cabins
- Base panel for furniture construction
- Casing of machines
- Air ducts
- Shop fitting
- Stand construction
- Displays for POS
- POP applications
- Signage
- Classical applications of visual communication
- 3D applications
- Digital printing
- Displays (POS/POP)
- Exhibition design
- Interior design
- Partitions / cladding
- Screen printing
- Shop design / shop fitting

# 4. Polypropylene Sheet





PRODUCT GROUP: POLYPROPYLENE SHEET

# Corriplast Sheet

SUPPLIER: ENPLAST



**Corriplast is a polypropylene sheet manufactured in Ireland. Traditionally referred to as a 'H flute' or twin walled polypropylene, the sheet is commonly used in outdoor signage like election posters and other temporary signage.**

The manufacturing process used by our Irish supplier Enplast Extrusions, includes only the highest grade co-polymer, ensuring that their polypropylene sheets are approved for use in contact with food products.

Twin walled polypropylene is a lightweight, cost effective and environmentally friendly alternative to wooden, cardboard or solid plastic sheets. As a polypropylene material, the sheet is completely waterproof, damp proof and scratch resistant while maintaining a flexibility that allows it to be cut, shaped, scored, glued and welded. Corriplast polypropylene sheets are 'Corona' treated for use with silk screen and digital printers and are available in a wide range of colours, thicknesses, weights and sizes, and can be tailored to suit your exact requirements.

Corriplast offers a cost effective choice for both indoor and outdoor signage and is used extensively throughout the signage industry in Ireland where it is ideal for direct printing or for the application of letters and motifs created with self-adhesive vinyl.

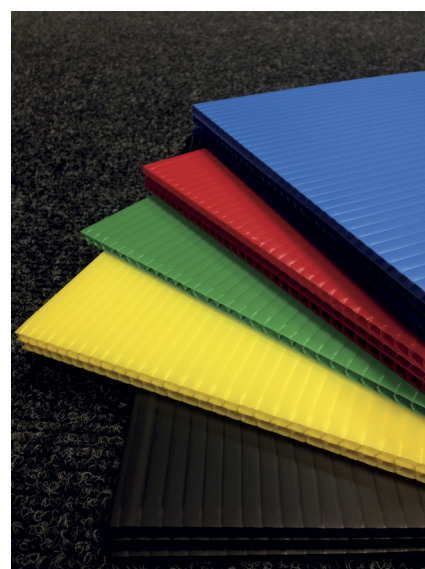
## Key Product Features:

- 100% Recyclable PP
- 100% Opaque
- Waterproof
- UV Resistant
- Chemical Resistant
- Scratch proof
- High impact resistance
- Lightweight
- Indoor or Outdoor

## Application:

- POS and POP displays
- Printed exhibition boards
- General signage





ERP Code	Description	Thickness	Size (mm)
CPS21220	Corriplast White	2.0mm	1220 x 2440
CPS351220600	Corriplast White	3.5mm	1220 x 2440
CPS4460	Corriplast White	4.0mm	460 x 610
CPS4610	Corriplast White	4.0mm	610 x 610
CPSBLK41220650	Corriplast Black	4.0mm	1220 x 2440
CPS41000	Corriplast White	4.0mm	1000 x 2000
CPS41220	Corriplast White	4.0mm	1220 x 2440
CPO381220	Corriplast Orange	4.0mm	1220 x 2440
CPS51220	Corriplast White	5.0mm	1220 x 2440
CPS541220	Corriplast White	5.4mm	1220 x 2440
CPS61000	Corriplast White	5.5mm	1000 x 2000
CPS61220	Corriplast White	5.5mm	1220 x 2440
CPS612203050	Corriplast White	5.5mm	1220 x 3050
CPS615243050	Corriplast White	5.5mm	1524 x 3050
CP61220	Corriplast White	6.0mm	1220 x 2440
CPS101220	Corriplast White	9.0mm	1220 x 2440
CPS103050	Corriplast White	9.0mm	1220 x 3050
CPS1015243050	Corriplast White	9.0mm	1524 x 3050
CP101220	Corriplast White	10.0mm	1220 x 2440

PRODUCT GROUP: POLYPROPYLENE SHEET

## Bubble Guard

SUPPLIER: IMBALLAGGI PROTETTIVI (IP)



Bubble guard is a polypropylene sheet with a structured 'bubble' interior sandwiched between two smooth outer layers. Polypropylene is becoming the product of choice for retail and many other sectors as they seek a more environmentally friendly alternative to traditional PVC sheet.

Bubble guard has a unique internal 'bubble' structure, making it very lightweight but giving it bi-directional strength unlike H Flute Corriplast, making it an ideal replacement for outdoor print signage like election posters, as well as fence and post signage.

Our frame retardant sheet is of particular interest to **stadium and arena management companies**, who wish to use an environmentally friendly but fire safe sheet, ensuring weight is kept to a minimum while not compromising on print quality. All bubble guard sheets are 100% opaque, allowing for 2 sides printing.

Our Bubble Guard range has a number of sheet variants. **Fleet management companies** are showing keen interest in our 4mm Grey for van lining and our 10mm black bubble guard with diamond pattern grip for van flooring. These sheets are impact resistant and offer a weight reduction on traditional van fitting materials like Plywood, hence increasing fleet fuel efficiency while maximising payload.

Our bubble guard 'smooth' sheet product is CORONA treated, making it a perfect substrate for all modern digital print machines and inks.



### Key Product Features:

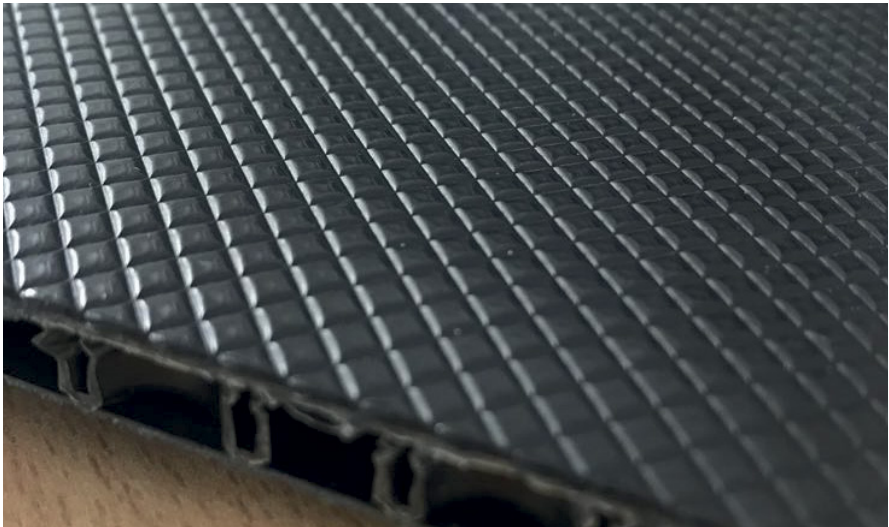
- ✓ Excellent printability
- ↓ Flat smooth surface
- ✈ Light weight
- 100% Opaque
- 🔗 Rigid with Bi-directional strength
- 🍷 Meets FDA requirements for food safety
- ☀ UV protection
- 🔥 Flame retardant
- 🌱 Environmentally friendly
- ♻ 100% Recyclable PP
- 💧 Water resistant, rot and rust proof
- 🧪 Chemical, solvent, oil resistant
- 🔑 Scratch proof
- 🔨 High impact resistance

### Application:

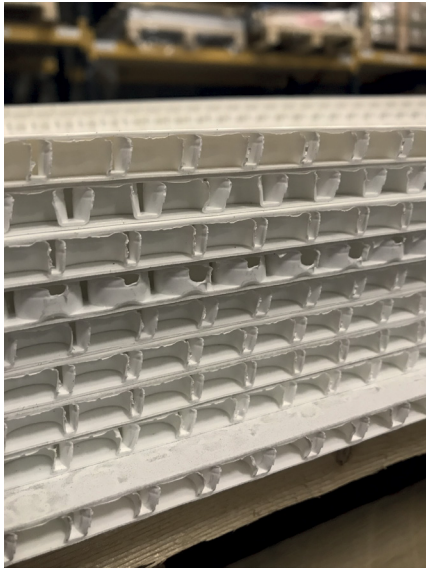
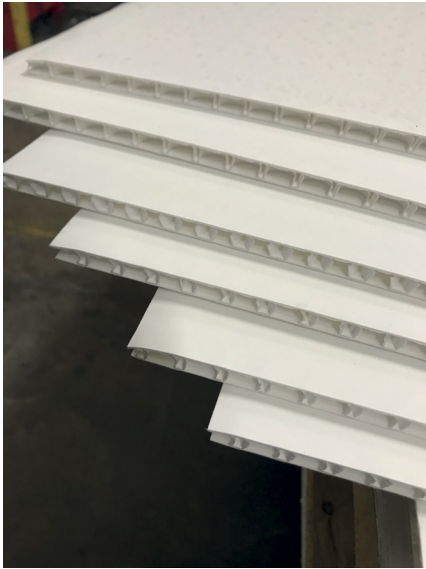
- POS and POP displays
- Stadium and Arena signage
- Outdoor signage
- Printed Packaging
- Fleet / Van lining







ERP Code	Description	Thickness	Size (mm)	Colour / Finish
BGMTUVWH12208	Bubble Guard UV	8.0mm	2440 x 1220	White
BGMTUVWH12209.3	Bubble Guard UV	9.3mm	2440 x 1220	White
BGOPDKG4205305	Bubble Guard 1500gsm	4.0mm	3050 x 2050	Dark Grey Orange Peel
BGDBLK18503200	Bubble Guard 3000gsm	10mm	3200 x 1850	Black Diamond
BGSWH390012242440	Bubble Guard 900gsm	3.0mm	2440 x 1220	White Smooth White Bubble
BGSWH980315603050BC	Bubble Guard FR 980gsm	3.0mm	3050 x 1560	White Smooth Black Bubble
BGSWH5160012242440	Bubble Guard 1600gsm	5.0mm	2440 x 1220	White Smooth White Bubble
BGSWH5170015603050	Bubble Guard FR 1700gsm	5.0mm	3050 x 1560	White Smooth Black Bubble



PRODUCT GROUP: POLYPROPYLENE SHEET

## PP Foamed Sheet (PolyCraft®)

SUPPLIER: MAPAL PLASTICS



This foamed PP sheet is of particular interest to retail and other industries who are seeking to move away from PVC for the creation of signage, general display graphics and exhibition panels.

PolyCraft® is the perfect medium for printed signage and point-of-sale advertising materials. Although these specialized polypropylene sheets are just 2 or 3 millimeters (0.08' or 0.12') thick, they punch way above their weight and are super-light and robust, highly scratch-proof, resistant to heat and chemicals and 100% opaque.

PolyCraft® sheets are designed to meet the specific needs of high impact marketing materials such as printed exhibition boards, signs, POS and POP displays. Because of their high resistance to UV light, PolyCraft® sheets are ideally suited to outdoor advertising displays, performing much better than pvc sheets.

Sheets are manufactured with technologies and formulae that maintain the Corona treatment at a high level for at least one year under good storage conditions. Hewlett-Packard (HP) approves a number of its Indigo Printers for printing on these sheets.



### Key Product Features:

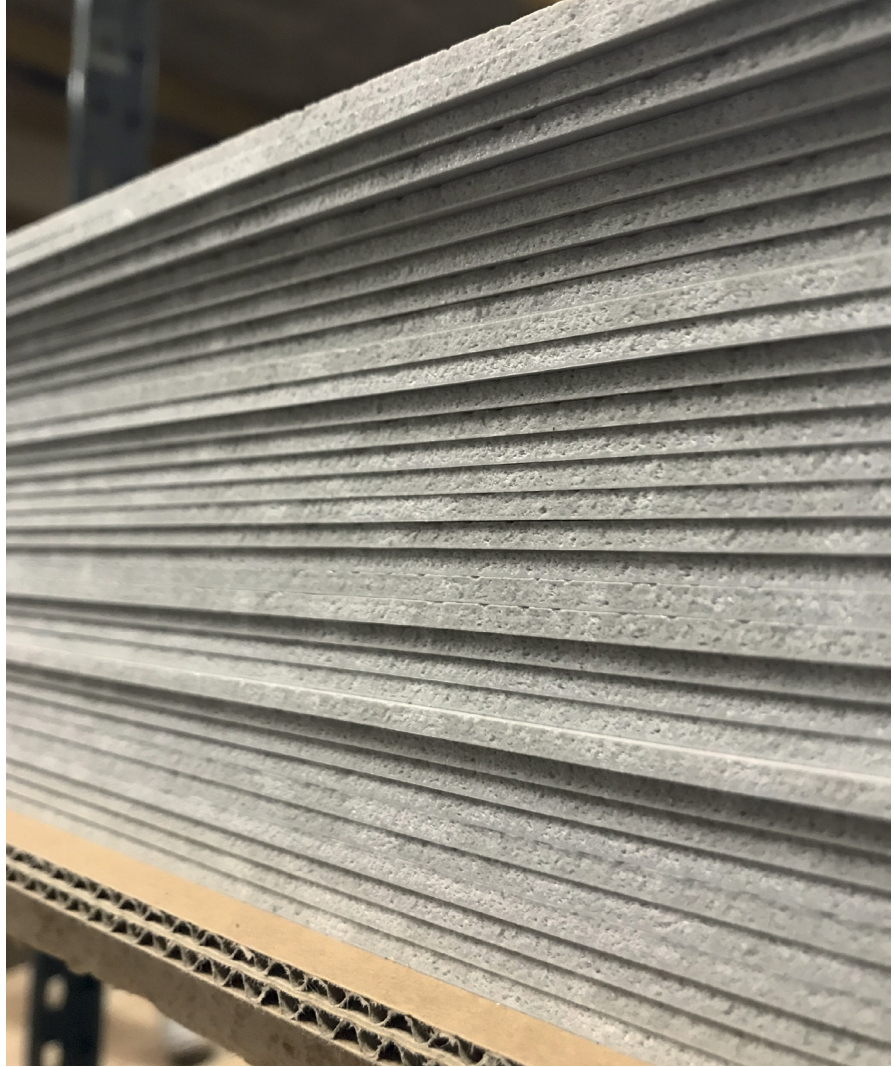
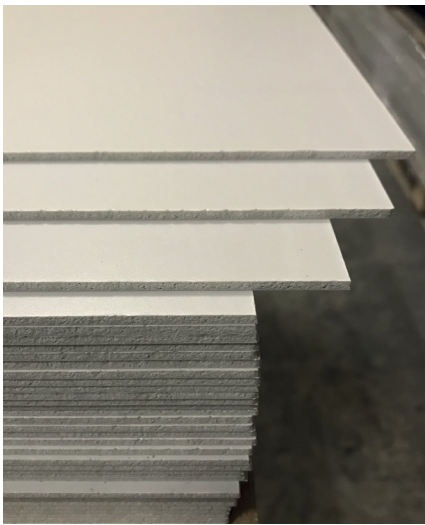
- ✓ PVC alternative
- ✓ Excellent printability
- 💧 Excellent Ink key
- 🧱 100% Opaque
- ♻️ 100% Recyclable PP
- ⚡ Waterproof
- ☀️ UV resistant / Chemical resistant
- 🔑 Scratch proof
- 🔨 High impact resistance
- 🍃 Lightweight
- 🏠/🌳 Indoor or Outdoor

### Application:

- POS and POP displays
- Packaging, Labels, Flower Tags etc.
- Printed exhibition boards
- Marketing materials
- Calendars Maps etc.
- General signage







ERP Code	Description	Thickness	Size (mm)	Colour / Finish
GFFRS18122244	Polycraft 1080gsm	1.8mm	2440 x 1220	Grey Smooth
WFFRS18122244	Polycraft 1080gsm	1.8mm	2440 x 1220	White Smooth
YFFRS18122244	Polycraft 1080gsm	1.8mm	2440 x 1220	Yellow Smooth
GFFRS25122244	Polycraft 1500gsm	2.5mm	2440 x 1220	Grey Smooth
WFFRS25122244	Polycraft 1500gsm	2.5mm	2440 x 1220	White Smooth
GFFRS30122244	Polycraft 1800gsm	3.0mm	2440 x 1220	Grey Smooth
WFFRS30122244	Polycraft 1800gsm	3.0mm	2440 x 1220	White Smooth
GFFRS35122244	Polycraft 2100gsm	3.5mm	2440 x 1220	Grey Smooth
WFFRS35122244	Polycraft 2100gsm	3.5mm	2440 x 1220	White Smooth

# 5. PVC Foam Sheet





PRODUCT GROUP: PVC FOAM SHEET

# Free Foam PVC

SUPPLIER: BSMART



PVC foam is a compressed pvc sheet used in the sign making and display industries.

The Print Solutions brand of pvc free foam is called bsmart. The bsmart low density foam PVC now comes with improved whiteness and rigid surface finish. A pure white colour gives excellent print results and the super rigid surface gives the highest strength surface ratio. The product can be used for a variety of applications and is ideal for instant short term advertising campaigns.

The bsmart pvc foam range is referred to as 'PEARL' and within the pearl range, there are a series of finishes, each giving unique characteristics depending on the application required.

Light Pearl is a very low density free foam comparable to a PVC lined polystyrene foam centred product.

TRUE Pearl is a mid density product and comparable to many free foam products on the market.

HEAVY Pearl is a heavy density free foam.

RIGID Pearl is a mid density product with a harder surface and more suitable for digital printing.



## Key Product Features:

-  Lightweight
-  Stiffness and rigidity
-  Good printing surface
-  Super price point across all thickness levels
-  True quality with value for money delivery
-  Contains up to 25% less PVC than standard PVC's

## Application:

- Digital printing
- Displays (POS/POP)
- Signage
- Flat Applications
- Cut Letters
- Ideal for short and medium term advertising campaigns





ERP Code	Description	Thickness	Size (mm)
LWWH2122022500.33	LIGHT Pearl White	2.0mm	2250 x 1220
LWWH2122022500.33	LIGHT Pearl White	3.0mm	2250 x 1220
LWWH2122022500.33	LIGHT Pearl White	4.0mm	2250 x 1220
LWWH2122022500.33	LIGHT Pearl White	15.0mm	2200 x 1220
LWWH3122024400.4WL	TRUE Pearl White	3.0mm with liner	2440 x 1220
LWWH10122024400.4	TRUE Pearl White	10.0mm with liner	2440 x 1220
LWWH10122024400.4	TRUE Pearl White	15.0mm with liner	2440 x 1220
LWWH10122024400.4	TRUE Pearl White	19.0mm with liner	2440 x 1220
LWWH3205030500.5	HEAVY Pearl White	3.0mm 1 side liner	3050 x 2050
LWWH3205030500.5	HEAVY Pearl White	5.0mm 1 side liner	3050 x 2050
LWWH25122024400.45	HEAVY Pearl White	25.0mm	2440 x 1220
LWRF3122024400.0.5	RIGID Pearl White	3.0mm with liner	2440 x 1220
LWRF5122024400.0.4	RIGID Pearl White	5.0mm with liner	2440 x 1220
LWRF15122024400.15	RIGID Pearl White	15.0mm	2440 x 1220

PRODUCT GROUP: PVC FOAM SHEET

# Foamalite X-Press & Premium

SUPPLIER: FOAMALITE 3A



In 2012, the Irish brand Foamalite was bought by the giant German group 3A PolyCasa (now 3A Composites). Around this time Foamalite X-Press was launched, which has a lower density than Foamalite Premium and was a sheet optimised for digital printing. Thanks to its degree of whiteness, Foamalite X-Press ensures a very high fidelity of colours. Foamalite X-Press sheets feature blemish-free surfaces with a constant regular roughness that have been specially designed for impeccable adhesion of UV cured inks.

A favoured sheet within the digital print industry, FOAMALITE® PVC sheets represent a reliable selection of plastic sheets for a variety of applications in the field of visual communication. In structural applications such as substrate printing or used as creative, coloured or co-extruded robust sheets, FOAMALITE® does what it promises!

FOAMALITE® premium has a heavier density than Foamalite x-press. Its improved surface hardness and high durability makes it an excellent choice for long life outdoor applications. This product is also suitable for Digital printing. The tighter and denser closed cell centre makes it ideal for routing 3D letters with minimal sanding required.

A combination of lightness and good overall shape retention make FOAMALITE® premium the perfect display sheet for all structural applications. FOAMALITE® products are free from dangerous substances and fulfil the requirements of all RoHS / WEEE- directives and the EU chemical ordinance (REACH).

FOAMALITE® color completes the FOAMALITE® product range with a selection of nine vibrant colours. As the colouring of the rigid foam sheet is uniform throughout, it offers optimum colour consistency and guarantees the same colour effect when viewed from different angles.



## Key Product Features:

- ✓ Easy to use
- ≡ PE film on one side as standard
- ☞ Formability
- ⚡ Weather resistant
- 💧 Water Repellent
- ✂ Routing
- ✂ Construction (Premium)
- 🔥 Fire rating  
Din EN 1350-1: c-s3, d0

## Application:

- Digital printing
- Displays (POS/POP)
- Signage
- Flat Applications
- Cut Letters







ERP Code	Description	Thickness	Size (mm)
FFWH21220	Foamalite X-Press White	2.0mm	2440 x 1220
FFWH31220	Foamalite X-Press White	3.0mm	2440 x 1220
FFWH51220	Foamalite X-Press White	5.0mm	2440 x 1220
FFWH101220	Foamalite X-Press White	10.0mm	2440 x 1220
FML31560	Foamalite X-Press White	3.0mm	3050 x 1560
FFWH53050	Foamalite X-Press White	5.0mm	3050 x 1560
FFWH101560	Foamalite X-Press White	10.0mm	3050 x 1560
FMLP103050	Foamalite Plus Black core	10.0mm	3050 x 1560
FML3	Foamalite Black, Red, Green, Grey, Blue, Yellow	3.0mm	2440 x 1220
FML5	Foamalite Black, Red, Green, Grey, Blue, Yellow	5.0mm	2440 x 1220

PRODUCT GROUP: PVC FOAM SHEET

# Palboard

SUPPLIER: PALRAM



**PALBOARD is a whole new breed of multi-layer PVC sheet for digital and screen printing applications.**

PALBOARD is a hybrid version of Palram's solid PVC and foam PVC. This new breed of multi-layer PVC combines the extra-tough surface quality of solid PVC with the lightweight, easy-to-use characteristics of a foam PVC core made from recycled PVC. This marks a significant step toward Palram's overarching goal to improve sustainability and reduce plastic waste. PALBOARD has an ultra-smooth surface that offers excellent ink-adhesion for digital and screen printing applications. It's easy to fabricate, can be cold-bent with a v-groove cut, and provides good mechanical strength and excellent chemical resistance. This makes it ideal for a wide variety of interior sign, display, or other applications.

PALBOARD combines scratch & impact resistant solid PVC surfaces together with a light-weight foamed PVC core. Bright white, ultra smooth surface prints, it cuts & fabricates beautifully. PALBOARD is one of the many products that Palram offers across the PVC market segment.

PALBOARD has been developed with important feedback from some of the world's most advanced digital flatbed printer manufacturers, such as Canon/Océ, swissQprint, and Mutoh

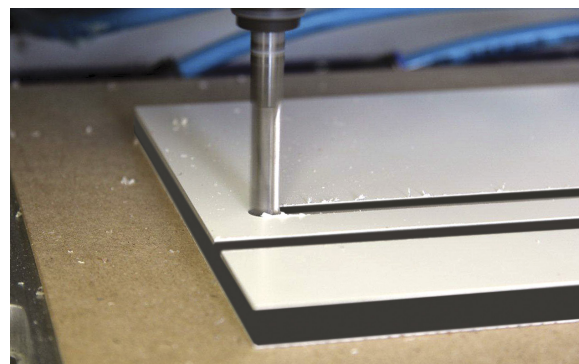


## Key Product Features:

- ✓ Hard, ultra-smooth surface with excellent ink adhesion
- ♻️ Recycled lightweight foamed PVC core
- 🔨 High structural strength with a relatively low weight
- 🧪 Excellent chemical resistance
- 🔥 Fire resistance
- 🔧 Easy to fabricate and thermoform
- 🏗️ Good adhesion capabilities
- ⚡ Good electrical and thermal insulation

## Application:

- Digital and screen printing
- P-O-P displays
- Exhibits and kiosks
- Industrial and construction signs
- Fabricated and structural parts





ERP Code	Description	Thickness	Size (mm)
FFPBWWH31220	Palboard PVC White, Black core	3.0mm	2440 x 1220
FFPBWWH51220	Palboard PVC White, Black core	5.0mm	2440 x 1220
FFPBWWH101220	Palboard PVC White, Black core	10.0mm	2440 x 1220



PRODUCT GROUP: PVC FOAM SHEET

# Palfoam

SUPPLIER: PALRAM



Palram has been producing PVC products since 1963 and is proud of its reputation as a global leader in this sector. Based on the knowledge and expertise accumulated during this time, Palram developed a line of products to meet a variety of application needs and budgets. PALIGHT foamed PVC sheets (also known as cellular PVC) are significantly lighter and more cost-effective than other options such as solid PVC sheets. They also offer excellent rigidity and performance. PALIGHT and PALFOAM are some of the many products that Palram has developed for the evolving and diversifying print, display, and fabrication market.

PALFOAM offers easy-to-handle foamed PVC in a cost-efficient version. Its bright, consistent and smooth surface provides a good background for printing and laminating in high quality stands and displays.

PALFOAM is flexible, versatile and extremely convenient to work with, cut and fabricate using conventional tools and equipment. Like other PVC sheets, due to the chemical make up of Palfoam PVC, the sheets are generally not recommended for use with acetone, ketones, ethers, and aromatic and chlorinated hydrocarbons.

PALFOAM is part of a family of pvc sheets from supplier Palram that include:-

PALIGHT - Flat foamed PVC sheet with matte finish, available in a wide range of standard and special thicknesses and designer colors.

PALFOAM - Cost-effective, white only, light weight flat foamed PVC sheet.

PALIGHT Print - Flat foamed PVC sheet made specifically to cost effectively meet the stringent requirements of large format print imaging industry.

PALFOAM LW - Low weight, white only, flat foamed PVC sheet for general purposes.

## Key Product Features:

- € Cost-efficient
- ✍️ Lighter than standard foam PVC sheet
- ☀️ Bright, smooth and uniform surface
- 📦 High insulation
- ✓ Easily worked with conventional tools, prints and paints
- 🔩 Easily bonded, nailed and bolted
- 🧪 High chemical resistance
- 💧 Low water absorption
- 🌱 Non-toxic

## Application:

- Portable displays
- Point-Of-Purchase (P.O.P) displays
- Signs
- Interior decoration
- Exhibition boards







ERP Code	Description	Thickness	Size (mm)
FFPLWWH31220	Palfoam LW White	3.0mm	2440 x 1220
FFPLWWH51220	Palfoam LW White	5.0mm	2440 x 1220
FFPLWWH101220	Palfoam LW White	10.0mm	2440 x 1220
FFPLWWH31560	Palfoam LW White	3.0mm	3050 x 1560
FFPLWWH51560	Palfoam LW White	5.0mm	3050 x 1560

PRODUCT GROUP: PVC

# Pentaprint Thin PVC Films

SUPPLIER: Bilcare



**Bilcare Research offers a wide range of rigid PVC films for high end printing and attention-grabbing decorating applications. Our range includes:-**

OPAQUE PVC FILMS for posters, banners, thermoformed decoration articles, wobblers, shelf talkers, labels and (in translucent) lightboxes.

CLEAR FILMS for shelf talkers, mousepads, and antireflective POS products.

Most products comply with the guideline 94/62 EC ("Packaging and Packaging waste") and are suitable for direct contact with foodstuffs. Print films from Bilcare Research are free of polycyclic aromatic hydrocarbons, phosphorus, phthalates, cadmium and lead stabilizers.

**Bilcare print films show advantages in:**

- Fire behaviour as PVC is self extinguishing outside the flame.
- Perfect printability thanks to the outstanding and consistent surface quality.

## Key Product Features:

- Outstanding processability
- High chemical resistance
- Fire resistant
- Recyclable
- Die cutting, folding, bending and cutting
- Thermoforming, embossing and gluing
- Printability
- Thermoforming
- Welding

## Application:

- Posters
- Banners
- Lightboxes & Backlit Poster Inserts
- Displays
- Globes & Maps
- Signs & Point of Sale Displays
- Labels & Pricetags
- Mouse Pads & Coasters
- Calendars
- Lamination

**Bilcare**  
*Research*





ERP Code	Description	Thickness	Size (mm)
CLPV2201040	Pentaprint Clear Gloss	220um	1040 x 1550
CLPV4401040	Pentaprint Clear Gloss	400um	1040 x 1550
CLPV6501040	Pentaprint Clear Gloss	600um	1040 x 1550
WHPV2201040	Pentaprint White Gloss	220um	1040 x 1550
WHPV4401040	Pentaprint White Gloss	400um	1040 x 1550
WHPV6501040	Pentaprint White Gloss	600um	1040 x 1550
CLMPV2201040	Pentaprint Clear Matt	220um	1040 x 1550
CLMPV4401040	Pentaprint Clear Matt	400um	1040 x 1550
CLMPV6501040	Pentaprint Clear Matt	600um	1040 x 1550
WHMPV2201040	Pentaprint White Matt	220um	1040 x 1550
WHMPV4401040	Pentaprint White Matt	400um	1040 x 1550
WHMPV6501040	Pentaprint White Matt	600um	1040 x 1550
WHMPV11040	Pentaprint White Matt	900um	1040 x 1550

**REACH Regulation:** All substances used in the production of our films have been pre-registered according to REACH legislation. PVC films only contain 43% crude oil and support the protection of our finite resources.

# 6. Polycarbonate Sheet





PRODUCT GROUP: POLYCARBONATE SHEET

# Polycarbonate Sheet

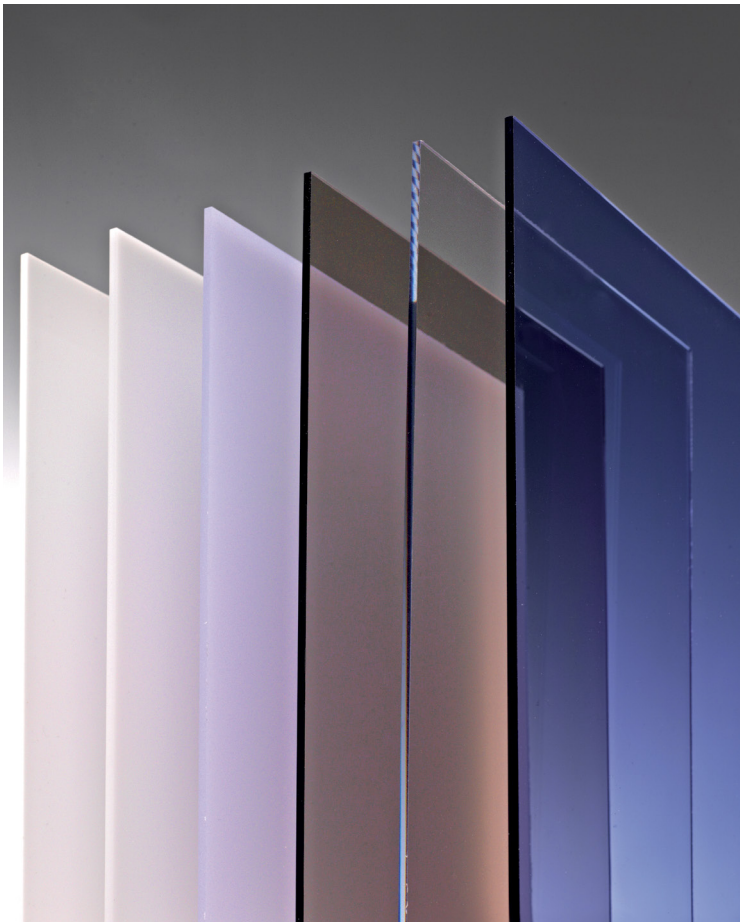
SUPPLIER: 3A COMPOSITES, PALRAM, ARLAPLAST

**Polycarbonate solid sheet is a clear plastic sheet like glass but is only half the weight at the same thickness and up to 200 times stronger. It is referred to in the industry as 'virtually unbreakable'.**


The material is typically specified where impact resistant is required and due to its strength, it is used extensively for safety applications including machine guards, security glazing, police riot shields, sports applications (pitch dug outs and ice hockey rinks), decorative lighting, screen partitions and in general signage.

Polycarbonate offers high clarity and optical performance for applications where good visibility is important. UV grade polycarbonate has excellent weathering properties and is used extensively for outdoor applications like roofing, canopies and patio covers.

Polycarbonate has excellent temperature performance and mechanical properties and is self extinguishing. It carries a European Fire classification (Europe EN 13501-1)



## Key Product Features:

-  Virtually unbreakable in normal use
-  Excellent optical properties
-  Formability, also easy to fabricate
-  Good temperature performance
-  Fire resistance
-  Half the weight of glass
-  Recycling 100%
-  Water Repellent
-  Can be cut and drilled

## Application:

- Security Glazing / Machine guards
- Anti-vandal screens
- Stained glass protection (church windows etc.)
- Dug Outs, Shelters etc.
- Visors / shields
- General signage

**3A**  
COMPOSITES

**PALRAM**

**arla**





ERP Code	Description	Thickness	Size (mm)
PCCUV2230502050	Polycarbonate UV Clear	2mm	3050 x 2050
PCCUV2330502050	Polycarbonate UV Clear	3mm	3050 x 2050
PCCUV2430502050	Polycarbonate UV Clear	4mm	3050 x 2050
PCCUV2530502050	Polycarbonate UV Clear	5mm	3050 x 2050
PCCUV2630502050	Polycarbonate UV Clear	6mm	3050 x 2050
PCCUV2830502050	Polycarbonate UV Clear	8mm	3050 x 2050
PCCUV21030502050	Polycarbonate UV Clear	10mm	3050 x 2050
PCCUV21230502050	Polycarbonate UV Clear	12mm	3050 x 2050
PCCUV2325001250	Polycarbonate UV Clear	3mm	2500 x 1250
PCCUV2425001250	Polycarbonate UV Clear	4mm	2500 x 1250
PCCUV2625001250	Polycarbonate UV Clear	6mm	2500 x 1250



PRODUCT GROUP: POLYCARBONATE SHEET

# Polycarbonate Variants

SUPPLIER: 3A COMPOSITES, PALRAM, ARLAPLAST








Through our global suppliers, Print Solutions can offer various polycarbonate sheet materials depending on specific requirements. All of these sheets carry the same properties as normal polycarbonate but with the added benefit of improved performance, strength or surface finish.

Prismatic (diffusion effect), Textured (obscure effect) and Impala (water effect) are examples of alternative surface decoration available from supplier 3A Composites. Additional Hardcoat finish is also available from some suppliers which gives an extra mar resistant layer to the sheet. PALSHIELD ballistic polycarbonate product line is available from PALRAM with different levels of ballistics and forced-entry protection to meet a variety of application needs. Due to their layered, laminated structure, PALSHIELD sheets can withstand both physical attacks and multi-shot ballistic assaults by absorbing impact energy without shattering or spalling.

Bronze tint effect polycarbonate is popular for outdoor sports dug outs and marine glazing, where it reduces glare. Opal polycarbonate is a white translucent option used in lighting and signage. Generally, polycarbonate variants are subject to minimum order quantities but it is possible to secure smaller quantities based on several factors e.g. timing of production runs, surplus stock at supplier, adding smaller quantities to existing shipments etc.

Our expert sales team bring a combined knowledge of many decades working in the Industrial plastic sector. This combined with expert technical support from our global suppliers ensures that Print Solutions are leading the way in the provision of polycarbonate materials on numerous large scale commercial and industrial projects throughout Ireland.

## Key Product Features:

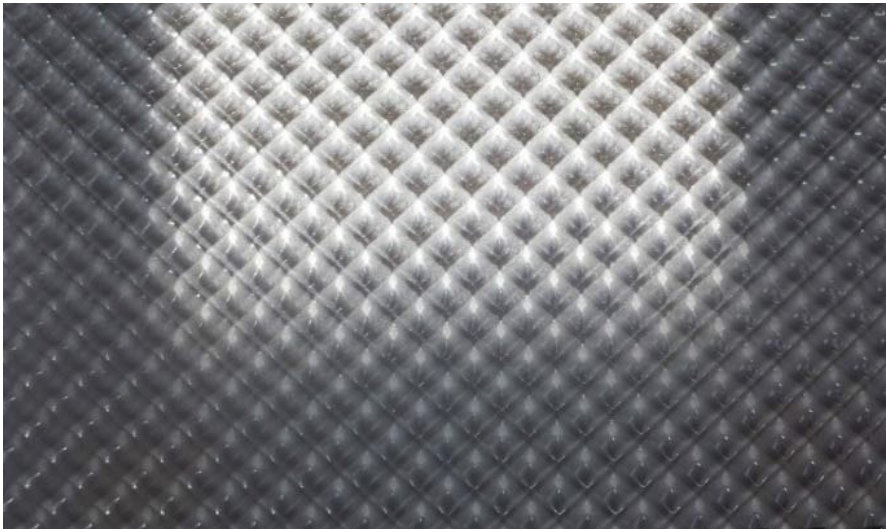
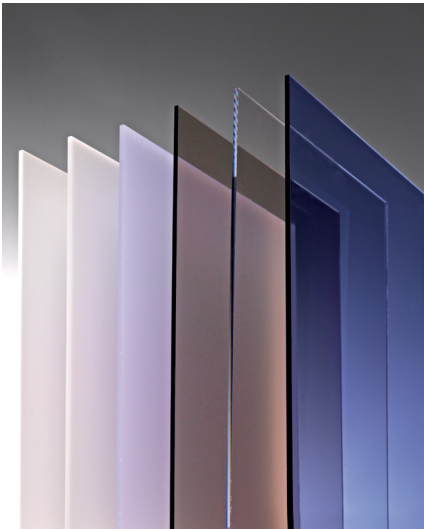
-  Virtually unbreakable in normal use
-  Excellent optical properties
-  Formability
-  Easy to fabricate
-  Good temperature performance
-  Fire resistance
-  Half the weight of glass

## Application:

- Security glazing
- Marine applications
- Commercial / Industrial
- Protective screens







ERP Code	Description	Thickness	Size (mm)
PCBUV430502050	Polycarbonate UV Bronze	4mm	3050 x 2050
PCBUV2530502050	Polycarbonate UV Bronze	5mm	3050 x 2050
PCOUV23050205039	Polycarbonate UV Opal (Light transmission 39%)	2mm	3050 x 2050
PCOUV33050205028	Polycarbonate UV Opal (Light transmission 28%)	3mm	3050 x 2050
PCOUV53050205028	Polycarbonate UV Opal (Light transmission 28%)	5mm	3050 x 2050
PCCTEXUV2330502050	Polycarbonate UV Textured	3.0mm	3050 x 2050
PCCTEXUV2330502050	Polycarbonate UV Textured	4.0mm	3050 x 2050
PCCUVPRIS321001300	Prismatic	3.0mm	2100x1300

PRODUCT GROUP: POLYCARBONATE SHEET

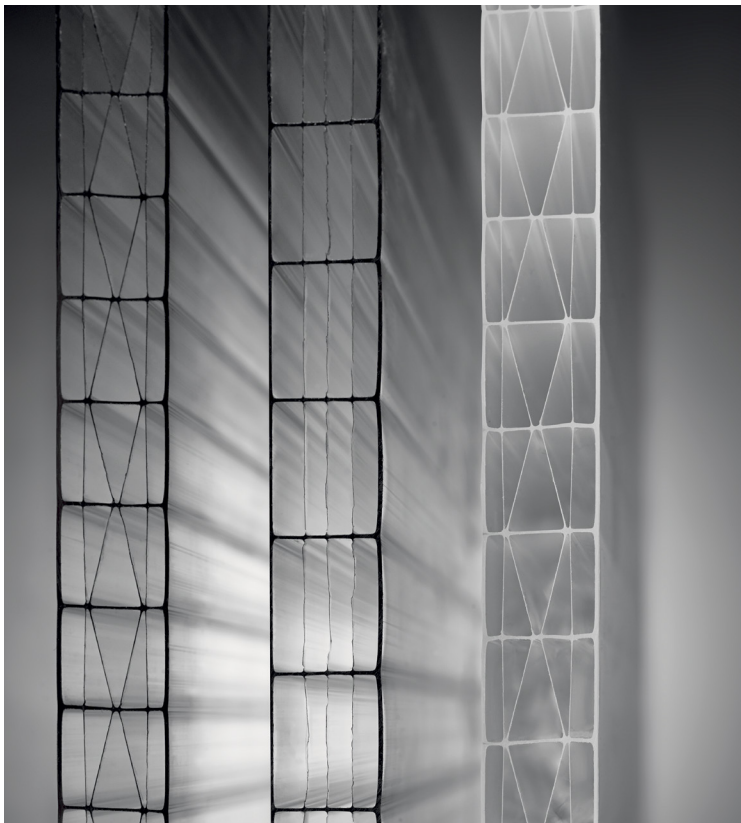
# Polycarbonate Multiwall

SUPPLIER: 3A COMPOSITES









Multiwall is a structured polycarbonate sheet used for both indoor and outdoor applications and extensively in outdoor roofing. The sheet is extremely lightweight but very strong, due to its internal hollow structure, which allows for ease of handling in larger sheet sizes. This hollow structure also gives the sheet excellent insulation properties and against heat and cold. The material has a long working life and carries a 10 year warranty against yellowing.

Multiwall polycarbonate is stocked in large sheet sizes of 7mtrs long x 2.1mtrs wide (7000 x 2100mm) which can be cut down to any size and shipped Nationwide. The sheet has a visible rib running along the length, formed by the internal wall structure as it meets the outside of the sheet. Generally, this rib is placed running down the slope or 'fall' of the roof. This placement provides the optimal positioning to allow any condensation build up in the sheet to be vented downwards.

At Print Solutions, we provide a full range of fixing accessories, allowing Multiwall panels to be fitted and secured onto wooden or metal rafters. It allows a complete roof system (everything above the rafters) to be ordered through our web site or office.

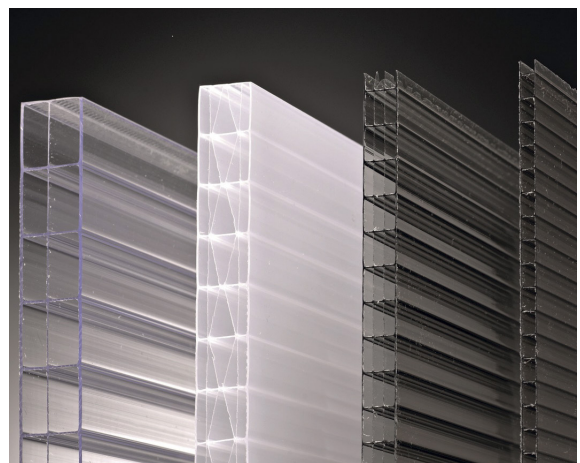


## Key Product Features:

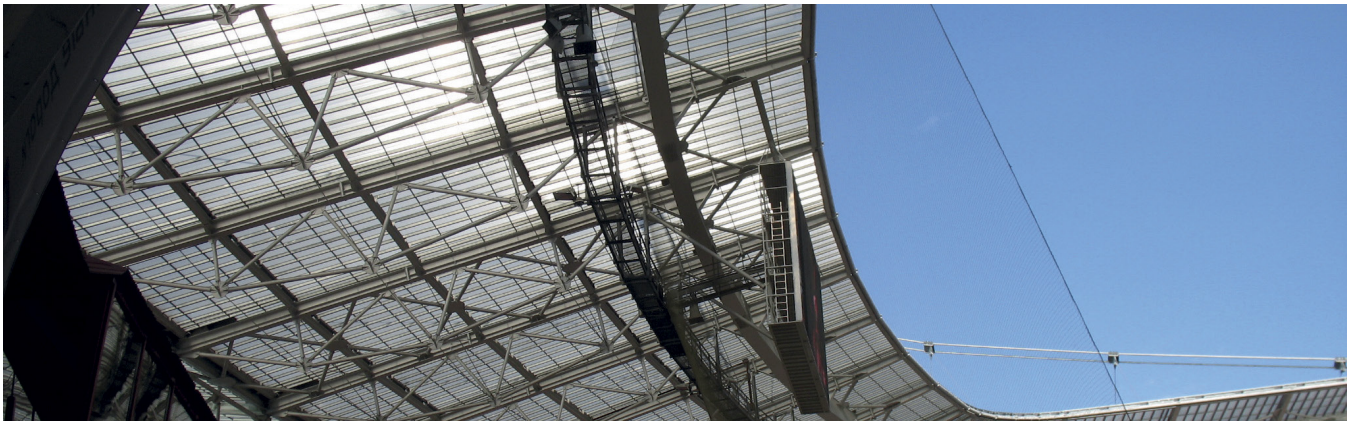
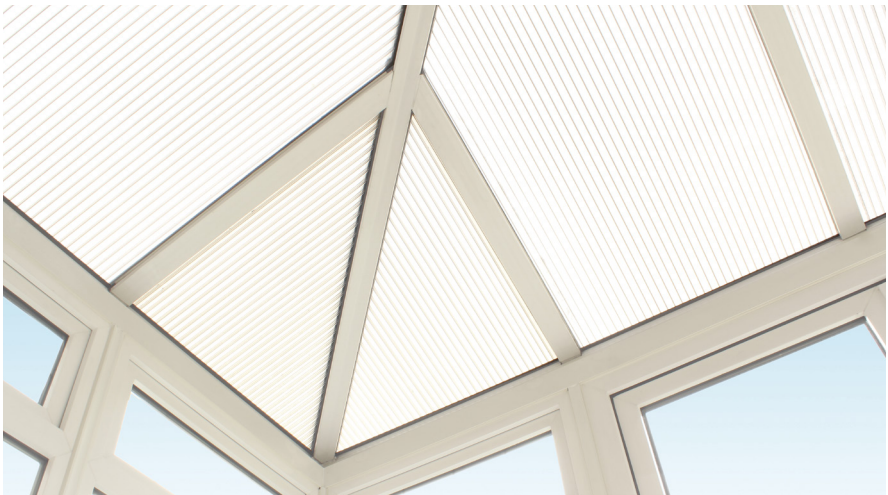
-  Lightweight
-  Strength / impact resistance
-  UV weatherability 10 year limited warranty
-  High heat and sound insulation
-  Excellent light transmission (up to 86%)
-  Temperature resistant from -40°C to +130°C
-  High resistance to mechanical loading
-  Fire resistant

## Application:

- Roofing applications
- Glazing / roof lights
- Partitions / cladding







ERP Code	Description	Thickness	Size (mm)
MWPOLYG10CL72.1	Multiwall SPC Clear ribbed	10mm (Twinwall)	7000 x 2100
MWPOLYG16CL72.1	Multiwall SPC Clear ribbed	16mm (Triplewall)	7000 x 2100
MWPOLYGTH25CL72.1	Multiwall SPC Clear ribbed	25mm (Five wall)	7000 x 2100
MWPOLYG16BR72.1	Multiwall SPC Bronze ribbed	16mm (Triplewall)	7000 x 2100
MWPOLYG16OP72.1	Multiwall SPC Opal ribbed	16mm (Triplewall)	7000 x 2100

# 7. Acrylic Perspex<sup>®</sup> Sheet





PRODUCT GROUP: ACRYLIC PERSPEX®

# Acrylic (Perspex®) Sheet Extruded & Cast

SUPPLIER: 3A COMPOSITES CRYLON / CRYLUX & PALRAM PALGLAS®

Acrylic is a clear plastic sheet like glass, made from synthetic resin Polymethyl methacrylate or PMMA. While not as strong as Polycarbonate (200 times stronger than glass), it remains a robust plastic material 60 times stronger than glass and only half the weight at the same thickness.

Due to its excellent optical clarity, Acrylic glass is used extensively in glazing applications, as well as signage and POS displays.

3A Composites CRYLON® sheets are manufactured in compliance with ISO 7823-2 and produced according to DIN EN ISO 7823-2, containing no toxic materials or heavy metals, that may cause environmental damage or health risks. The sheets are also certified as food safe.

Whether cutting, machining, bending or finishing, PALGLAS® acrylic sheets are fabrication-friendly. So with only a few tools, you can use the material with a dozen different methods to achieve a finished display product.

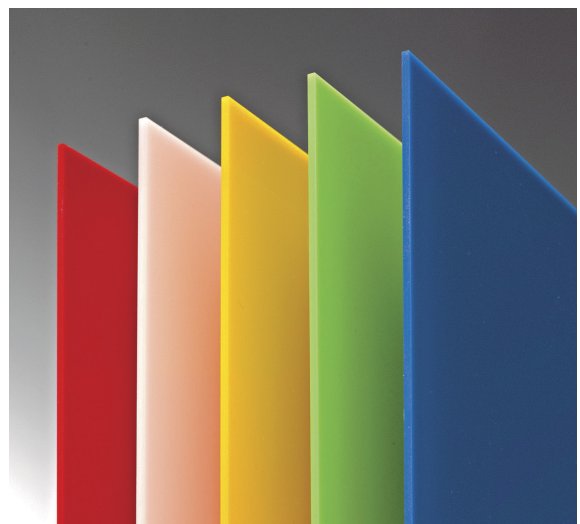


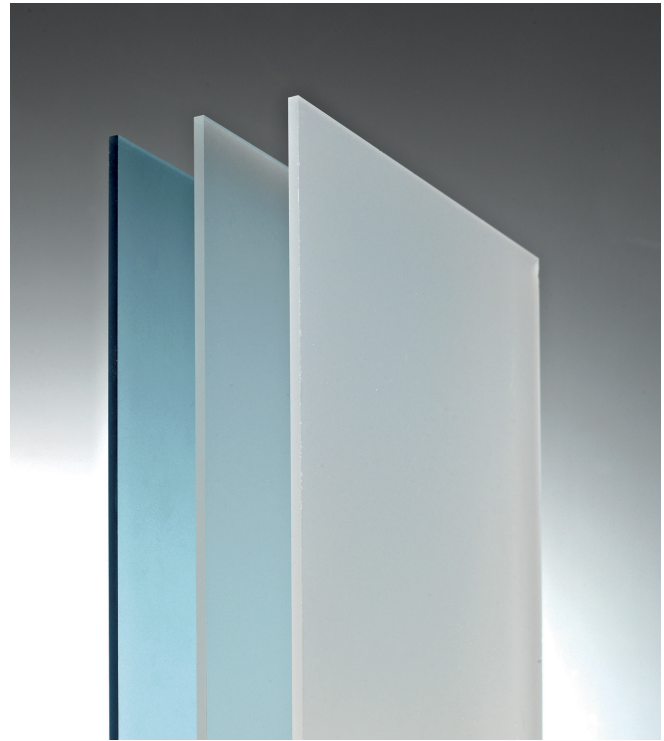
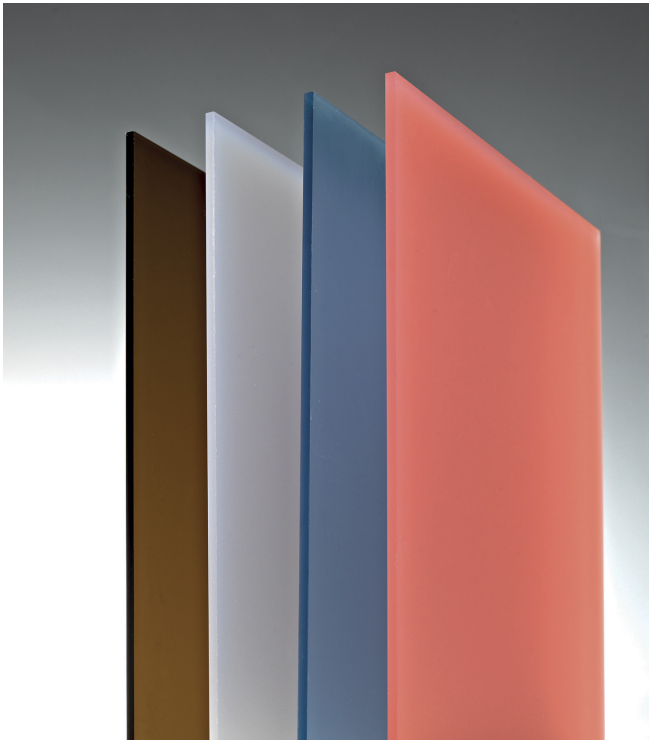
## Key Product Features:

-  Food contact approved
-  Excellent optics and clarity
-  Hard wearing
-  Weather resistant
-  Lightweight
-  Stiffness and rigidity
-  UV resistant

## Application:

- Acoustic barriers
- Commercial / Industrial glazing
- POS / POP displays
- Signage and channel letters
- Interior design





ERP Code	Description	Thickness	Size (mm)
EAC20030502050	Extruded Acrylic Clear UV	2.0mm	3050 x 2050
EAC28530502050	Extruded Acrylic Clear UV	2.85mm	3050 x 2050
EAC48030502050	Extruded Acrylic Clear UV	4.70mm	3050 x 2050
EAC100030502050	Extruded Acrylic Clear UV	10.0mm	3050 x 2050
EAC200030502050	Extruded Acrylic Clear UV	20.0mm	3050 x 2050

ERP Code	Description	Thickness	Size (mm)
CAC30030502050	Cast Acrylic Clear UV	3.0mm	3050 x 2030
CAC40030502050	Cast Acrylic Clear UV	4.0mm	3050 x 2030
CAC50030502050	Cast Acrylic Clear UV	5.0mm	3050 x 2030
CAC80030502030	Cast Acrylic Clear UV	8.0mm	3050 x 2030
CAC100030502030	Cast Acrylic Clear UV	10.0mm	3050 x 2030
CAC150030502030	Cast Acrylic Clear UV	15.0mm	3050 x 2030

# 8. Polyester Sheet





PRODUCT GROUP: POLYESTER SHEET

# Polyester sheet

SUPPLIER: 3A COMPOSITES

Polyester sheets from supplier 3A Composites, called **LUMEX® A** and **LUMEX® G**, are flawlessly extruded APET and PET-G thermoplastic polyester sheets. They stand out particularly in the transparent plastics sector because they are fire rated "difficult-to-ignite".

APET and PET-G are both clear polyester sheets, the 'G' in PET-G (**LUMEX® G**) denotes the inclusion of Gylcol in the extrusion process, making this sheet more subtle and particularly suited to bending and thermoforming.

**HIPEX® G** is the best choice for thermoforming and hot line bending applications. The sheets are suitable for use in the food industry and show good impact resistance. The Prismatic, Haircell and Impala structures are further options.

Especially for applications in the field of vacuum forming and thermoforming, HIPEX® G sheets are the best choice as they don't crystalize and can be processed without pre-drying (time and energy saving). Thanks to its easy formability, the material offers designers and fabricators various possibilities, from simple shapes to complex constructions.

The sheets are available with or without UV protection and in addition to the clear and opal white versions also in a variety of colours and design patterns. (Minimum Order Quantities apply).

**HIPEX® A** is ideally suited to flat and curved applications. The sheets have very good printability with UV-resistant inks, are very flame-retardant and are suitable for use in the food industry. HIPEX® A is also extremely impact resistant even at sub-zero temperatures and shows excellent weather-resistance.



## Key Product Features:

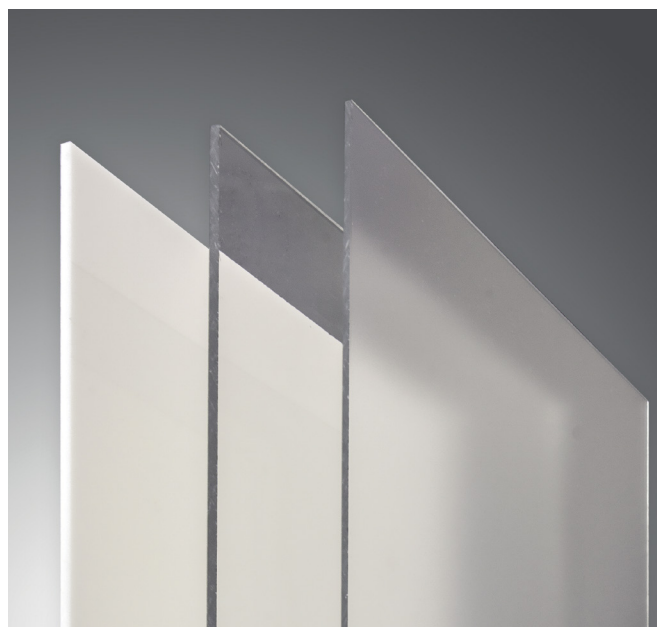
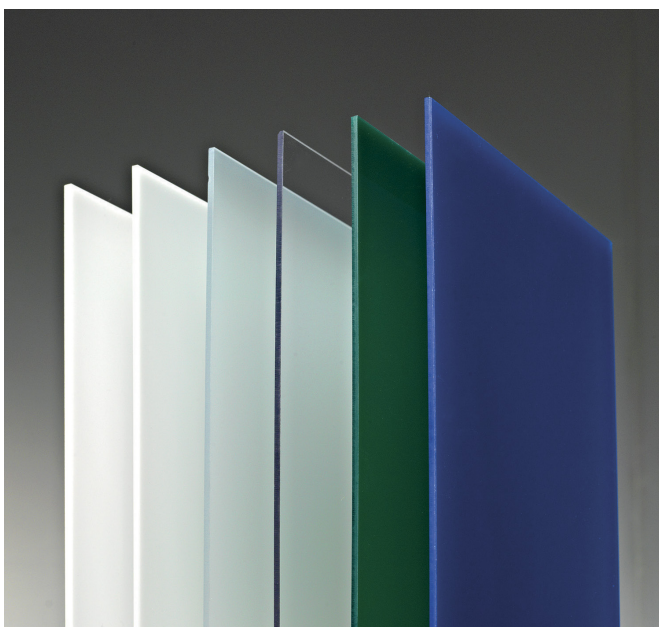
- ✓ Easy to process
- 🍷 Food contact approved
- 📄 Formability
- 🔨 Impact resistance
- 💡 Light transmission
- ☀️ UV resistant
- 🌡️ Wide service temperature

## Application:

- Decorative lighting
- Digital printing
- Displays (POS/POP)
- Exhibition design
- Glazing / roof lights
- Interior design
- Lettering
- Partitions / cladding
- Screen printing
- Shop design / shop fitting
- Signage

## CERTIFICATE





ERP Code	Description	Thickness	Size (mm)
PEP1025001250	PETG Clear	1.0mm	2500 x 1250
PEP1020501250	PETG Clear Non Glare	1.0mm	2050 x 1250
PEP2030502050	PETG Clear	2.0mm	3050 x 2050
PEPO2030502050	PETG Opal	2.0mm	3050 x 2050
PEP2030502050	PETG Clear	3.0mm	3050 x 2050
PEP4030502050	PETG Clear	4.0mm	3050 x 2050
PEA3030502050	APET Clear	3.0mm	3050 x 2050

# 9. Cladding and Roofing





PRODUCT GROUP: CLADDING

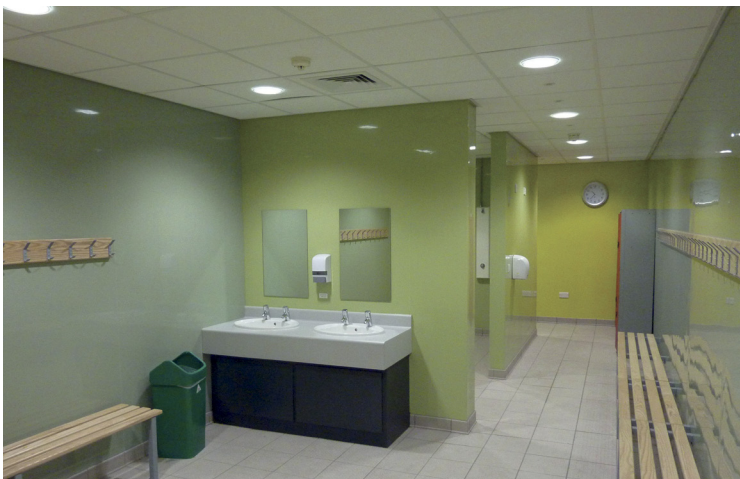
# PALCLAD™ PRO Hygienic Wall Cladding

SUPPLIER: PALRAM



PALCLAD Pro is a cladding system made up of solid PVC panels and various installation accessories that ensure a clean, professional installation. The PALCLAD Pro system provides many mechanical benefits that simplify cleaning & maintenance and enhance long-term aesthetics, including exceptional resistance to impact, chemical substances, moisture, stains, and spills.

PALCLAD Pro panels can be easily cut, formed and fabricated onsite while keeping their original physical properties intact. If you're interested in adding more creativity to your project, PALCLAD Pro is also an excellent substrate for digital printing. So it can be used to create decorative wall coverings that are attractive, elegant and visually appealing. PALCLAD Pro is one of the many products that Palram offers for this market segment.



## Key Product Features:

-  Complete cladding solution with color-matched installation profiles or welding rods available
-  Multiple colors & surfaces for a variety of design possibilities
-  Excellent for environments with high sanitation requirements
-  Withstands repeated cleaning cycles
-  High impact strength and fire resistance
-  Available with HYG additives for active antimicrobial protection
-  Non-toxic

## Application:

- Public facilities: schools, restrooms, airports, public transportation facilities
- Food industry: food plants, food preparation areas, sorting halls, storage/refrigeration rooms
- Healthcare: sterile/clean rooms, hospitals, clinics, pharmaceutical plants
- Agriculture: livestock and dairy farms, egg sorting halls, storage rooms, refrigeration facilities





The PALCLAD Pro wall cladding system provides a practical, cost-efficient and comprehensive solution for maintaining a clean and safe environment. Large areas can be easily covered with the PALCLAD Pro system, which has been used worldwide to create areas that have high resistance to fire and chemicals in hospitals, pharmaceutical plants, restaurants, and more.

The system consists of flat opaque PVC panels, and fastening profiles and welding rods in matching colors. A wide range of colors and surface textures enables design versatility, and the system's durability ensures long-term resistance to repetitive cleaning routines.

## System and Accessories

Part	Drawing	Package / Size
PVC H Section Profile White Base + Colored Cap		3m
PVC J Section Profile White Base + Colored Cap		3m
PVC Inner Corner Profile		3m
PVC External Corner Profile		3m
Colored PVC Welding Rod		50m Roll
Colored Silicone		Tubes
Glue (2 components)		6.5 kg

Dimensions	
Thickness	Width x Length
2.5 mm	1220 x 3050
2.5 mm	1220 x 2440

Custom Thicknesses and sizes are available upon request, subject to MOQ and production lead times. Maximum sheet width up to 1500mm available upon request.

PRODUCT GROUP: CLADDING

# JEMICLAD Wall Cladding™

SUPPLIER: JEMIC



With 30 years of experience in the supply and installation of over 1 million square metres of hygienic cladding, Jemic has a wealth of expertise and knowledge of hygienic and highly demanding environments.

Jemiclad is available across Ireland, the UK and internationally and is perfect for restaurants and fast food outlets, hospitals and other medical settings, care homes, gyms, schools and other hygienic environments.

Jemiclad is an effective wall covering where hygiene or ease of cleaning is paramount. It is manufactured from the highest quality PVCu resin, without fillers, so it is 100% recyclable and has a Class 0 fire rating.

The cladding sheets are very easy to handle and cut. The excellent bonding results allow for fast and efficient installation, and they can be hot welded superbly and thermoformed (with the exception of the slightly thinner Sureclad panel).

## PhotoJemic






A new and exciting service available with Jemiclad sheets, is the ability to order finished printed sheets. These printed cladding sheets offer a stunning visual effect while retaining their practical purpose. Images can be themed to suit your requirements, providing a workable advertising space or simply enhancing and transforming existing internal walls, foyers, rooms and corridors.

The Photojemic service is reserved for larger project applications where Minimum Order Quantities (MOQ) apply. Please contact our sales team for more information.

# Jemiclad



## Key Product Features:

-  100% recyclable
-  Class O Fire rating
-  Flatbed Printable (Subject to MOQ)
-  Excellent adhesion qualities
-  Range of colours
-  Trims in same colour

## Range includes:

### Jemiclad Supreme

2.5mm subtle coloured gloss finished panels, practical in a variety of environments

### Jemiclad Pro

2.5mm subtle coloured satin finished panels, ideal for the healthcare industry

### Jemiclad Earth

2.5mm panels that create a high sanitation environment. Versatile and in a broad range of colours

### Jemiclad Ablaze

2.5mm panels that are very similar to Supreme range but available in bold colours

### Jemiclad Specialist

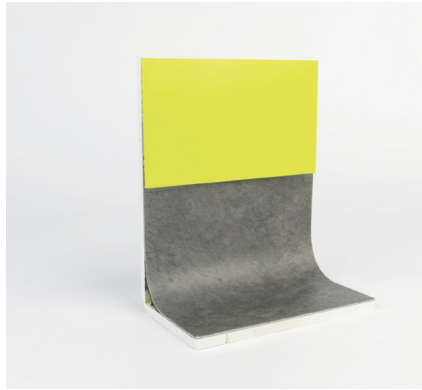
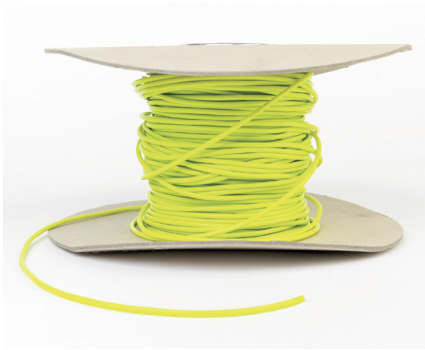
2.5mm speciality sheets including low smoke and antimicrobial panel with silver ion technology, killing 99.9% of most superbugs known to man!

### Jemiclad Sureclad

A system created for the catering and back of house environments.







ERP Code	Description	Thickness	Size (mm)
JCPRO2500122025WS	Jemiclad Pro White Satin	2.5mm	2500 x 1220
JCPRO3000122025WS	Jemiclad Pro White Satin	2.5mm	3000 x 1220
JCSC250012202WS	Jemiclad Sure Clad White Satin	2.0mm	2500 x 1220
JCSC300012202WS	Jemiclad Sure Clad White Satin	2.0mm	3000 x 1220
JCPD2500122025W	Jemiclad Protect And Defend White	2.5mm	2500 x 1220
JCPD3000122025W	Jemiclad Protect And Defend White	2.5mm	3000 x 1220
JCA2500122025Y	Jemiclad Ablaze Yellow	2.5mm	2500 x 1220
JCA3000122025Y	Jemiclad Ablaze Yellow	2.5mm	3000 x 1220
JCA2500122025R	Jemiclad Ablaze Bright Red	2.5mm	2500 x 1220
JCA3000122025R	Jemiclad Ablaze Bright Red	2.5mm	3000 x 1220
JCA2500122025B	Jemiclad Ablaze Royal Blue	2.5mm	2500 x 1220
JCA3000122025B	Jemiclad Ablaze Royal Blue	2.5mm	3000 x 1220
JCA2500122025W	Jemiclad Supreme White	2.5mm	2500 x 1200
JCA2500122025LG	Jemiclad Supreme Light Grey	2.5mm	2500 x 1200
JCA2500122025OW	Jemiclad Supreme Oyster White	2.5mm	2500 x 1200

PRODUCT GROUP: CLADDING

# KOMASTYLE Decorative Wall Cladding

SUPPLIER: KÖMMERLING



**KOMASTYLE is the ideal wall cladding system for the renovation and modernisation of wet rooms.**

This smooth, continuous wall cladding presents a convincing look of e.g. plain colours or deceptively real woodgrain and stone decors. KÖMASTYLE is your solution for concealing, for instance, "rundown" wall areas and partial old tiling (e.g. in bathrooms). Processed with ease, it provides a quick, clean, functional, and visually appealing upgrade to separate functional areas and even entire rooms.

This product is growing in popularity with Gyms, Hotels, Clinics and Commercial premises etc. as it provides both functional cladding properties, combined with decorative application.

Coming with 19 timeless decors and 6 plain colours, KÖMASTYLE sets decorative highlights. Thanks to the outstanding surface properties of its pore free sheets, this system presents little opportunity for limescale, dirt, and soap residue to find a stubborn hold.

The great advantage of KÖMASTYLE lies in the simple processing of its material. The sheets can be adapted to the structural conditions with conventional tools (saws, drills, grinders). The designer sheets are applied with bonding adhesive directly to a suitable substrate such as tiles or plaster. Unsightly or damaged areas transform instantly into decorative, maintenance free wall areas.

## Key Product Features:

-  Appealing plain colours, woodgrain effect and stone decors available
-  Resistant to moisture
-  Chemical resistant
-  Light resistant
-  Heat resistant
-  Impact, scratch, and abrasion resistant
-  Easy to clean

## Application:

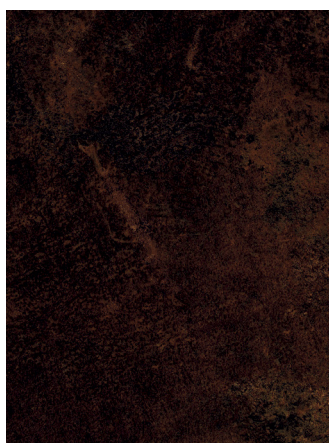
- Wall cladding in sanitary areas, shower backwalls, etc.
- Ready-made showers
- New interior designs: Hospitals, nursing homes, medical practices, hotels, wellness areas, swimming baths
- Furniture making
- Vehicle fittings
- Aquarium claddings


**KÖMMERLING**




# KÖMASTYLE DECO

## Stone Decors



D31 Rusty Brown



D32 Concrete Light Grey



D33 Concrete Grey

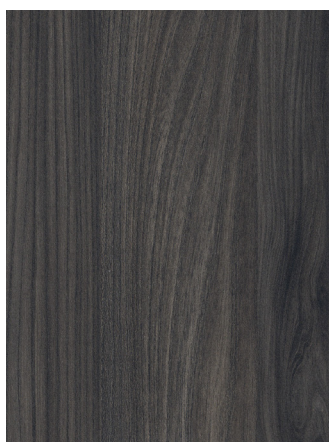


D80 Texture Vintage Brown

## Wood Decors



D01 Oak Rustic



D02 Old Oak

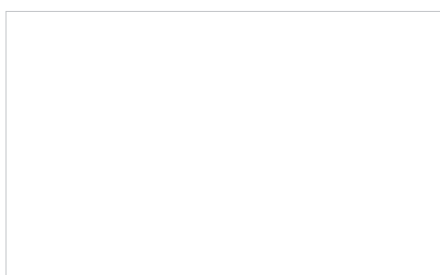


D03 Oak Vintage

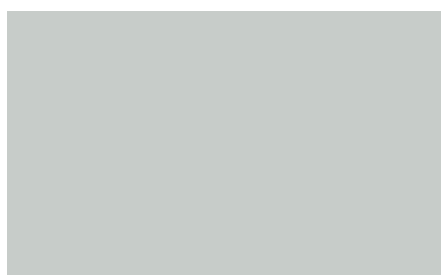


D04 Light Oak

# KÖMASTYLE UNI



Brilliant White



Light Grey



Dolphin Grey



Chocolate



Cappuccino



Bamboo

PRODUCT GROUP: ROOFING

# Polycarbonate Multiwall

SUPPLIER: 3A COMPOSITES



Multiwall is a structured polycarbonate sheet used for both indoor and outdoor applications and extensively in outdoor roofing. The sheet is extremely lightweight but very strong, due to its internal hollow structure, which allows for ease of handling in larger sheet sizes. This hollow structure also gives the sheet excellent insulation properties and against heat and cold. The material has a long working life and carries a 10 year warranty against yellowing.

Multiwall polycarbonate is stocked in large sheet sizes of 7mtrs long x 2.1mtrs wide (7000 x 2100mm) which can be cut down to any size and shipped Nationwide. The sheet has a visible rib running along the length, formed by the internal wall structure as it meets the outside of the sheet. Generally, this rib is placed running down the slope or 'fall' of the roof. This placement provides the optimal positioning to allow any condensation build up in the sheet to be vented downwards.

At Print Solutions, we provide a full range of fixing accessories, allowing Multiwall panels to be fitted and secured onto wooden or metal rafters. It allows a complete roof system (everything above the rafters) to be ordered through our web site or office.



## Key Product Features:

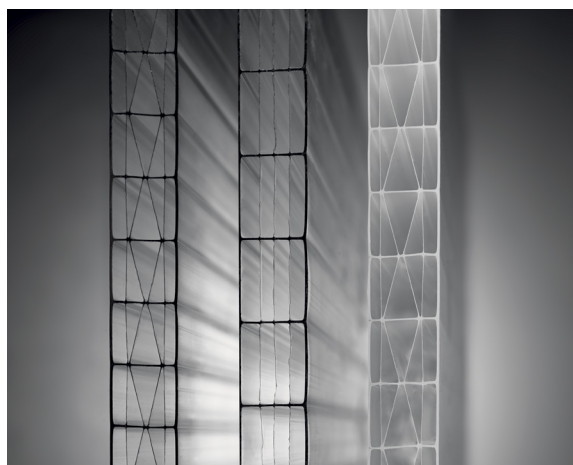
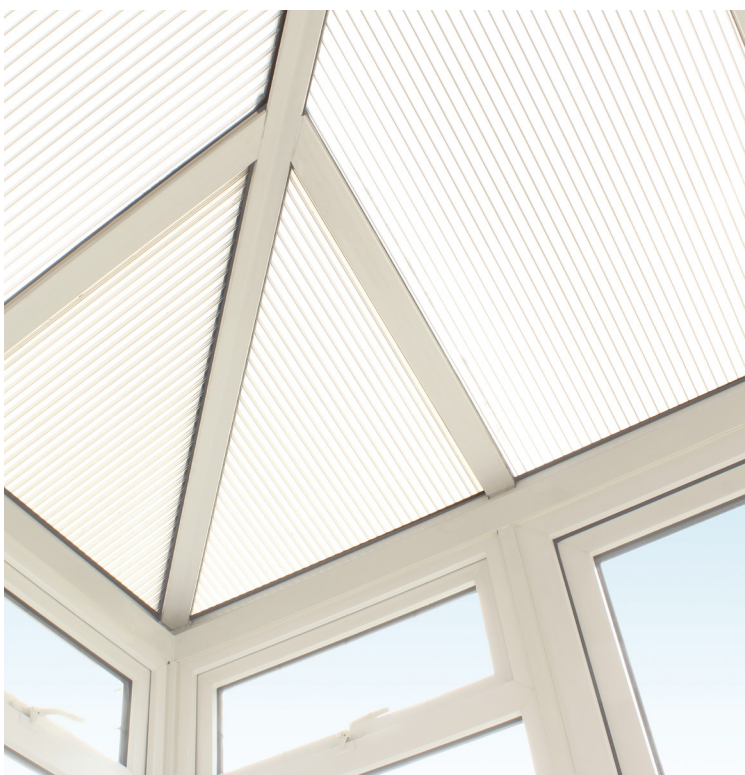
-  Lightweight
-  Strength / impact resistance
-  UV weatherability 10 year limited warranty
-  High heat and sound insulation
-  Excellent light transmission (up to 86%)
-  Temperature resistant from -40°C to +130°C
-  High resistance to mechanical loading
-  Fire resistant

## Application:

- Roofing applications
- Glazing / roof lights
- Partitions / cladding







ERP Code	Description	Thickness	Size (mm)
MWPOLYG10CL72.1	Multiwall SPC Clear ribbed	10mm (Twinwall)	7000 x 2100
MWPOLYG16CL72.1	Multiwall SPC Clear ribbed	16mm (Triplewall)	7000 x 2100
MWPOLYGTH25CL72.1	Multiwall SPC Clear ribbed	25mm (Five wall)	7000 x 2100
MWPOLYG16BR72.1	Multiwall SPC Bronze ribbed	16mm (Triplewall)	7000 x 2100
MWPOLYG16OP72.1	Multiwall SPC Opal ribbed	16mm (Triplewall)	7000 x 2100

#### CERTIFICATIONS\*



KPF Erkelenz tested

\* Sheets are manufactured according to EN 16153:2013

#### TECHNICAL APPROVALS

Avis Technique

Aprobata Techniczna

General building authority approval 4 – 10 mm

#### COUNTRY

France

Poland

Germany

PRODUCT GROUP: ROOFING

# Fixing Accessories & Profiles

SUPPLIER: EXITEX

EXITEX is an Irish supplier based in Dundalk, Co Louth. They provide a comprehensive range of fixing accessories and profiles for securing roof sheeting in place. Our range of fixing profiles includes PVC end strips, known as 'U' profiles or Roof Sheet Closures (RSC), which are available in White or Brown finish and in thicknesses matching the Multiwall sheet, namely 10mm and 16mm. These clip on over the end of Multiwall sheet to give an aesthetic finish to the sheet ends.

A series of Aluminium capping bars, or 'Capex', is also available in White or Brown powder coated aluminium finish and in lengths including 3.0, 3.6, 4.8 and 6.0mtr. The capex bars are placed running over the join where the Multiwall sheets meet on the rafter and provide a waterproof seal. Just like the Multiwall polycarbonate sheet, Capex bars can be used standing vertically on joins but they will also bend gradually following the line on gentle curved roofs.

On alternative rafters where Capex bars are not used, we have White or Brown fixing buttons. For more information on our roofing products, visit our web site [www.plasticsolutions.ie](http://www.plasticsolutions.ie) or contact our sales team on +353 1 409 8000

Capex bars can be used on Multiwall Polycarbonate sheet and also Solid, Flat Polycarbonate sheet or or Acrylic Perspex® sheet.

## Key Product Features:

All Exitex sealing and glazing systems are manufactured to the highest standards, incorporating many unique patented features.

- Irish Aluminium Hardened High Tensile to BS 1474
- Anodising 15-25 Micrometers BS 3987
- Powder Coating 60-80 Micrometers BS 6496
- EPDM Gaskets to BS 4255

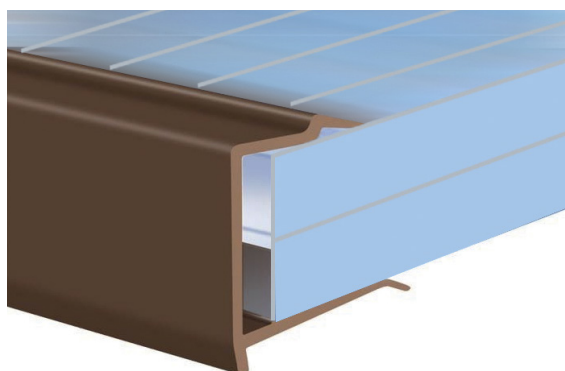
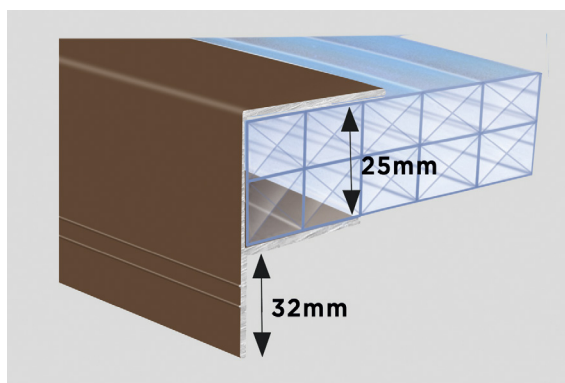
## Application:

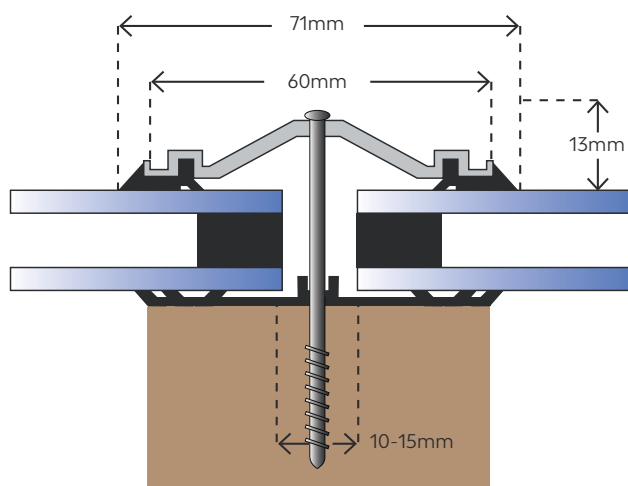
- Exitex is the leading developer and distributor of weather-proofing products for doors, windows, conservatories and joinery applications.

## Typical Roof Fixing Accessories we stock:

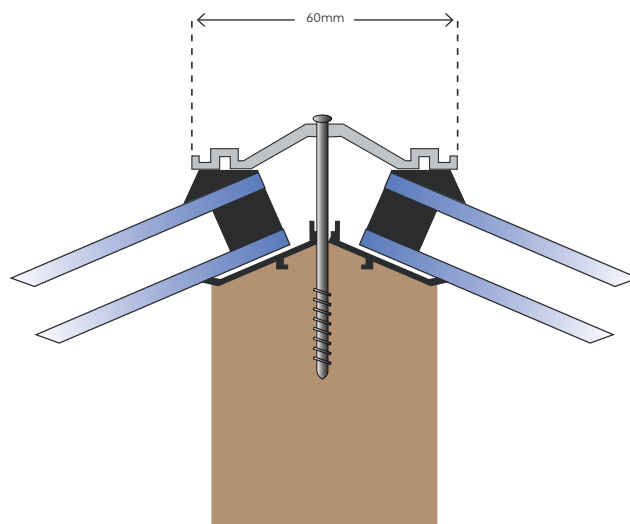
- RSC / PVC 'U' profiles for sheet ends
- CAPEX aluminium profiles for sheet joins
- Fixing buttons for alternative rafters
- Aluminium 'F' Profiles for start and finish rafters
- Butyl Flashtex edge sealant, 100mm & 200mm
- **Low modulus silicone (Polycarbonate friendly)**

# Exitex<sup>TM</sup>





**Capex 60, with RAG 55 gasket  
on rafter, used over flat join**



**Capex 60, with RAG 55 gasket on  
rafter, used with hip/valley gasket**

ERP Code	Description	Size	Colour / Finish
MWALCAPX...	Capex 40 (includes own rafter gasket), for rafters up to 50mm	3, 3.6, 4.8m & 6m	Brown, Mill, White
MWALCAPX...	Capex 60 (includes own rafter gasket), for rafters over 50mm	3, 3.6, 4.8m & 6m	Brown, Mill, White
MWALLTF3.0WH	Lean To Flashing Profile (LTF)	3m	White
MWALLTF3.0BR	Lean To Flashing Profile (LTF)	3m	Brown
<b>Thickness</b>			
MWALF10W3.0 MWALF10W4.0	Aluminium F Section 3.0mtr / 4.0mtr	10mm, 16mm, 25mm	White
MWALF10B3.0 MWALF10B4.0	Aluminium F Section 3.0mtr / 4.0mtr	10mm, 16mm, 25mm	Brown
MWRSC2100W...	PVC Roof Sheet End Closure (RSC) / U Profile	10mm, 16mm, 25mm	White
MWRSC2100B...	PVC Roof Sheet End Closure (RSC) / U Profile	10mm, 16mm, 25mm	Brown
MWALRAG45	Rafter Gasket (sold per mtr)	45mm	Black Rubber



PRODUCT GROUP: ROOFING

# Corrugated Roofing Sheet

SUPPLIER: PALRAM



## 1. AG-TUF

**Corrugated PVC liner panels for industrial and agricultural interior cladding and lining applications.**

AG-TUF corrugated PVC liner panels have been produced by Palram for more than 50 years and have been used to clad the interiors of many types of industrial and agricultural structures around the world.

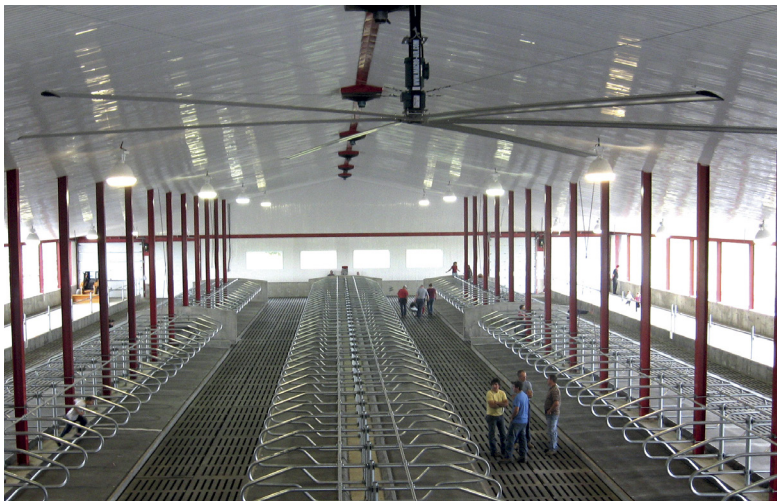
From piggeries to dairy parlours or poultry sheds, car washes, chemical processing plants or fertilizer storage facilities, AG-TUF panels hold up where other products don't. As they are resistant to chemicals, these panels can be cleaned frequently to facilitate maximum sanitary maintenance while still offering extended service in harsh chemical environments.

### Key Product Features:



Chemical Resistant

**Application:** Agricultural Roofing







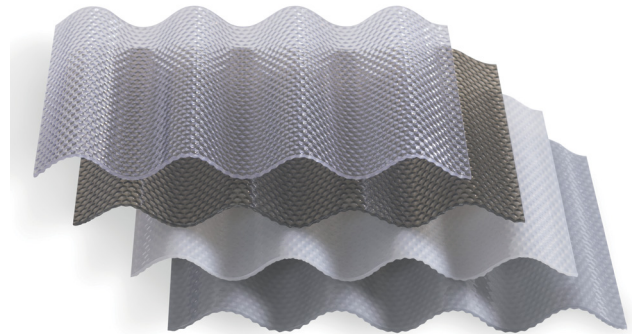
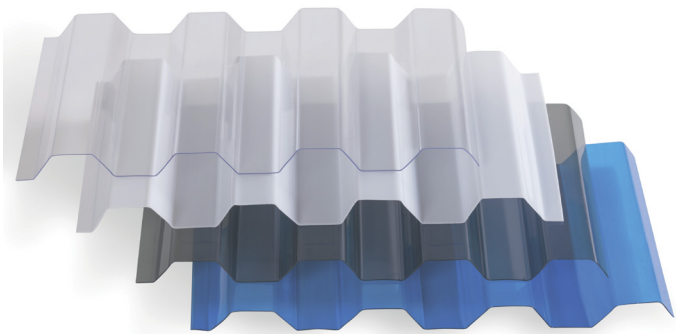
## 2. SUNTUF

SUNTUF is the leading corrugated Polycarbonate product for architectural, industrial, agricultural, and DIY applications including skylights, sidelights, complete roofs and cladding.

### Key Product Features:

-  Blocks 99.9% of harmful UV radiation
-  Impact resistant, virtually unbreakable

**Application:** Roofing






## 3. PALRUF

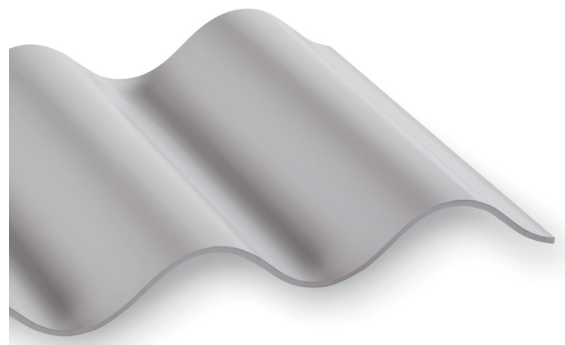
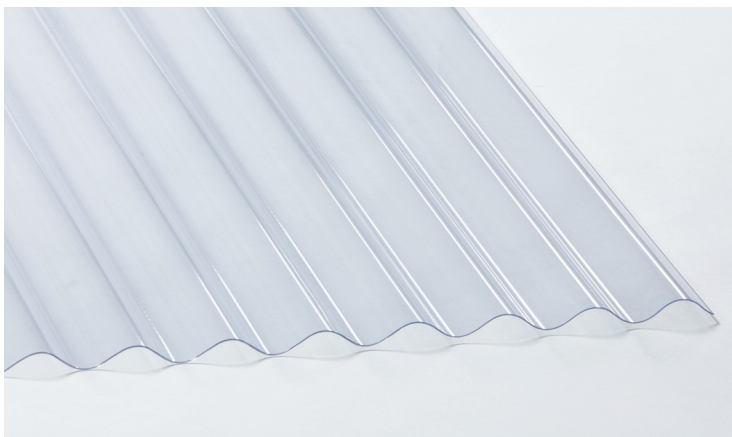
Corrugated PVC for industrial and agricultural roofing and exterior cladding applications.

PALRUF corrugated PVC panel combines excellent resistance to chemicals, fire and impact, resulting in an extremely durable roofing solution. PALRUF withstands harsh chemical environments where conventional roofing quickly corrodes, which makes it ideal for long term use in demanding industrial applications such as chemical plants and storages, mines, ports and more.

### Key Product Features:

-  Chemical Resistant
-  Fire Resistant
-  Impact Resistant

**Application:** Roofing

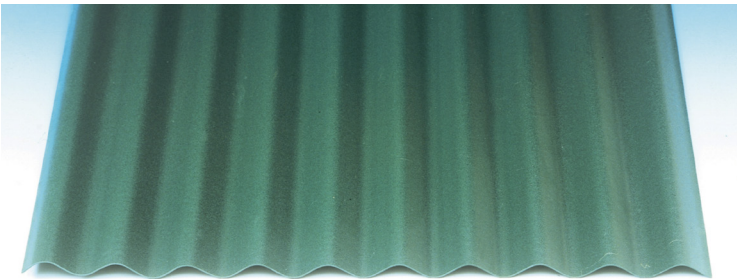


# 4. SUNTOP

Durable lightweight foamed polycarbonate solution for residential roofing.

SUNTOP corrugated foamed polycarbonate is a lightweight roofing & siding product that is opaque, rigid and highly impact-resistant. It can withstand garden rocks, golf balls and even baseballs. SUNTOP roofing sheets are available in rich solid colors that provide 100% shade and protection from harmful UV radiation.

SUNTOP solutions can also endure the full range of hot and cold temperatures, and even the most severe weather conditions. Whether you are a contractor or do-it-yourselfer, SUNTOP is easy to install.



**Key Product Features:**


 Lightweight

 Rigid

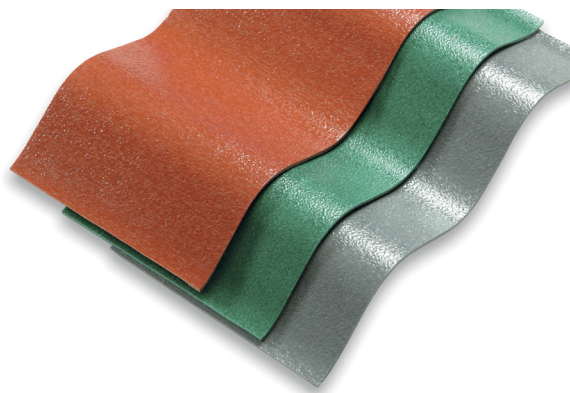
 Opaque

 Highly impact Resistant

 Weather Resistant

 Easy to Install

**Application:** Roofing



# 5. PALTOP


Cost-efficient foam PVC sheets for residential roofing.


PALTOP offers a cost-efficient solution for lightweight exterior roofing applications. Its impact resistance and low weight make PALTOP easy to handle and ideal for a variety of roofing applications around the home and garden.


It is offered in black or a range of vivid non-fading colors, giving it a smooth and attractive appearance.



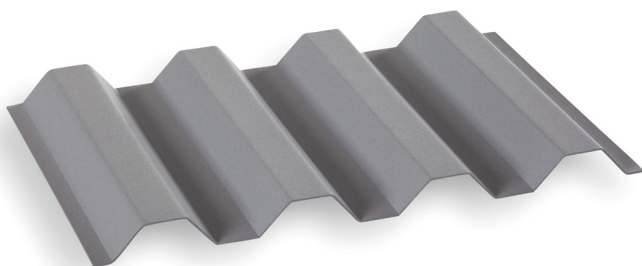
**Key Product Features:**

 Lightweight

 Impact Resistant

 Easy to handle

**Application:** Roofing



Jemiclad



KÖMMERLING

Exitex<sup>TM</sup>



PALRAM



COMPOSITES

# 10. Lighting





PRODUCT GROUP: LIGHTING

# LED LIGHTING

SUPPLIER: GENLED AgiLight®



As the global leader of LED signage lighting, GENLED AgiLight® is the preferred partner of sign companies and global brands. GENLED AgiLight® offers innovative cost-effective solutions that lower the end-users total system cost.

This LED range includes everything you'll need for signage, with solutions for shallow, medium depth, and large letter signs. Having reviewed this market, Print Solutions partnered with GENLED AgiLight® because we believe they bring the best product and greatest benefits to customers.

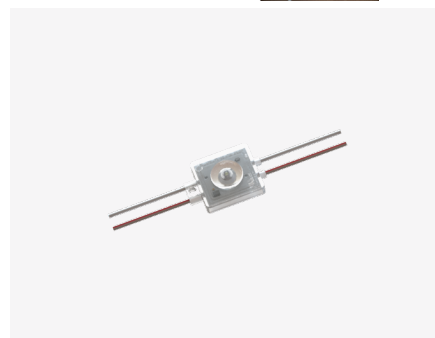
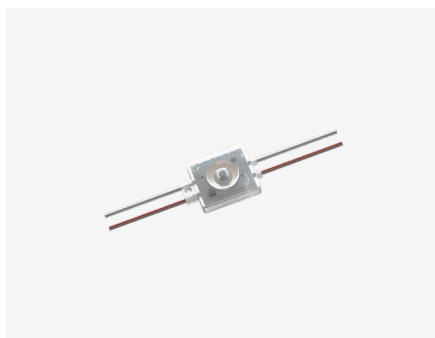
For almost two decades, GENLED AgiLight® (formerly AgiLight®) has been a world leader in the LED Signage Lighting Industry. It provides leading edge solutions and first-rate customer service but also unparalleled value throughout its product portfolio.

Our relationship with AgiLight®, means we can integrate with an expert team in the LED market to consult on any project and achieve the desired sign illumination with the lowest total cost of ownership. From understanding the needs with specific configurations and face materials of the signs, to selecting the most suitable LED modules to use, Print Solutions and GENLED AgiLight® will work step-by-step with customers to optimize the lighting solution for their brand images.

## Benefits of AgiLight®:

- GENLED AgiLight® LED systems significantly reduce the number of modules and power supplies per sign, providing energy and labour cost savings for sign makers and end-users alike.
- Their innovations provide an unparalleled value proposition to signage illumination. Their cutting-edge VersaLenz®, ONEwhite®, and Capzul® technologies are paramount innovations that propelled AgiLight to an industry leading position. The company is known for bringing technically advanced and easy to use products to the market.







PRODUCT GROUP: LIGHTING

# ACOLYTE – Architectural Lighting Solutions



SUPPLIER: GENLED ACOLYTE

**GENLED Acolyte® is a global LED manufacturer that strives to provide the highest quality products and exceptional customer service. They have more than 70 lighting agency offices in the United States, Canada, Europe, Caribbean, Middle East, Australia, New Zealand and Asia-Pacific ready to help you achieve your lighting needs by providing a one-stop-shop for everything from flexible linear LEDs, complete fixtures, controls and mounting accessories. It is GENLED Acolyte®'s goal to provide clients with Complete Integrated LED Lighting Solutions.**

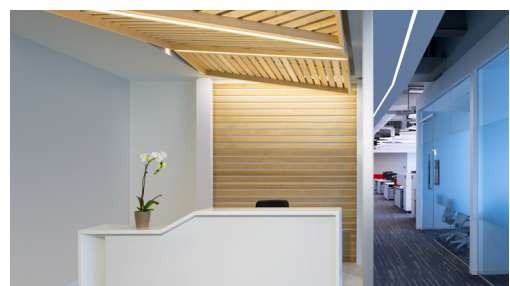
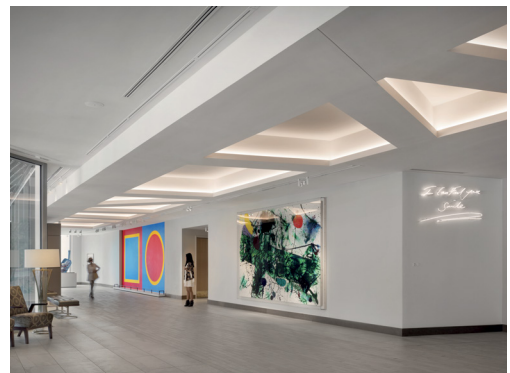
Through collaboration with international designers, these architectural products can be found in major installations worldwide. Acolyte is a linear LED lighting system, complete with a host of accessory products, specifically designed for the Architectural market and allows for superb customized solutions on both internal and external applications.

Linear LEDs, Neon bendable lighting and Decorative LED fixtures are just a few of the items available in this diverse range. Their industry leading RibbonLyte delivers true, accurate colour at all colour temperatures with double the run length of the competition.

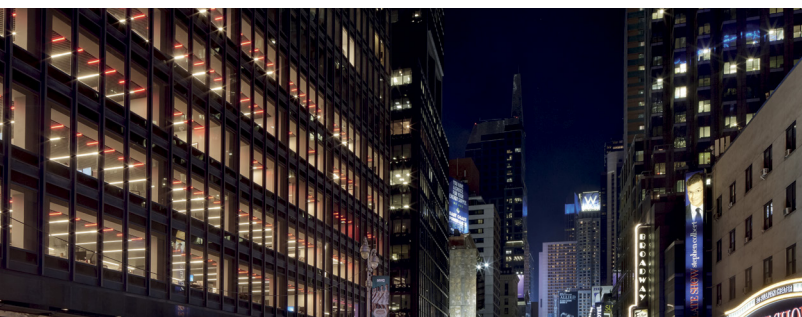
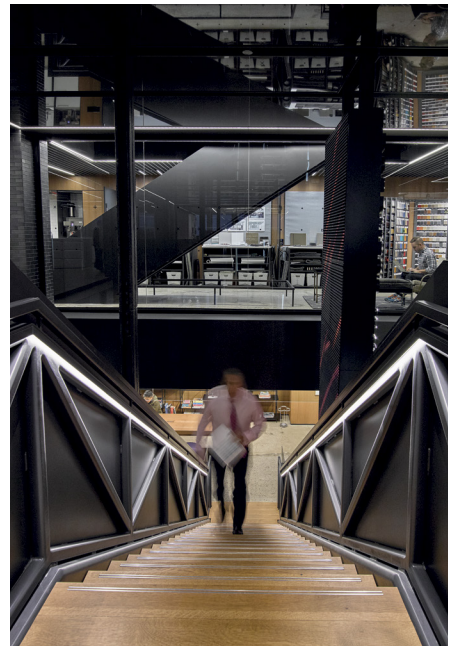
The company offers custom design and fabrication, as well as a full line of fixtures, controls and mounting accessories, all with world-class customer service.

## Benefits of Acolyte:

- Weatherproof Gel-Flush™ technology provides impenetrable breaches from any elements in weather and atmosphere! GENLED Acolyte®'s exterior products are guaranteed to never leak, condensate, or be breached by any environmental elements
- GENLED Acolyte® uses a two-step MacAdam ellipse binning process for white LEDs and an industry-leading, fully integrated design
- GENLED Acolyte® utilizes the highest-quality components and advanced technology. Our RibbonLyte is made with 3-ounce copper board that dissipates heat more efficiently than the competition, resulting in best-in-class run lengths of a maximum of 85 feet in a single run, in addition to a Lumen range from 90 to 900 lm/ft









PRODUCT GROUP: LIGHTING

# LUMAIRE LIGHT PANELS

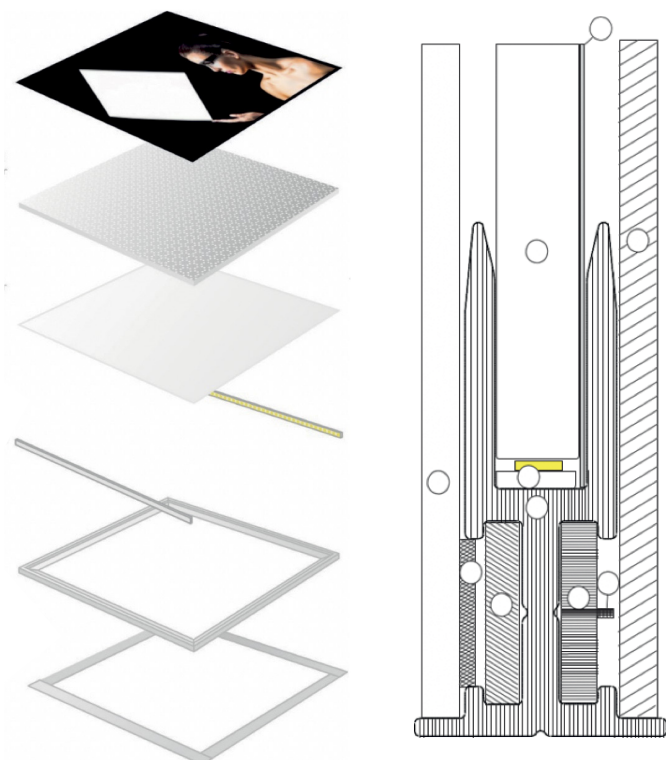
SUPPLIER: JSC Leddex

**This revolutionary range of LED light panels offers superb choices for designers, architects, sign makers and the light market as a whole.**

Lumaire has been manufactured with the end user and customer in mind and the panels can display graphics, prints and posters with the panels giving the impression of a 'static LCD' screen.

In the fast-paced world of light panels, Leddex are constantly looking for and developing new creative LED lighting solutions. From the very beginning, their decision to work exclusively with reliable and well-known brands such as Samsung, Philips, Cree and others has proved to be a winning formula.

Lumaire LED light panels allow you to illuminate any surface, so your product will be eye catching and will stand out from the surroundings. From wall or accent lighting to window displays, different types of Lumaire LED panels are a perfect solution for retail lighting to provide a specific mood and solid look. Their Ultrathin Lumaire Basic is an excellent light source for slim light boxes, stencil cut light boxes or other types of signage starting with 20-30mm depth. Versatility of the Lumaire LED panel is the main aspect to bring your ideas to life.



## Benefits of Lumaire:

- Thickness from just 5mm (8 mm with heat sink)
- Brightness up to 11000lx on the surface depending on size
- Single or double sided, curved and custom shape options
- Low power consumption
- Wide application possibilities, from interior design to signage



## Within the range, there are 5 options to choose from:

### LED Basic

The ultra-thin Lumaire Basic LED Panel is a perfect solution for designers and manufacturers to fulfil their lighting needs. The panel with its 5mm thickness (8mm with heat sink) and customizable shape will easily conform to the idea for any surface lighting. Such as POS displays, furniture, interior design and signage.

### MAGNETIC

In the development of Lumaire magnetic LED panel the most important goal was – practicality. Our Magnetic system is useful when easy print swapping is required. With the help of suction cup the protective acrylic sheet is lifted and it takes less than a minute to change the visual.

### CLICK

LUMAIRE Click is the classic version of LED panel. The special manufactured snap frame provides easy changing of graphics, in a few easy steps everyone can change the graphics without any special tools.

### TEXTILE

Lumaire Textile solution is an illuminated textile frame in only 23mm thickness. Easy to change printed textile fabrics and high flexibility makes it suitable for shops, restaurants and showrooms etc.

### CUSTOM

The Lumaire Custom LED Panel is for non-standard lighting needs. The LED panel can be in any shape, thanks to even light distribution feature and still remain in 8mm thickness. Contact our specialists for more info.



# 11. Decorative Wall Vinyl





PRODUCT GROUP: DECORATIVE WALL VINYL

# Cover Styl' Vinyl Film

SUPPLIER: SOLAR SCREEN

Cover Style is a cost effective self-adhesive vinyl that can cover almost any surface in very little time and with minimal effort. This unique adhesive film comes in a variety of finishes and can easily transform tired and dated surfaces on furniture, walls and environments, breathing new life and reinvigorating your space for a fraction of the cost of larger refurbishments and renovations.

Cover Styl' is used by top name brands across all major commercial sectors and applications, from accommodation providers, commercial properties, corporate offices and many more.

There's an impressive selection from this range and every taste is catered for. Natural stone & marble films take their inspiration from materials found in nature, as well as unique wood and surface patterns all manufactured into innovative adhesive films that offer huge design diversity.

Fabric effect finishes give a vintage and rustic appeal, while Leather effect offers a hint of luxury. Solid colours, Glitter and Metallic complete the range making Cover Styl' one of the most impressive and diverse vinyl films available on the market today.

It has never been easier to carry out a renovation project. Breathe new life into your furniture and interior surfaces thanks to Cover styl': a highly cost-effective and low-maintenance vinyl covering that is both quick and easy to apply, offering additional benefits such as resistance to UV rays and fire.

## Benefit:

Cover Styl' is an eco-friendly film that cares about a healthy environment.

- Free from harmful heavy metals (lead, cadmium, mercury, hexavalent chromium, etc.)
- It meets the safety standard (KF mark standard) applied to wallpaper and paperboard.
- Meets the safety requirements for hazardous chemicals in the Common Safety Standards of Children's Products.
- Excellent antimicrobial and anti-mould function, which helps to maintain a pleasant surrounding environment

All rolls are 50 meters length and 1220mm wide, unless specified.

## Typical Application Benefits (e.g. Hotel)

**Choice & Control** - Diverse range allows creativity & style to shine

**Cost efficient** - at 50-70% cheaper than traditional renovation, for the same visual result

**No loss of revenue** - a renovated room in the morning can be rented in the afternoon!

**Low maintenance** - easy to clean and maintain, anti-bacterial

**Minimum disturbance** - no smell, no noise, no moisture

**Limitless** - repeat the process and keep up with fashion & trends!

**Robust** - moisture and heat resistant

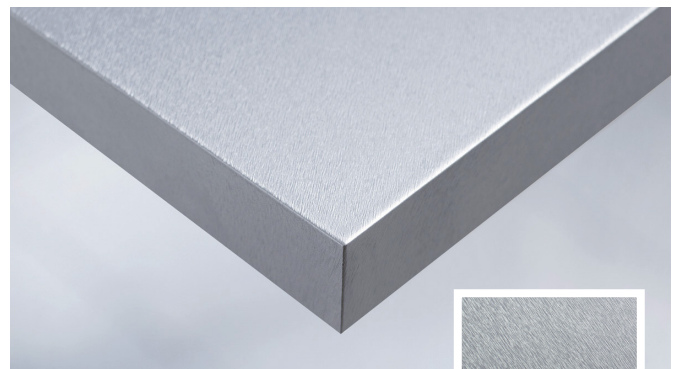
**Guarantee** - 10 years guarantee against delamination, cracking and yellowing

# Cover Styl' Metallic

Over 15 finishes to choose from including :-



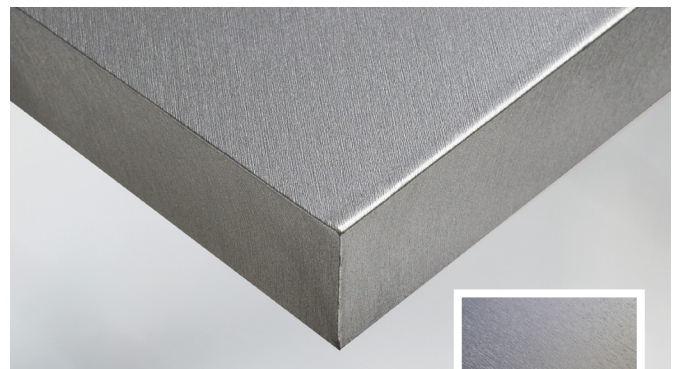
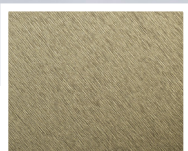
Matt aluminium



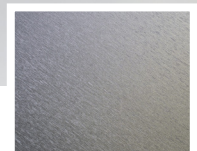
Brushed silver



Brushed gold



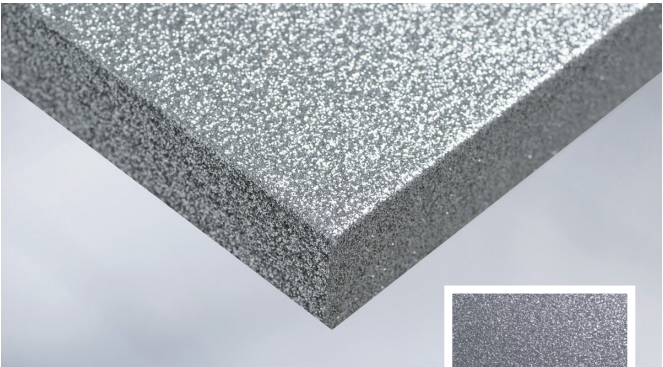
Dark brushed silver



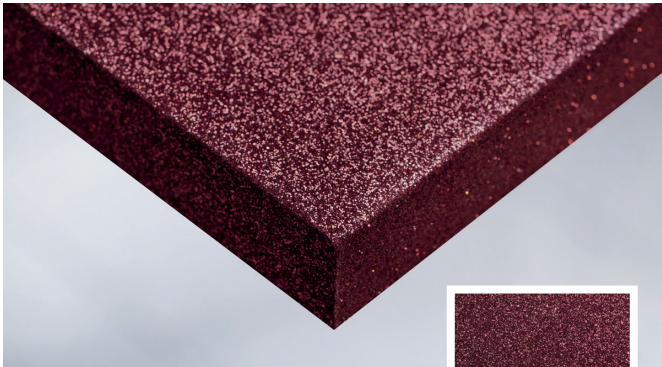


# Cover Styl' Glitter

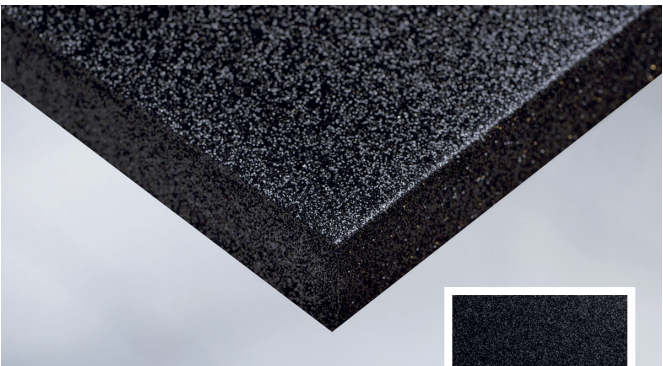
Over 10 finishes to choose from including :-



Silver disco



Red disco



Black disco



Copper disco

# Cover Styl' Wood

Over 60 finishes to choose from including :-



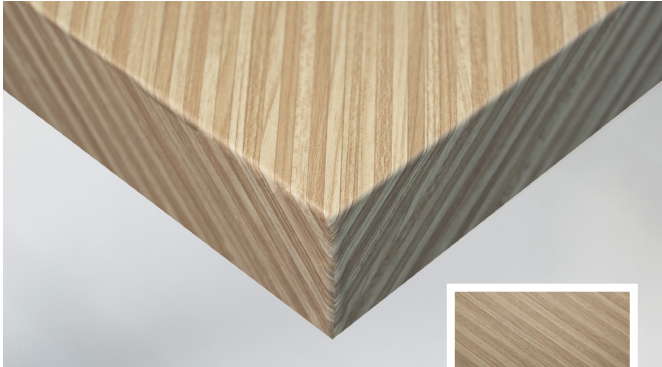
Cream golden oak



Light cream beech



Traditional oak



Gold collective wood

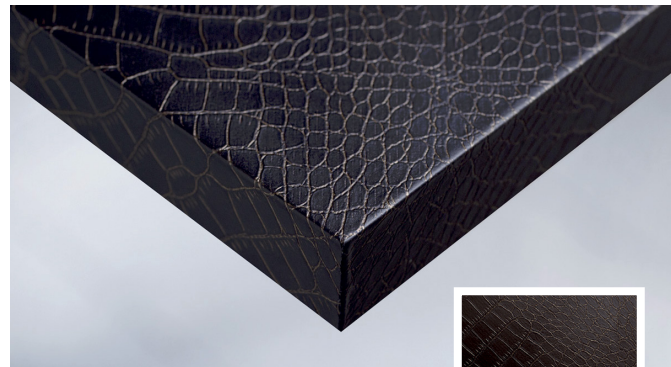
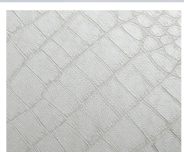


# Cover Styl' Leather

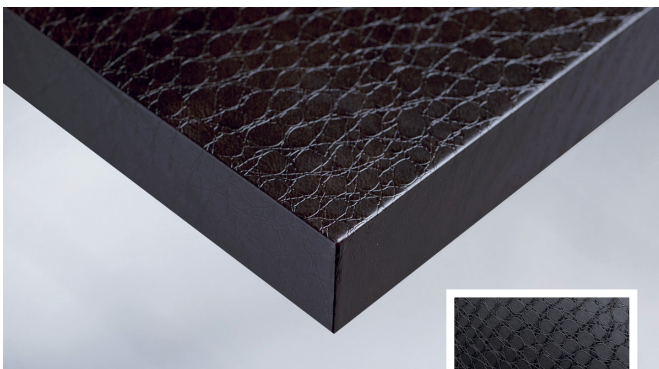
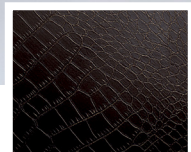
Over 10 finishes to choose from including :-



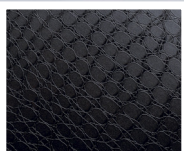
X5 Pearly Leather Crocodile Skin



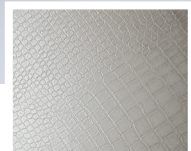
X7 Dark Brown Leather Snake Skin



X6 Chocolate Leather Crocodile Skin



X11 White Crocodile



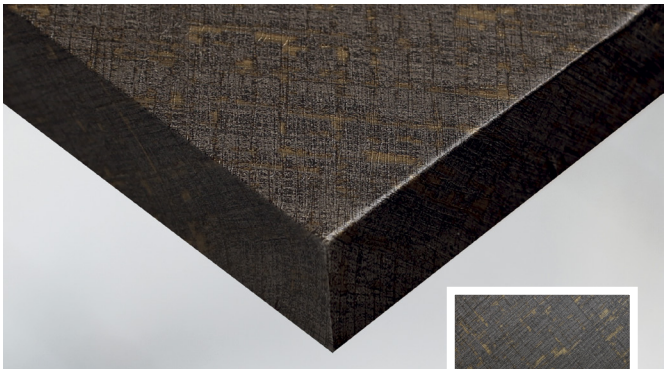


# Cover Styl' Fabric

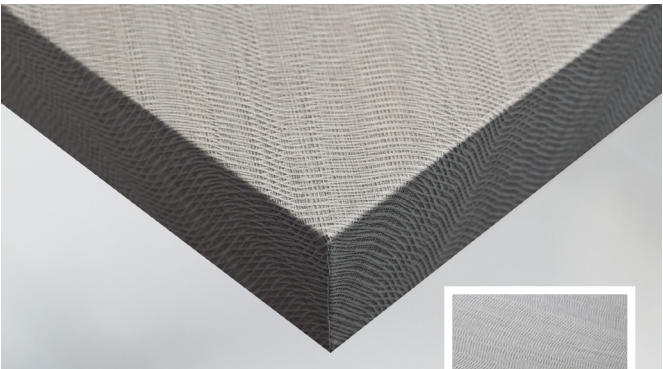
Over 10 finishes to choose from including :-



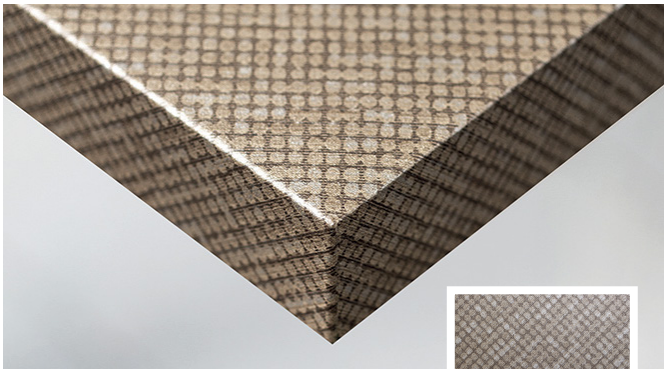
Gold sanding styl'



Gold destroyed styl'



Honey comb cream



Gold silver dots

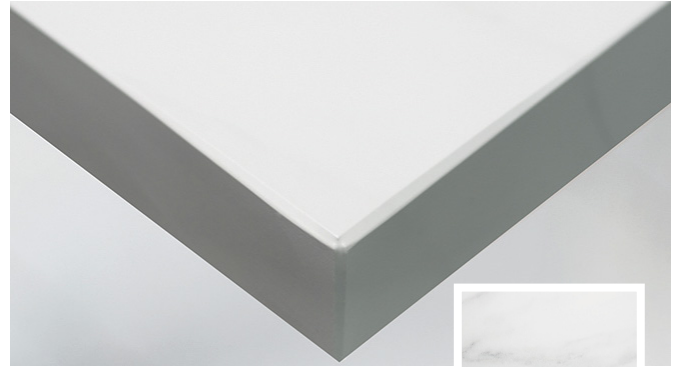
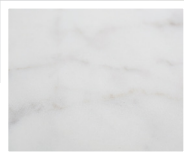


## Cover Styl' Marble

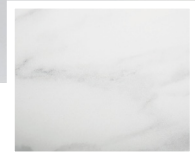
Over 5 finishes to choose from including :-



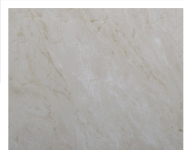
Faded white marble



Matt white marble



Pink marble



White marble

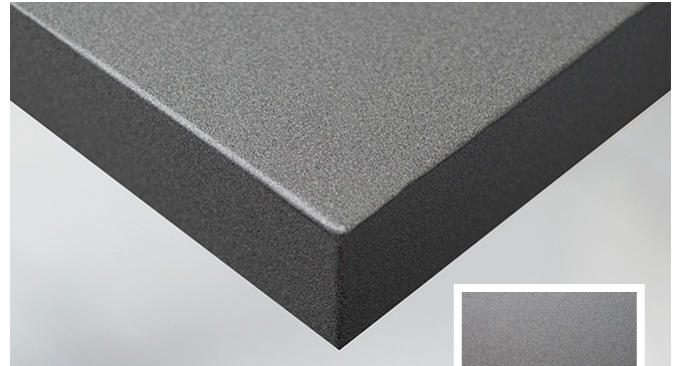
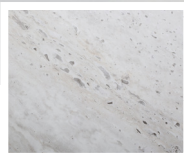


## Cover Styl' Natural Stone

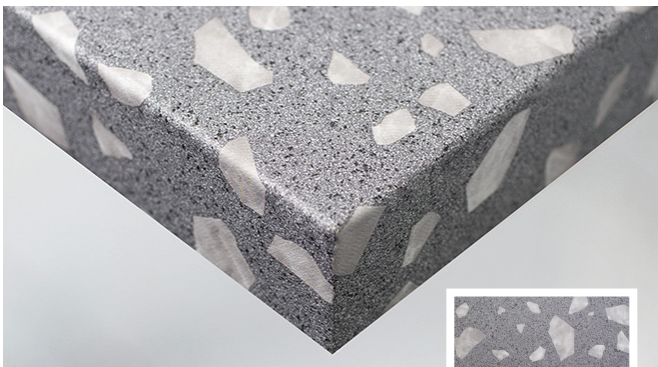
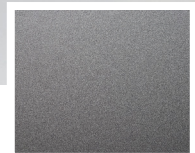
Over 20 finishes to choose from including :-



Cream concrete



Natural stone plaster



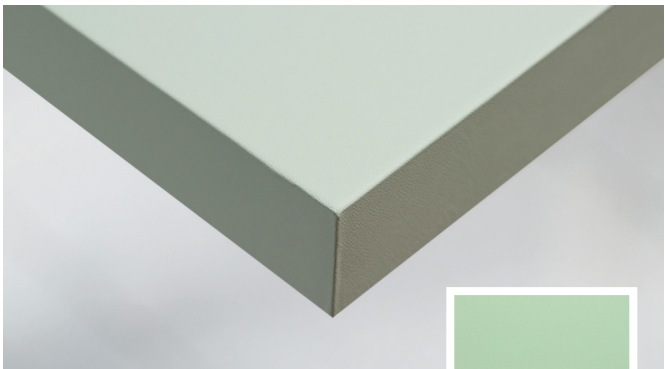
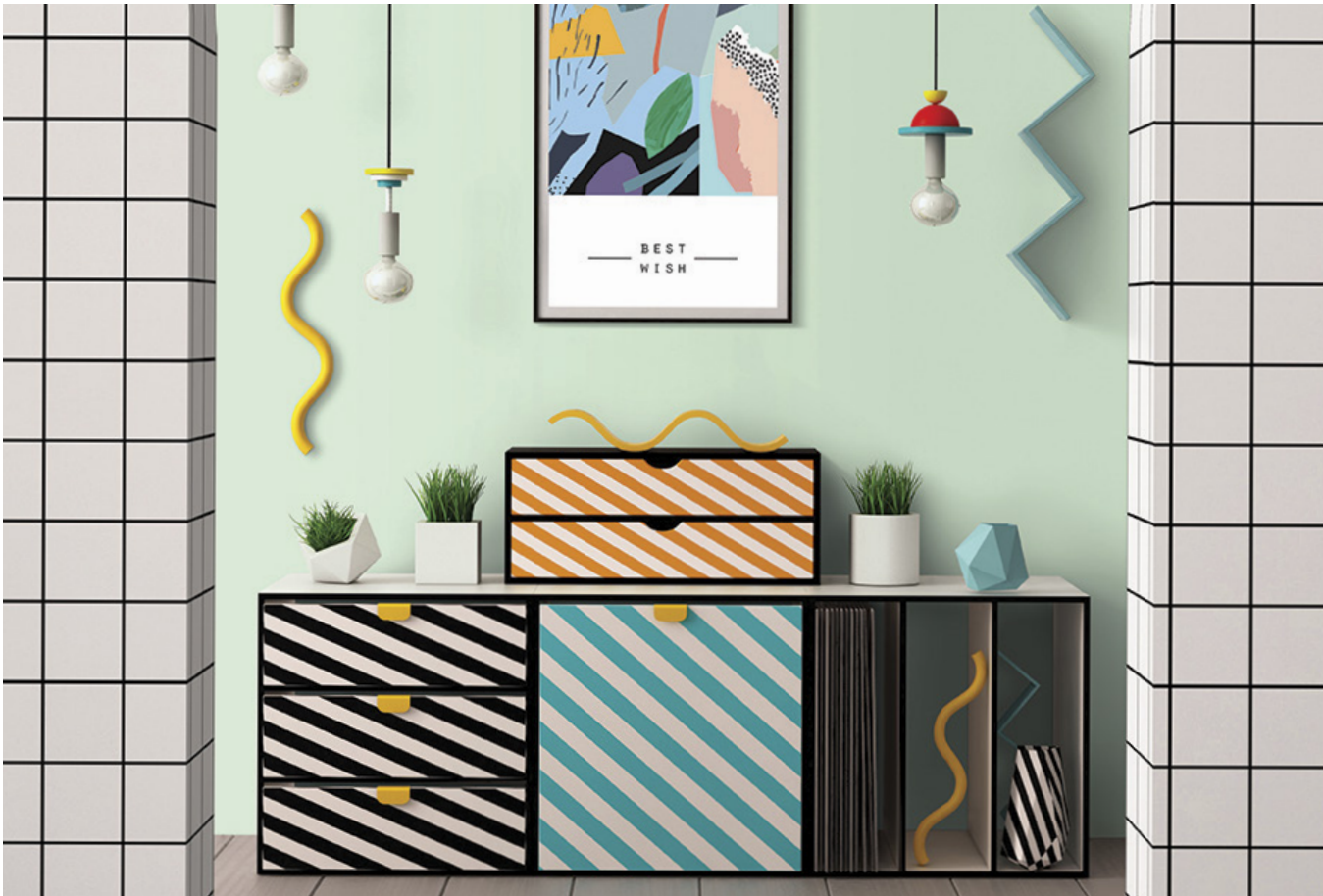
Grey and white stone plaster



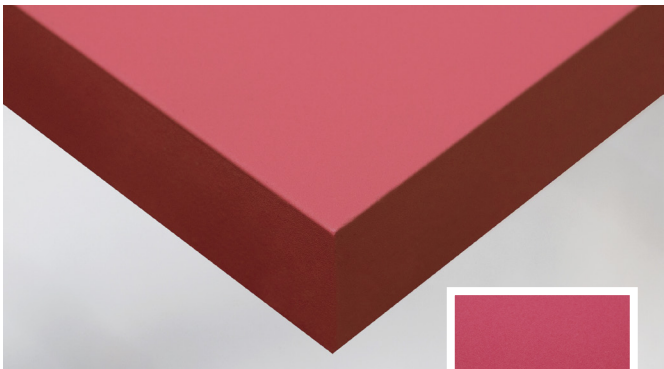
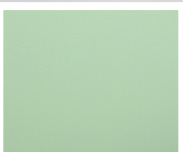
Light grey concrete plaster



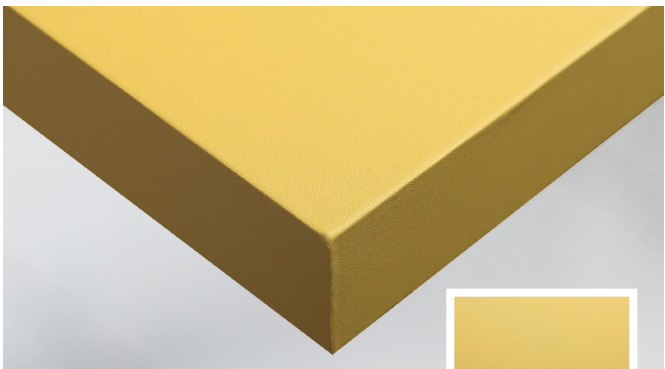
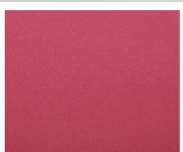
# Cover Styl' Solid Colour



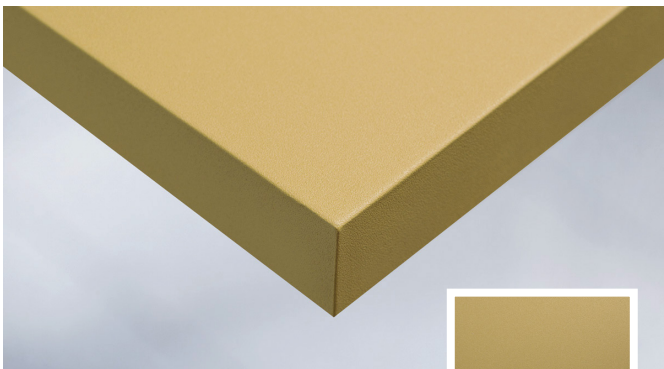
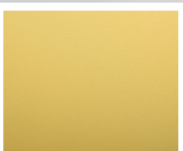
Solid pale green



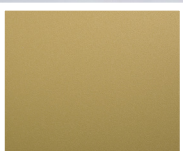
Lula gum velvet



Sun flower yellow



Sun yellow velvet grain





**Since our foundation as a family run business over 80 years ago, D O'Sullivan Print Supplies (t/a Print Solutions) has been renowned for bringing the latest and most innovative print industry products to the marketplace. Over the years we were the first to introduce a number of products to the Irish Market, these included Free Foam PVC, Foam Centred board and Fluted Polypropylene among others.**

Much has changed since those early days but the principles of our business remain the same – to offer an unrivalled product portfolio, competitive industry pricing and a service that is second to none.

We deliver products Nationwide throughout Ireland from our base in Western Industrial Estate, close to the Naas Road in Dublin. This brochure is an introduction to our sheet range including Cardboard, PVC Signage sheets, Recyclable Polypropylene and Architectural Design products like Perspex and Polycarbonate.

Backed by a global supplier network, we pride ourselves as market leaders continually striving to source products at the best cost, that capture the latest innovation trend, cutting edge technology and products that offer environmental, recycling, food hygiene and fire retardant standards.

We employ key product sales specialists that can offer direct, technical support and application advice on any specific install. We also offer full solution options on many product grades such as hygienic wall cladding and architectural smart films. This includes site surveys and complete install fitout solutions.

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**PVC foam is a compressed pvc sheet used extensively in the sign making and display industries.**

# Contents

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**Multiwall is a structured polycarbonate sheet used for both indoor and outdoor applications and extensively in outdoor roofing. The sheet is extremely lightweight but very strong, due to its internal hollow structure, which allows for ease of handling in larger sheet sizes.**

## 7. Acrylic Perspex® Sheet

ACRYLIC (PERSPEX®) SHEET EXTRUDED & CAST	60
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**Bilcare Solutions offers a wide range of rigid PVC films for printing and decoration applications.**

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# 1. Paper Based Sheet





PRODUCT GROUP: PAPER BASED SHEET

# White Clay Coated Corrugated Board

SUPPLIER: CDG

Recycled	✓		
Recyclable	✓		
Biodegradable	✓		

In many cases today, there is no alternative to using plastic sheeting. White clay coated corrugated board can replace foam centred board and free foam PVC in certain applications.

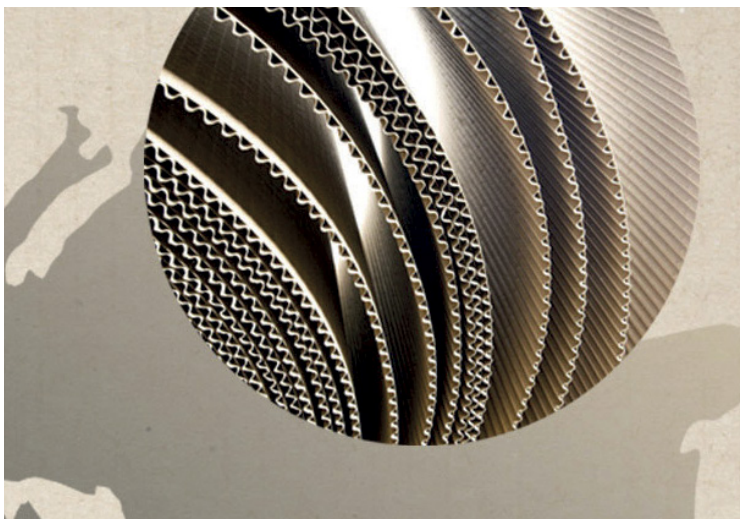
**Our White Clay Coated Corrugated board is made up of twin or tri wall recycled fluting and lined with a high grade white clay coated liner to allow for excellent printability. This product boasts excellent flatness. Typical configuration is an EB or EE flute with a 180 gram clay coated liner on one or both sides.**

This product is both light weight and strong.

Typically this product is used for end of aisle merchandising, dumper boxes in supermarkets or as hanging POP signage.

Our Supplier has achieved a level of quality gained through 40 years of experience in the Industry, working with coated papers, on a modern corrugator designed for the production of Point of Sale and display grades.

Our latest product line from CDG offers both recycled fluting and recycled white clay coated liners. Therefore this product is recycled, recyclable and biodegradable in land fill.



## Key Product Features:

- ✓ Printability
- ✓ Flatness
- ✓ Recycled / Recyclable
- ✓ Biodegradable

## Did you know?

- Check your flute direction as most of the strength in the sheet runs along the flute.
- When specifying a sheet size, remember the flute direction is expressed the opposite to grain direction in paper
- The product creases better across the flute



- The manufacturing process is managed by a computer system that ensures the uniformity of manufactured products.
- An automated control bench measures 25 technical characteristics on each mother roll produced. These values are stored in a database. The control of quality and traceability is thus insured.
- Sheets have a minimum of 100g fluting, delivered on special pallets to ensure good quality sheets, even in large sizes.
- The range includes FSC Kraft based papers with a bright White Finish. (180 and 225g/m<sup>2</sup>), or recycled (180 g/m<sup>2</sup>), with perfect paper tension and an adapted clay coating for high quality printing.



ERP Code	Description
756E13501850	E Flute 756
756E10401550	E Flute 756
4150EB13501850	EB Flute 4150
4150EB15502100	EB Flute 4150
4150EB16003200	EB Flute 4150
756E15502100	E Flute 756
649EE13501850	EE Flute 649
649EE24501650	EE Flute 649
694EE16003000	EE Flute 694
FFE51212001600	SFE Flute 512





PRODUCT GROUP: PAPER BASED SHEET

# Display Board (Display Line Print Premium)

SUPPLIER: SOLIDUS SOLUTIONS

Recycled	✓		
Recyclable	✓		
Biodegradable	✓		

In many cases today, there is no alternative to using plastic sheeting. Display board can replace foam centred board and free foam PVC in certain applications.

Our supplier **SOLIDUS SOLUTIONS** is the leading European sustainable fibre-based packaging provider for food & beverage, consumer goods and industrial applications. **DISPLAYLINE** board is smooth, stiff, stable and widely known for its quality finish and performance. It gives top-quality screen, offset and digital printing results.

Display Board is a solid board made up of a recycled grey board centre, laminated with a recycled clay coated liner. Typically, this product is used for Hanging Displays, Point-of-sale, Displays Showcards and Dumper Bins and small luxury boxes.

This product is recycled, recyclable and biodegradable in land fill.

**Key Product Features:**

- ✓ Excellent printability
- ≡ Excellent flatness
- ✍ Highly suitable for die cutting, scoring and creasing
- 🧽 Dust free
- ♻ Recycled / Recyclable
- 🌱 Biodegradable

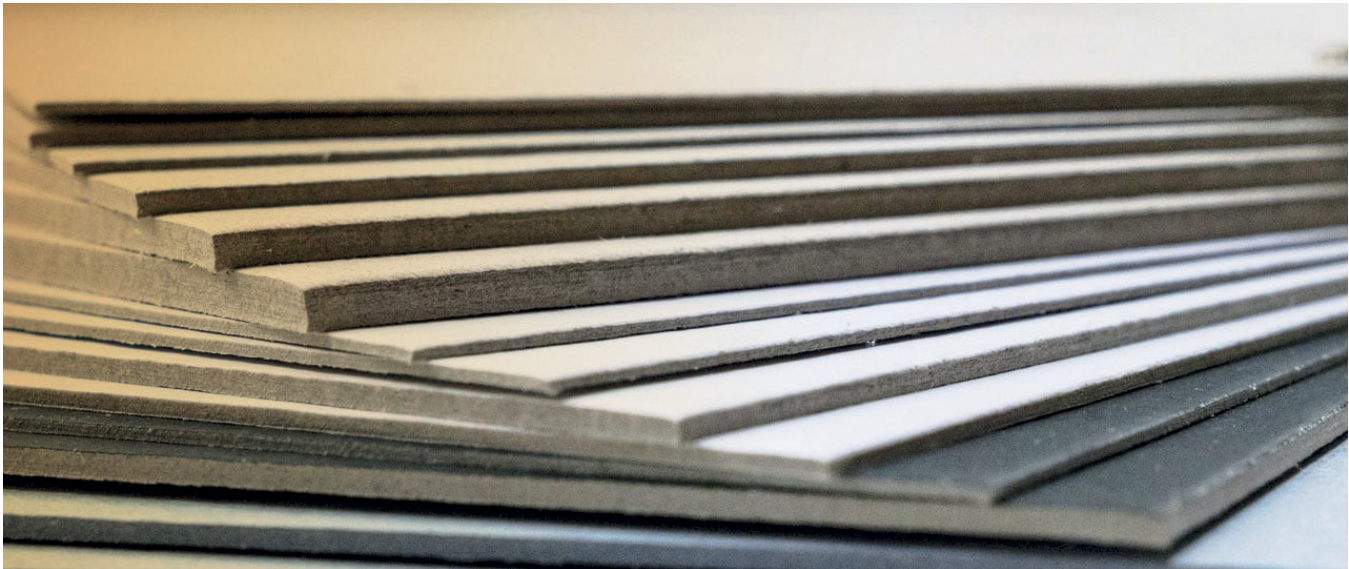
**Did you know?**

- Check your grain direction
  - Place smaller dimension first to specify long grain

**Example**  
1220 x 2440 is long grain  
2440 x 1220 is Short grain







ERP Code	Description	Thickness	Size (mm)
PB1251040B	Display Line Print Premium	1.25mm	1040 x 1550
PB12501850B	Display Line Print Premium	1.25mm	1250 x 1850
PB17501550B	Display Line Print Premium	1.80mm	1040 x 1550
PB17501850B	Display Line Print Premium	1.80mm	1250 x 1850
PB17502050B	Display Line Print Premium	1.80mm	1545 x 2050

PRODUCT GROUP: PAPER BASED SHEET

# Xanita

SUPPLIER: Xanita

Recycled	✓		
Recyclable	✓		
Biodegradable	✓		

Xanita board is an engineered fibreboard manufactured from fibres recovered from recycled used cardboard boxes.

Xanita offers two core fibreboard products namely Xanita Print and Xanita Kraft . The inner core of all Xanita boards is 100% repulpable, ultra lightweight, significantly stronger than traditional honeycomb fibreboard and non-toxic.

Xanita Board is ideal for short-term retail displays such as point-of-purchase displays and brand activation. Xanita Board can be used to make all the displays, merchandising and stocking systems needed to make your brand stand out. The range comes with it’s own unique fixing accessories, allowing for structured finished stands to be created.

**Key Product Features:**

-  100% Recyclable
-  Lightweight
-  Printability
-  Water Repellent
-  Cutting
-  Assembling

**Application:**

- Sign & Display
- Retail Displays
- Expo’s & Events
- Retail Shopfitting



# Xanita





Xanita Board is not only lightweight and easy to assemble, but is also weight-bearing, making it an excellent choice for semi-permanent displays that can support heavy products in a way that cardboard or other materials can't. Xanita board stands and displays are quick to assemble, lightweight, flat packable, and will enhance what would have been an otherwise plain environment. Standard and custom designs allow you to create a space that is perfectly tailored to your brand and needs.

For example, Xanita board expo stands give you an easy to set-up and inviting environment for potential clients. (Xanita board exhibition stands are also 100% recyclable).

Direct printing Xanita board has the ability to mimic other materials such as wood, concrete, OSB and more. Because Xanita board is ultra lightweight, it is especially great for overhead decorative applications, such as bulkheads.



ERP Code	Description	Thickness	Size (mm)
PSXXBP612202440	X-Board Print White	6mm	2440 x 1220
PSXXBP1012202440	X-Board Print White	10mm	2440 x 1220
PSXXBP1012203050	X-Board Print White	10mm	3050 x 1220
PSXXBP161220240	X-Board Print White	16mm	2440 x 1220
PSXXBP1612203050	X-Board Print White	16mm	3050 x 1220

PRODUCT GROUP: PAPER BASED SHEET

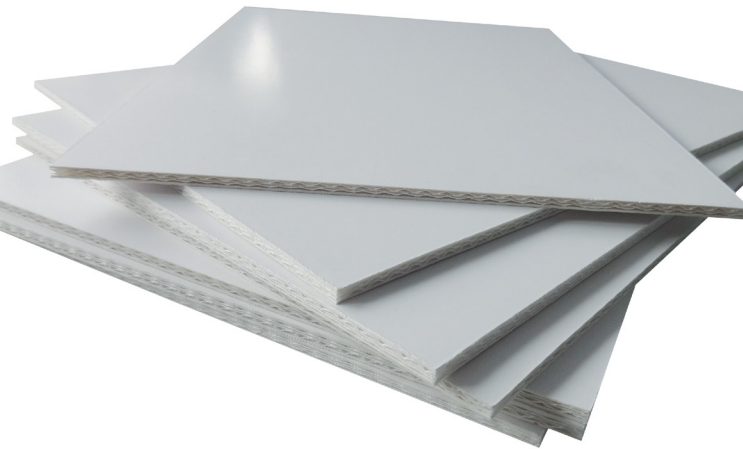
# DISPA

SUPPLIER: 3A COMPOSITES

Recycled	X		
Recyclable	✓		
Biodegradable	✓		

DISPA is the new paper board from 3A Composites with a unique structure of embossed foamed paper which gives it strength and rigidity. It's a laminated structure, constructed from embossed foamed paper using an innovative, unique and patented manufacturing process.

It is the perfect solution for short term promotional campaigns. DISPA delivers everything you would expect from a sign and display board. Flat, smooth surface, excellent printability, rigidity and stability and a unique design made of 100% paper. The embossed structure that forms the central layer of DISPA is the result of extensive analysis and testing of different profiles. This patented core and method of manufacture results in a uniquely stable board. DISPA is a 100% cellulose fibre product and is fully recyclable.

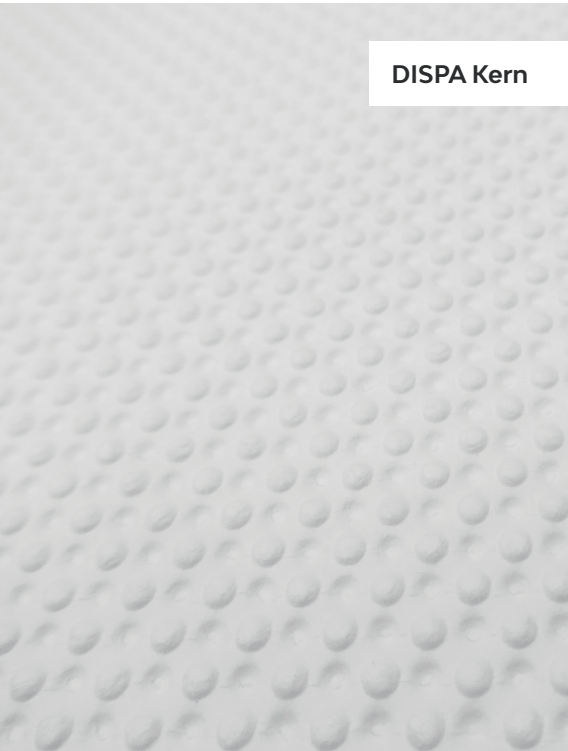


**Key Product Features:**

- ✓ Printability
- ✓ Bright white and smooth – graphics look amazing
- ✎ Lightweight
- ✎ Strong, rigid and stable – signs that start flat and stay flat!
- ♻️ Made of 100% FSC – certified paper
- ♻️ Recyclable
- 🌱 Biodegradable

**Application:**

- POP hanging signs
- Displays
- Short term promotional campaigns





**DISPA Board perfect solution for:**

- Short term promotional campaigns
- Hanging Signs
- Display and POS/POP applications
- DISPA will stay looking good for as long as you need it to with the added reassurance that when you dispose of it, it won't be hanging around for long.

**Processing:** Thanks to the ease of processing, working with DISPA is efficient and fast.

**Print:** DISPA delivers high quality results both for digital and screen printing.

**Laminate:** DISPA is ideal for pre printed double sided off set litho sheet lamination.

**Cut:** DISPA can be guillotined and is suitable for die cutting without special tooling or techniques.



ERP Code	Description	Thickness	Size (mm)
DISPA381250	Graphic board white	3.8mm	1250 x 1840
DISPA3812502450	Graphic board white	3.8mm	1250 x 2450

**DISPA FSC Certified:**

- Papers used to produce DISPA are all FSC certified.
- Clear indicator that the paper layers come from responsible forest management.
- Use of forests in accordance with the social, economic and ecological needs.
- Production process audited by FSC.
- No mix with controlled / non certified paper.
- Customers buying DISPA make an active contribution to the sustainable management of forests around the world.

# 2. Foam Centered Sheet



PRODUCT GROUP: FOAM CENTERED SHEET

# Smart X

SUPPLIER: 3A COMPOSITES



**Smart X is a mono-material composite made from 100% polystyrene with no adhesive between core and cover layers.**

Ecological: Smart X with a homogeneous compound is 100% recyclable. About 95% of the production waste with Smart X is collected and recycled on site. Smart X is a sophisticated board for both internal and external applications. Manufactured from 100% polystyrene by 3A Composites in Switzerland. Smart X is a great potential replacement for Foam PVC.

As the retail sector migrates from the use of PVC, Smart X gives the right balance of environmental credentials and great looking product.



## Key Product Features:

-  100% Recyclable
-  High stability with very low weight
-  Very good resistance to weathering
-  High UV Stability
-  Humidity Resistance
-  Brilliant printing results with direct digital printing giving vibrant colours including exterior applications
-  Water repellent
-  Cutting
-  Assembling

## Application:

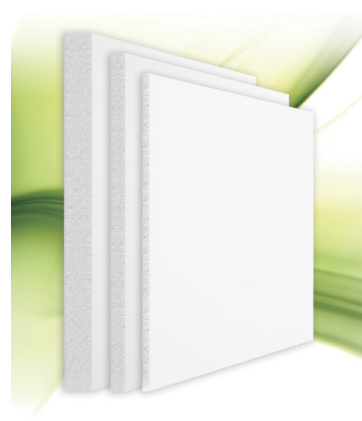
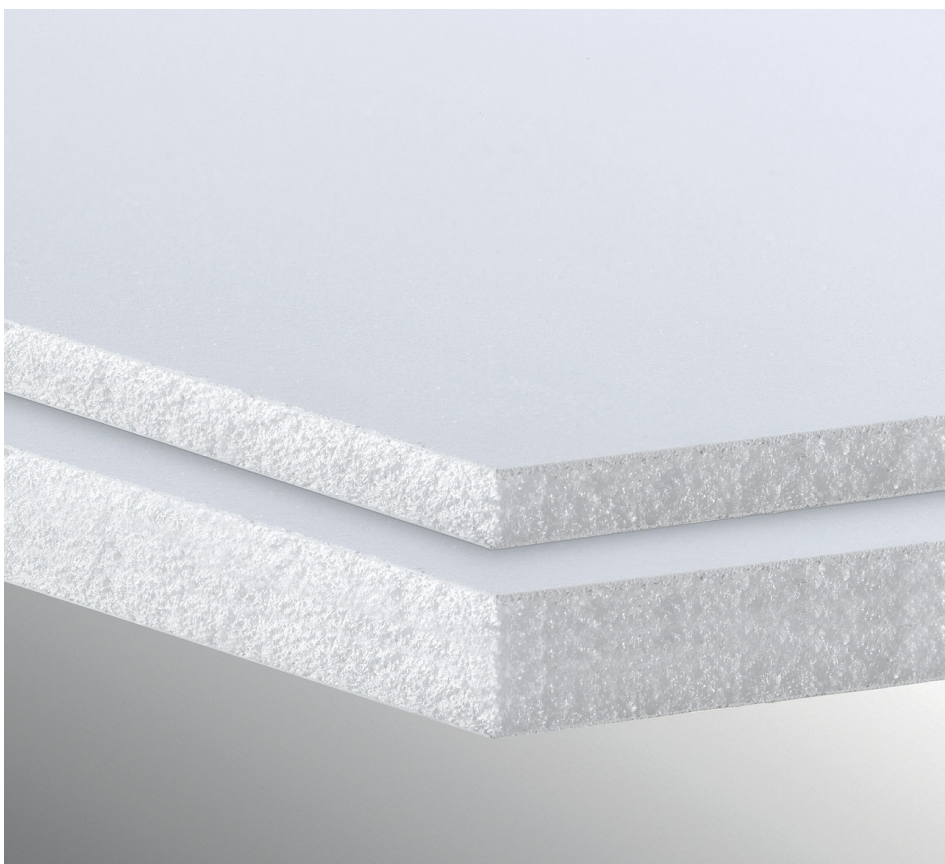
Smart-X Can be used with all lamination and printing techniques for applications in the fields of:

- Advertising signage
- Event marketing
- POS/POP displays





- All types of signage, especially large format or long and narrow signs - formats where other materials usually deform.
- Optimal for self supporting, free standing structures - directly printed - milled - shipped flat - assembled on site.
- Life- sized fashion displays made from Smart-X and directly printed - contour milled - assembled on site - ready to go.
- Our customers are convinced of the unique qualities of Smart X. Major furniture stores, DIY stores, food retail chains as well as suppliers of POS/POP displays and service providers in the event marketing industry are just a few examples of the satisfied Smart X customer base.



ERP Code	Description	Thickness	Size (mm)
SMARTX512202440	Smart X White	5mm	1220 x 2440
SMARTX530502050	Smart X White	5mm	2030 x 3050
SMARTX1012202440	Smart X White	10mm	1220 x 2440
SMARTX1030502050	Smart X White	10mm	2030 x 3050

**REACH Regulation:** Smart X meets the requirements of the current version of European Union chemicals regulation (REACH). In particular, Smart X foam boards do not contain any substances which are listed in the current version of the ECHA Candidate List of substances of "Very High Concern" (SVHC).

PRODUCT GROUP: FOAM CENTERED SHEET

# Stadur Viscom Sign SF

SUPPLIER: STADUR



The Stadur VISCOM SIGN SF lightweight foam board consists of PVC foam sheets on both sides. Due to its low weight and solid dimensional stability it features outstanding high quality.

## Facings:

Consisting of PVC foam sheets in white with a protective foil. The surface is suitable for digital direct printing. The sheet is dual sided with a flush-mounted protective film

## Advantages at a Glance:

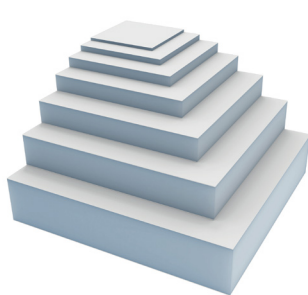
Low weight, rigid, very easy to handle, suitable for indoor and outdoor applications. Weather resistant, humidity resistant, dual sided and flush-mounted protective film, excellent printing results with direct digital printing. Available up to 2030 mm width, CNC milling, easy bendable after using single-sided V-shaped grooves, various geometrical shapes can be generated with slot-grooving, Surface ready for painting.

## Key Product Features:

-  Low weight
-  Rigid
-  Suitable for indoor as well as outdoor applications
-  Weather resistance
-  Approved surface for digital printing

## Application:

- Digital printing / Screen printing
- POS / POP
- Interior / Exterior signage
- Display Exhibitions
- Shop fitting / Shop Design
- Event marketing / Promotions
- Photo Mounting



**STADUR**  
MADE IN GERMANY





ERP Code	Description	Thickness	Size (mm)
SIGNSF512202440	Stadur White	5mm	2440 x 1220
SIGNSF530501530	Stadur White	5mm	3050 x 1530
SIGNSF1012202440	Stadur White	10mm	2440 x 1220
SIGNSF1030501530	Stadur White	10mm	3050 x 1530
SIGNEP512202440	Stadur White	5mm	2440 x 1220
SIGNEP1012202440	Stadur White	10mm	2440 x 1220
SIGNEP1912202440	Stadur White	19mm	2440 x 1220
SIGNEPBLK1930501530	Stadur Black	19mm	3050 x 1530
SIGNEP3012202440	Stadur White	30mm	2440 x 1220
VISMAG1012202440	Stadur Magnetic	10mm	2440 x 1220
VISWB1012202440	Stadur Whiteboard	10mm	2440 x 1220
VIEDGEWH1050	Edging Tape White	Edge tape	10mm x 50m roll
VIEDGEBL1050	Edging Tape Black	Edge tape	10mm x 50m roll



# 3. Composite Aluminium Sheet



PRODUCT GROUP: COMPOSITE ALUMINIUM SHEET

# Composite Aluminium Sheet

SUPPLIER: BSMART

An excellent composite aluminium panel with a recycled LDPE core and AA1100 grade aluminium skins. The sheet has a high grade digital lacquer for top quality digital printing and a reverse side with a clean grey primer. The sheet is lined with an easy peel PE liner, offering time saving and increased productivity.

This Matt / Mill sheet is perfectly flat and ideally suited for general outdoor signage. It is also commonly used as Construction site hoarding where it is direct printed. Colours in this sheet range are supplied as standard with Gloss finish one side and Matt finish other side.

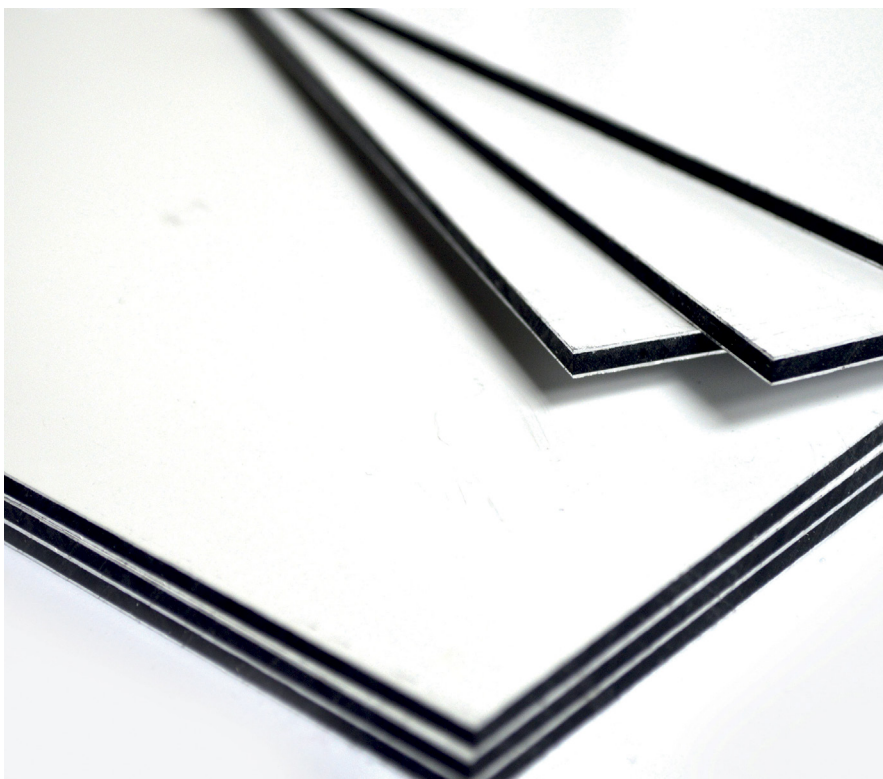


## Key Product Features:

- ✓ Printability
- ✓ Excellent Ink key
- ✓ Sheet flatness
- ✓ Easy Peel Liner



**b**smart  
media & displays



ERP Code	Description	Thickness	Size (mm)
ACP3MM1220X2440.06	Display White	3mm	2440 x 1220
ACP3MM1220X2440.12	Sign Premium	3mm	2440 x 1220
ACP3MM1220X2440.15	Hoarding White	3mm	2440 x 1220
ACP3MM1500X3050.15	Hoarding White	3mm	3050 x 1500
ACP3MM1220X2440.18	Hoarding Premium	3mm	2440 x 1220
ACP3MM1500X3050.18	Hoarding Premium	3mm	3050 x 1500
COMALU3WH122003SS	Fabrication White	3mm	2440 x 1220
COMALU3WH15003SS	Fabrication	3mm	3050 x 1500
ACP3MMBLKGM1500X3050.25	Black Gloss/Matt	3mm	3050 x 1500
Other Colours Blu, Red, Yel, Grn	Gloss / Matt	3mm	3050 x 1500
CALMIR12202440	ACP Mirror	3mm	2440 x 1220
COMALUGC312203050	Brushed Gold/Copper	3mm	2440 x 1220
COMALUSB31220F	Brushed Silver (Butler)	3mm	2440 x 1220



PRODUCT GROUP: COMPOSITE ALUMINIUM SHEET

# DIBOND® Aluminium Composite

SUPPLIER: 3A COMPOSITES

**Di Bond is the world's first aluminium composite sheet which is specially optimised for display.**

It is light and can be 3-dimensionally shaped, making it extremely stable and rigid. DIBOND® is ideally suitable for internal and external applications and can be used for an extraordinary variety of surfaces.

## DIBOND® design

Unlimited design freedom to express your individual style. Design your individual décor and realise the concept on the object of your choice.

## BUTLERFINISH®

The characteristic brushed effect of BUTLERFINISH® is due to a special surface polishing process in which the cover sheet is first run through rollers and then stove-enamelled with clear lacquer.

## DIBOND® digital

A specific paint system guarantees the best ink adhesion for UV-curable and solvent-based inks. The combination of this paint system and the extremely flat surface of DIBOND® digital not only enables the reproduction of very fine lines and structures but also allows faster printing.

## DIBOND® decor

DIBOND® decor is our name for DIBOND® surfaces with a wood-look finish. These surfaces score in places where a combination of elegant wood-look and creative finishing are called for.

## DIBOND® mirror

This mirrored surface for display areas has reflective qualities which are similar to those of a conventional mirror; it is unbreakable, however, and is only half as heavy.

## DIBOND® FR

DIBOND® FR aluminium composite sheets have the fire classification "fire retardant" because of their mineral core.

## DIBOND® structure

DIBOND® structure gets its characteristic look from a special paint system which gives the plate a haptic surface. With the option of a black or a silver surface, DIBOND® structure creates special accents.

## DIBOND® eloxal

DIBOND® eloxal surfaces are coated in a special process with a 5 µm or 10 µm thick anodised coating which makes them significantly harder than surfaces finished using a paint system.

## Key Product Features:

- ✓ Easy to process
- 🎨 Extensive colour range
- 🔥 Fire resistance
- 📄 Formability
- 🔧 Hard wearing
- ⚡ Weather resistant
- 🔗 Stiffness / rigidity

## Application:

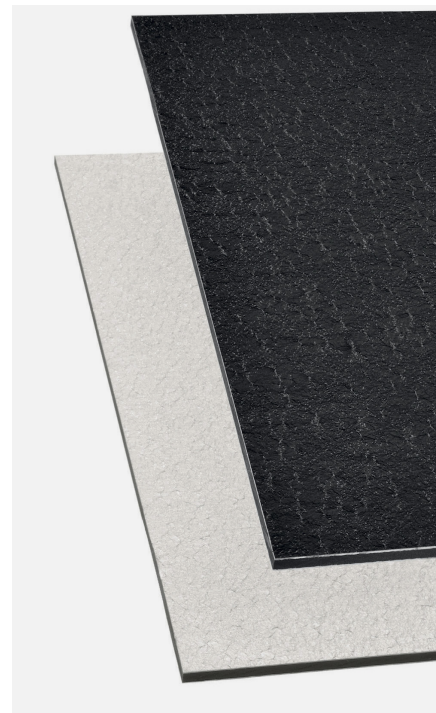
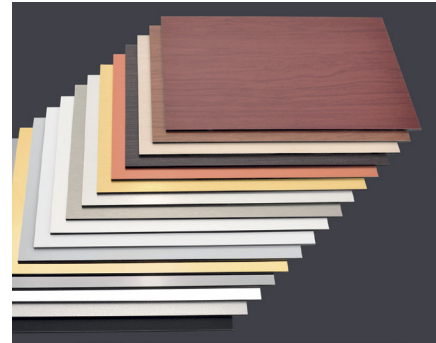
- Creative work
- Decorative lighting
- Digital printing
- Displays (POS/POP)
- Exhibition design
- Furniture
- Interior design
- Lettering
- Partitions / cladding
- Screen printing
- Shop design / shop fitting
- Signage

## Standard range

**Colours:** A very wide-ranging palette of standard and complementary colours

**Thickness:** 2 - 6 mm





**Please Note:** Sheet orders are subject to MOQ, production run schedules and stock availability at supplier. Sheet range may be changed / updated without notice.

PRODUCT GROUP: COMPOSITE ALUMINIUM SHEET

# HYLITE® Aluminium Composite

SUPPLIER: 3A COMPOSITES

**HYLITE® is an aluminium composite panel with a polypropylene core and aluminium outer skins. Two different core systems mean our range offers great variety for very different applications.**

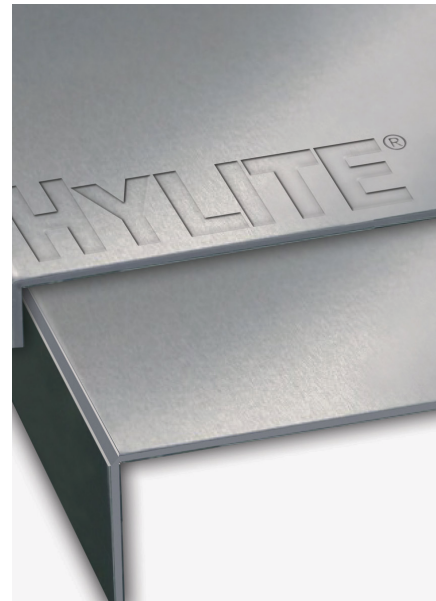
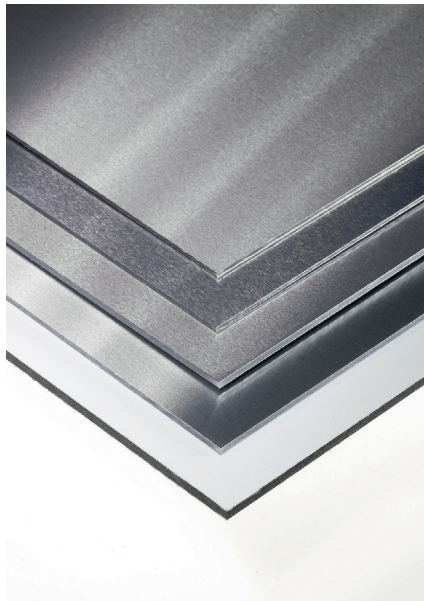
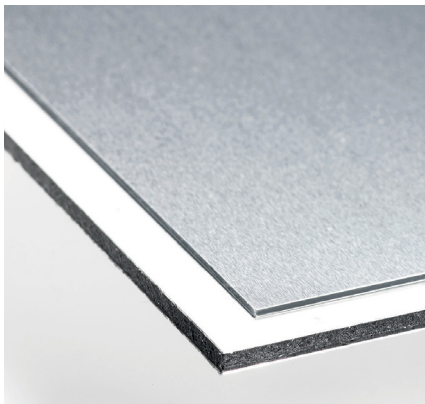
HYLITE® is the world's thinnest composite panel with thicknesses of 1.2 mm and 2 mm

HYLITE® is an Ultra-light aluminium composite panel

HYLITE® offers another special feature: The panel's core material can provide a hinge function, which withstands repeated bending without damage.

This function is achieved by milling grooves at the same position into both outer aluminium skins. RWTÜV testing has shown that the hinge application is unimpaired even after 80.000 bends.

The core material for the 3mm and 4mm panel thicknesses is foamed in a manufacturing process specially developed for this purpose. The result is an ultra-light aluminium composite panel, and the only cutback is in weight: HYLITE® in 3mm and 4mm thicknesses is up to 80 % lighter than conventional steel sheets or up to 60 % lighter than aluminium sheets yet provides the same flexural rigidity. Its high heat-resistance is a further plus as is its printability. This is ensured by the high-quality aluminium strips which are inserted during production.



## Key Product Features:

- ✓ Easy to process
- 📄 Formability
- 🔧 Hard wearing
- ⚡ Weather resistant
- 🕊️ Lightweight
- 🔗 Stiffness / rigidity

## Application:

- Creative work
- Decorative lighting
- Exhibition design
- Furniture
- Interior design

## Standard range

**Colours:** Aluminium-look, white, other colours on request

**Thickness:** Compact core: 1.2 or 2.0 mm  
Foamed core: 3.0 or 4.0 mm



PRODUCT GROUP: COMPOSITE ALUMINIUM SHEET

# KAPA® tech Aluminium Composite

SUPPLIER: 3A COMPOSITES

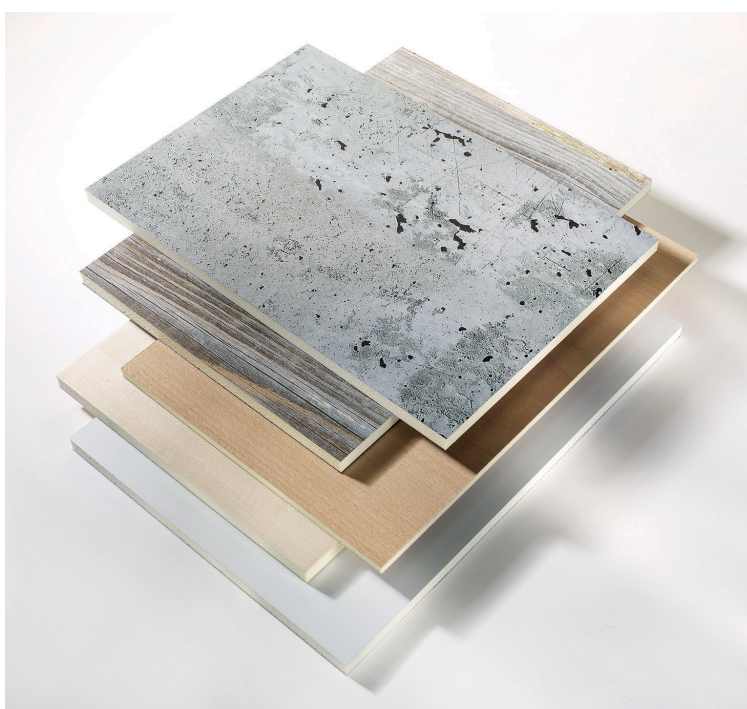
**KAPA®tech is the innovative lightweight foamboard of 3A Composites. The pioneering composition of PUR foam and aluminium skins combines lightweight with rigidity.**

Moreover, KAPA®tech is euroclass B certified; it is the first KAPA® board in the category "difficult to ignite". KAPA®tech offers perfect characteristics for a lot of interesting applications in transport and industry as well as in visual communication.

- Polyurethane foam core with coated aluminium skins
- B-s2-d0 "difficult to ignite" according to EN ISO 13501-1
- Lightweight foamboard suitable for exterior as well as for interior use
- Weather-resistant and resistant to humidity
- Good dimensional stability and stiffness
- Good insulating properties
- Protective film on both sides

## Standard range

**Thickness:** 5 - 10 mm



## Key Product Features:

- ✓ Easy to process
- 🔥 Fire resistance
- 🔧 Hard wearing
- ⚡ Weather resistant
- 🍃 Lightweight
- 🔗 Stiffness / rigidity

## Application:

- Insulation
- Ceilings
- Interior fittings for trains, mobile homes and caravans
- Elevator cabins
- Base panel for furniture construction
- Casing of machines
- Air ducts
- Shop fitting
- Stand construction
- Displays for POS
- POP applications
- Signage
- Classical applications of visual communication
- 3D applications
- Digital printing
- Displays (POS/POP)
- Exhibition design
- Interior design
- Partitions / cladding
- Screen printing
- Shop design / shop fitting



# 4. Polypropylene Sheet



PRODUCT GROUP: POLYPROPYLENE SHEET

# Corriplast Sheet

SUPPLIER: ENPLAST



**Corriplast is a polypropylene sheet manufactured in Ireland. Traditionally referred to as a 'H flute' or twin walled polypropylene, the sheet is commonly used in outdoor signage like election posters and other temporary signage.**

The manufacturing process used by our Irish supplier Enplast Extrusions, includes only the highest grade co-polymer, ensuring that their polypropylene sheets are approved for use in contact with food products.

Twin walled polypropylene is a lightweight, cost effective and environmentally friendly alternative to wooden, cardboard or solid plastic sheets. As a polypropylene material, the sheet is completely waterproof, damp proof and scratch resistant while maintaining a flexibility that allows it to be cut, shaped, scored, glued and welded. Corriplast polypropylene sheets are 'Corona' treated for use with silk screen and digital printers and are available in a wide range of colours, thicknesses, weights and sizes, and can be tailored to suit your exact requirements.

Corriplast offers a cost effective choice for both indoor and outdoor signage and is used extensively throughout the signage industry in Ireland where it is ideal for direct printing or for the application of letters and motifs created with self-adhesive vinyl.

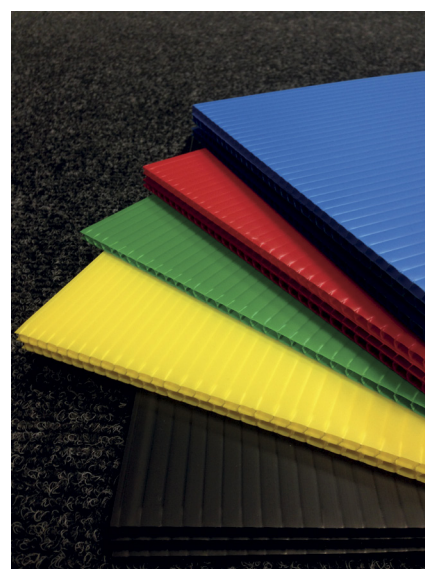
## Key Product Features:

- 100% Recyclable PP
- 100% Opaque
- Waterproof
- UV Resistant
- Chemical Resistant
- Scratch proof
- High impact resistance
- Lightweight
- Indoor or Outdoor

## Application:

- POS and POP displays
- Printed exhibition boards
- General signage





ERP Code	Description	Thickness	Size (mm)
CPS21220	Corriplast White	2.0mm	1220 x 2440
CPS351220600	Corriplast White	3.5mm	1220 x 2440
CPS4460	Corriplast White	4.0mm	460 x 610
CPS4610	Corriplast White	4.0mm	610 x 610
CPSBLK41220650	Corriplast Black	4.0mm	1220 x 2440
CPS41000	Corriplast White	4.0mm	1000 x 2000
CPS41220	Corriplast White	4.0mm	1220 x 2440
CPO381220	Corriplast Orange	4.0mm	1220 x 2440
CPS51220	Corriplast White	5.0mm	1220 x 2440
CPS541220	Corriplast White	5.4mm	1220 x 2440
CPS61000	Corriplast White	5.5mm	1000 x 2000
CPS61220	Corriplast White	5.5mm	1220 x 2440
CPS612203050	Corriplast White	5.5mm	1220 x 3050
CPS615243050	Corriplast White	5.5mm	1524 x 3050
CP61220	Corriplast White	6.0mm	1220 x 2440
CPS101220	Corriplast White	9.0mm	1220 x 2440
CPS103050	Corriplast White	9.0mm	1220 x 3050
CPS1015243050	Corriplast White	9.0mm	1524 x 3050
CP101220	Corriplast White	10.0mm	1220 x 2440



PRODUCT GROUP: POLYPROPYLENE SHEET

## Bubble Guard

SUPPLIER: IMBALLAGGI PROTETTIVI (IP)



Bubble guard is a polypropylene sheet with a structured 'bubble' interior sandwiched between two smooth outer layers. Polypropylene is becoming the product of choice for retail and many other sectors as they seek a more environmentally friendly alternative to traditional PVC sheet.

Bubble guard has a unique internal 'bubble' structure, making it very lightweight but giving it bi-directional strength unlike H Flute Corriplast, making it an ideal replacement for outdoor print signage like election posters, as well as fence and post signage.

Our frame retardant sheet is of particular interest to **stadium and arena management companies**, who wish to use an environmentally friendly but fire safe sheet, ensuring weight is kept to a minimum while not compromising on print quality. All bubble guard sheets are 100% opaque, allowing for 2 sides printing.

Our Bubble Guard range has a number of sheet variants. **Fleet management companies** are showing keen interest in our 4mm Grey for van lining and our 10mm black bubble guard with diamond pattern grip for van flooring. These sheets are impact resistant and offer a weight reduction on traditional van fitting materials like Plywood, hence increasing fleet fuel efficiency while maximising payload.

Our bubble guard 'smooth' sheet product is CORONA treated, making it a perfect substrate for all modern digital print machines and inks.



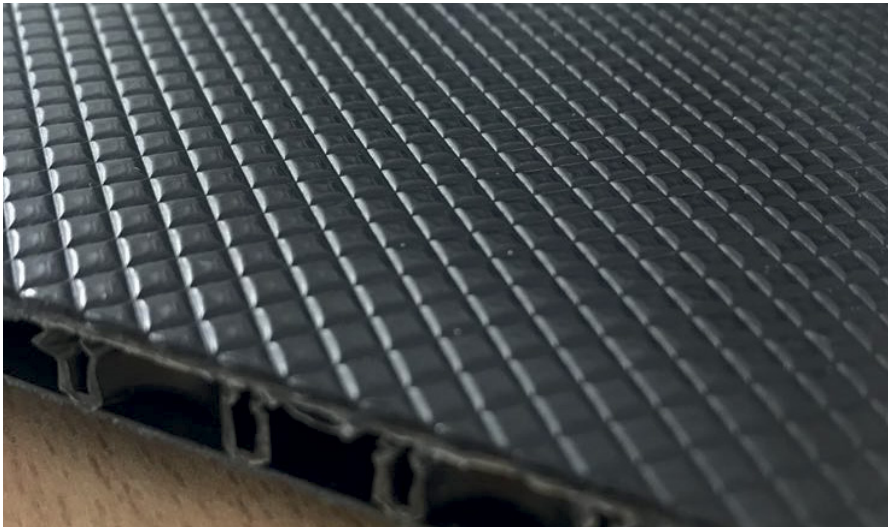
### Key Product Features:

- ✓ Excellent printability
- ↓ Flat smooth surface
- ✍ Light weight
- 100% Opaque
- 🔗 Rigid with Bi-directional strength
- 🍷 Meets FDA requirements for food safety
- ☀ UV protection
- 🔥 Flame retardant
- 🌱 Environmentally friendly
- ♻ 100% Recyclable PP
- 💧 Water resistant, rot and rust proof
- 🧪 Chemical, solvent, oil resistant
- 🔑 Scratch proof
- 🔨 High impact resistance

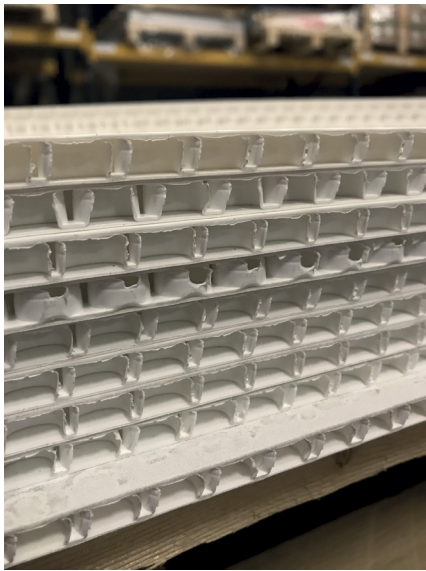
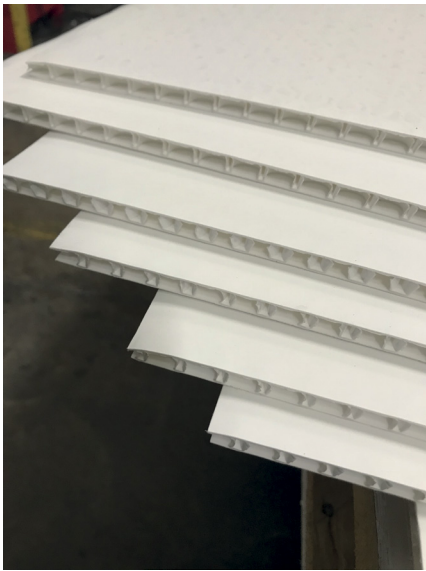
### Application:

- POS and POP displays
- Stadium and Arena signage
- Outdoor signage
- Printed Packaging
- Fleet / Van lining





ERP Code	Description	Thickness	Size (mm)	Colour / Finish
BGMTUVWH12208	Bubble Guard UV	8.0mm	2440 x 1220	White
BGMTUVWH12209.3	Bubble Guard UV	9.3mm	2440 x 1220	White
BGOPDKG4205305	Bubble Guard 1500gsm	4.0mm	3050 x 2050	Dark Grey Orange Peel
BGDBLK18503200	Bubble Guard 3000gsm	10mm	3200 x 1850	Black Diamond
BGSWH390012242440	Bubble Guard 900gsm	3.0mm	2440 x 1220	White Smooth White Bubble
BGSWH980315603050BC	Bubble Guard FR 980gsm	3.0mm	3050 x 1560	White Smooth Black Bubble
BGSWH5160012242440	Bubble Guard 1600gsm	5.0mm	2440 x 1220	White Smooth White Bubble
BGSWH5170015603050	Bubble Guard FR 1700gsm	5.0mm	3050 x 1560	White Smooth Black Bubble





PRODUCT GROUP: POLYPROPYLENE SHEET

## PP Foamed Sheet (PolyCraft®)

SUPPLIER: MAPAL PLASTICS



This foamed PP sheet is of particular interest to retail and other industries who are seeking to move away from PVC for the creation of signage, general display graphics and exhibition panels.

PolyCraft® is the perfect medium for printed signage and point-of-sale advertising materials. Although these specialized polypropylene sheets are just 2 or 3 millimeters (0.08' or 0.12') thick, they punch way above their weight and are super-light and robust, highly scratch-proof, resistant to heat and chemicals and 100% opaque.

PolyCraft® sheets are designed to meet the specific needs of high impact marketing materials such as printed exhibition boards, signs, POS and POP displays. Because of their high resistance to UV light, PolyCraft® sheets are ideally suited to outdoor advertising displays, performing much better than pvc sheets.

Sheets are manufactured with technologies and formulae that maintain the Corona treatment at a high level for at least one year under good storage conditions. Hewlett-Packard (HP) approves a number of its Indigo Printers for printing on these sheets.



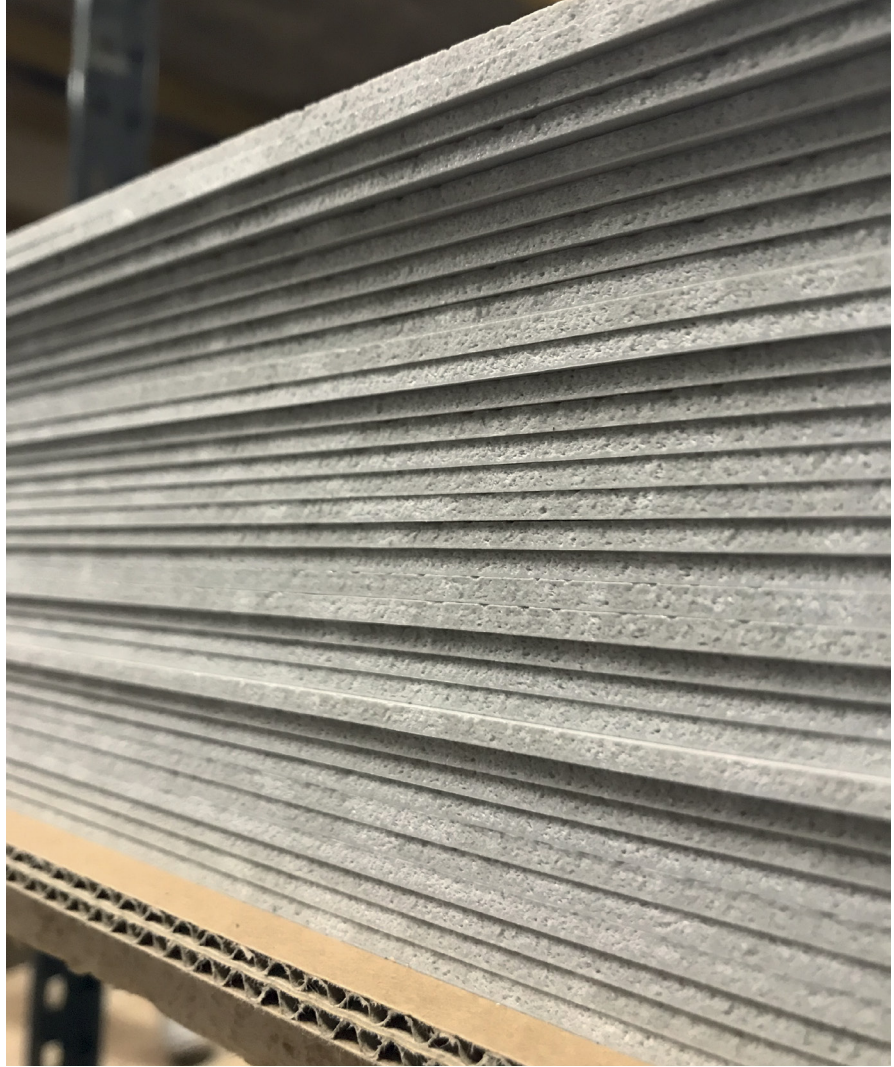
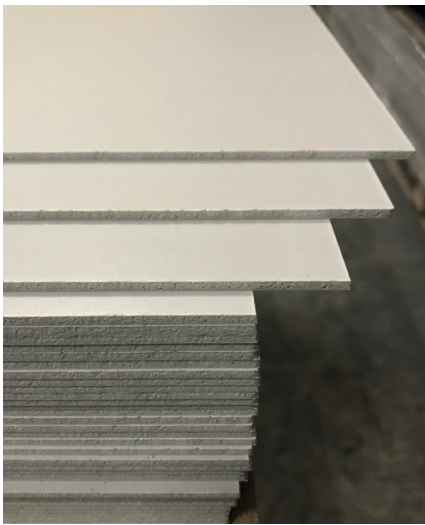
### Key Product Features:

- ✓ PVC alternative
- ✓ Excellent printability
- 💧 Excellent Ink key
- 🧱 100% Opaque
- ♻️ 100% Recyclable PP
- ⚡ Waterproof
- ☀️ UV resistant / Chemical resistant
- 🔑 Scratch proof
- 🔨 High impact resistance
- 🍃 Lightweight
- 🏠/🌳 Indoor or Outdoor

### Application:

- POS and POP displays
- Packaging, Labels, Flower Tags etc.
- Printed exhibition boards
- Marketing materials
- Calendars Maps etc.
- General signage





ERP Code	Description	Thickness	Size (mm)	Colour / Finish
GFFRS18122244	Polycraft 1080gsm	1.8mm	2440 x 1220	Grey Smooth
WFFRS18122244	Polycraft 1080gsm	1.8mm	2440 x 1220	White Smooth
YFFRS18122244	Polycraft 1080gsm	1.8mm	2440 x 1220	Yellow Smooth
GFFRS25122244	Polycraft 1500gsm	2.5mm	2440 x 1220	Grey Smooth
WFFRS25122244	Polycraft 1500gsm	2.5mm	2440 x 1220	White Smooth
GFFRS30122244	Polycraft 1800gsm	3.0mm	2440 x 1220	Grey Smooth
WFFRS30122244	Polycraft 1800gsm	3.0mm	2440 x 1220	White Smooth
GFFRS35122244	Polycraft 2100gsm	3.5mm	2440 x 1220	Grey Smooth
WFFRS35122244	Polycraft 2100gsm	3.5mm	2440 x 1220	White Smooth



# 5. PVC Foam Sheet



PRODUCT GROUP: PVC FOAM SHEET

# Free Foam PVC

SUPPLIER: BSMART



PVC foam is a compressed pvc sheet used in the sign making and display industries.

The Print Solutions brand of pvc free foam is called bsmart. The bsmart low density foam PVC now comes with improved whiteness and rigid surface finish. A pure white colour gives excellent print results and the super rigid surface gives the highest strength surface ratio. The product can be used for a variety of applications and is ideal for instant short term advertising campaigns.

The bsmart pvc foam range is referred to as 'PEARL' and within the pearl range, there are a series of finishes, each giving unique characteristics depending on the application required.

Light Pearl is a very low density free foam comparable to a PVC lined polystyrene foam centred product.

TRUE Pearl is a mid density product and comparable to many free foam products on the market.

HEAVY Pearl is a heavy density free foam.

RIGID Pearl is a mid density product with a harder surface and more suitable for digital printing.



## Key Product Features:

-  Lightweight
-  Stiffness and rigidity
-  Good printing surface
-  Super price point across all thickness levels
-  True quality with value for money delivery
-  Contains up to 25% less PVC than standard PVC's

## Application:

- Digital printing
- Displays (POS/POP)
- Signage
- Flat Applications
- Cut Letters
- Ideal for short and medium term advertising campaigns





ERP Code	Description	Thickness	Size (mm)
LWWH2122022500.33	LIGHT Pearl White	2.0mm	2250 x 1220
LWWH2122022500.33	LIGHT Pearl White	3.0mm	2250 x 1220
LWWH2122022500.33	LIGHT Pearl White	4.0mm	2250 x 1220
LWWH2122022500.33	LIGHT Pearl White	15.0mm	2200 x 1220
LWWH3122024400.4WL	TRUE Pearl White	3.0mm with liner	2440 x 1220
LWWH10122024400.4	TRUE Pearl White	10.0mm with liner	2440 x 1220
LWWH10122024400.4	TRUE Pearl White	15.0mm with liner	2440 x 1220
LWWH10122024400.4	TRUE Pearl White	19.0mm with liner	2440 x 1220
LWWH3205030500.5	HEAVY Pearl White	3.0mm 1 side liner	3050 x 2050
LWWH3205030500.5	HEAVY Pearl White	5.0mm 1 side liner	3050 x 2050
LWWH25122024400.45	HEAVY Pearl White	25.0mm	2440 x 1220
LWRF3122024400.0.5	RIGID Pearl White	3.0mm with liner	2440 x 1220
LWRF5122024400.0.4	RIGID Pearl White	5.0mm with liner	2440 x 1220
LWRF15122024400.15	RIGID Pearl White	15.0mm	2440 x 1220



PRODUCT GROUP: PVC FOAM SHEET

# Foamalite X-Press & Premium

SUPPLIER: FOAMALITE 3A



In 2012, the Irish brand Foamalite was bought by the giant German group 3A PolyCasa (now 3A Composites). Around this time Foamalite X-Press was launched, which has a lower density than Foamalite Premium and was a sheet optimised for digital printing. Thanks to its degree of whiteness, Foamalite X-Press ensures a very high fidelity of colours. Foamalite X-Press sheets feature blemish-free surfaces with a constant regular roughness that have been specially designed for impeccable adhesion of UV cured inks.

A favoured sheet within the digital print industry, FOAMALITE® PVC sheets represent a reliable selection of plastic sheets for a variety of applications in the field of visual communication. In structural applications such as substrate printing or used as creative, coloured or co-extruded robust sheets, FOAMALITE® does what it promises!

FOAMALITE® premium has a heavier density than Foamalite x-press. Its improved surface hardness and high durability makes it an excellent choice for long life outdoor applications. This product is also suitable for Digital printing. The tighter and denser closed cell centre makes it ideal for routing 3D letters with minimal sanding required.

A combination of lightness and good overall shape retention make FOAMALITE® premium the perfect display sheet for all structural applications. FOAMALITE® products are free from dangerous substances and fulfil the requirements of all RoHS / WEEE- directives and the EU chemical ordinance (REACH).

FOAMALITE® color completes the FOAMALITE® product range with a selection of nine vibrant colours. As the colouring of the rigid foam sheet is uniform throughout, it offers optimum colour consistency and guarantees the same colour effect when viewed from different angles.



## Key Product Features:

- ✓ Easy to use
- ≡ PE film on one side as standard
- ☞ Formability
- ⚡ Weather resistant
- 💧 Water Repellent
- ✂ Routing
- ✂ Construction (Premium)
- 🔥 Fire rating  
Din EN 1350-1: c-s3, d0

## Application:

- Digital printing
- Displays (POS/POP)
- Signage
- Flat Applications
- Cut Letters





ERP Code	Description	Thickness	Size (mm)
FFWH21220	Foamalite X-Press White	2.0mm	2440 x 1220
FFWH31220	Foamalite X-Press White	3.0mm	2440 x 1220
FFWH51220	Foamalite X-Press White	5.0mm	2440 x 1220
FFWH101220	Foamalite X-Press White	10.0mm	2440 x 1220
FML31560	Foamalite X-Press White	3.0mm	3050 x 1560
FFWH53050	Foamalite X-Press White	5.0mm	3050 x 1560
FFWH101560	Foamalite X-Press White	10.0mm	3050 x 1560
FMLP103050	Foamalite Plus Black core	10.0mm	3050 x 1560
FML3	Foamalite Black, Red, Green, Grey, Blue, Yellow	3.0mm	2440 x 1220
FML5	Foamalite Black, Red, Green, Grey, Blue, Yellow	5.0mm	2440 x 1220

PRODUCT GROUP: PVC FOAM SHEET

# Palboard

SUPPLIER: PALRAM



**PALBOARD is a whole new breed of multi-layer PVC sheet for digital and screen printing applications.**

PALBOARD is a hybrid version of Palram's solid PVC and foam PVC. This new breed of multi-layer PVC combines the extra-tough surface quality of solid PVC with the lightweight, easy-to-use characteristics of a foam PVC core made from recycled PVC. This marks a significant step toward Palram's overarching goal to improve sustainability and reduce plastic waste. PALBOARD has an ultra-smooth surface that offers excellent ink-adhesion for digital and screen printing applications. It's easy to fabricate, can be cold-bent with a v-groove cut, and provides good mechanical strength and excellent chemical resistance. This makes it ideal for a wide variety of interior sign, display, or other applications.

PALBOARD combines scratch & impact resistant solid PVC surfaces together with a light-weight foamed PVC core. Bright white, ultra smooth surface prints, it cuts & fabricates beautifully. PALBOARD is one of the many products that Palram offers across the PVC market segment.

PALBOARD has been developed with important feedback from some of the world's most advanced digital flatbed printer manufacturers, such as Canon/Océ, swissQprint, and Mutoh

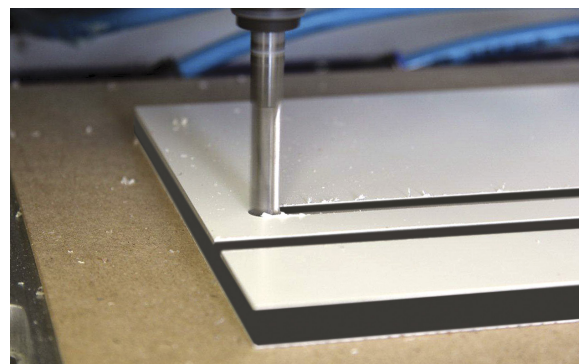


## Key Product Features:

- ✓ Hard, ultra-smooth surface with excellent ink adhesion
- ♻️ Recycled lightweight foamed PVC core
- 🔨 High structural strength with a relatively low weight
- 🧪 Excellent chemical resistance
- 🔥 Fire resistance
- 🔧 Easy to fabricate and thermoform
- 🏗️ Good adhesion capabilities
- ⚡ Good electrical and thermal insulation

## Application:

- Digital and screen printing
- P-O-P displays
- Exhibits and kiosks
- Industrial and construction signs
- Fabricated and structural parts







ERP Code	Description	Thickness	Size (mm)
FFPBWWH31220	Palboard PVC White, Black core	3.0mm	2440 x 1220
FFPBWWH51220	Palboard PVC White, Black core	5.0mm	2440 x 1220
FFPBWWH101220	Palboard PVC White, Black core	10.0mm	2440 x 1220



PRODUCT GROUP: PVC FOAM SHEET

# Palfoam

SUPPLIER: PALRAM



Palram has been producing PVC products since 1963 and is proud of its reputation as a global leader in this sector. Based on the knowledge and expertise accumulated during this time, Palram developed a line of products to meet a variety of application needs and budgets. PALIGHT foamed PVC sheets (also known as cellular PVC) are significantly lighter and more cost-effective than other options such as solid PVC sheets. They also offer excellent rigidity and performance. PALIGHT and PALFOAM are some of the many products that Palram has developed for the evolving and diversifying print, display, and fabrication market.

PALFOAM offers easy-to-handle foamed PVC in a cost-efficient version. Its bright, consistent and smooth surface provides a good background for printing and laminating in high quality stands and displays.

PALFOAM is flexible, versatile and extremely convenient to work with, cut and fabricate using conventional tools and equipment. Like other PVC sheets, due to the chemical make up of Palfoam PVC, the sheets are generally not recommended for use with acetone, ketones, ethers, and aromatic and chlorinated hydrocarbons.

PALFOAM is part of a family of pvc sheets from supplier Palram that include:-

PALIGHT - Flat foamed PVC sheet with matte finish, available in a wide range of standard and special thicknesses and designer colors.

PALFOAM - Cost-effective, white only, light weight flat foamed PVC sheet.

PALIGHT Print - Flat foamed PVC sheet made specifically to cost effectively meet the stringent requirements of large format print imaging industry.

PALFOAM LW - Low weight, white only, flat foamed PVC sheet for general purposes.

## Key Product Features:

- € Cost-efficient
- ✍️ Lighter than standard foam PVC sheet
- ☀️ Bright, smooth and uniform surface
- 📦 High insulation
- ✓ Easily worked with conventional tools, prints and paints
- 🔩 Easily bonded, nailed and bolted
- 🧪 High chemical resistance
- 💧 Low water absorption
- 🌱 Non-toxic

## Application:

- Portable displays
- Point-Of-Purchase (P.O.P) displays
- Signs
- Interior decoration
- Exhibition boards





ERP Code	Description	Thickness	Size (mm)
FFPLWWH31220	Palfoam LW White	3.0mm	2440 x 1220
FFPLWWH51220	Palfoam LW White	5.0mm	2440 x 1220
FFPLWWH101220	Palfoam LW White	10.0mm	2440 x 1220
FFPLWWH31560	Palfoam LW White	3.0mm	3050 x 1560
FFPLWWH51560	Palfoam LW White	5.0mm	3050 x 1560

PRODUCT GROUP: PVC

# Pentaprint Thin PVC Films

SUPPLIER: Bilcare



**Bilcare Research offers a wide range of rigid PVC films for high end printing and attention-grabbing decorating applications. Our range includes:-**

OPAQUE PVC FILMS for posters, banners, thermoformed decoration articles, wobblers, shelf talkers, labels and (in translucent) lightboxes.

CLEAR FILMS for shelf talkers, mousepads, and antireflective POS products.

Most products comply with the guideline 94/62 EC ("Packaging and Packaging waste") and are suitable for direct contact with foodstuffs. Print films from Bilcare Research are free of polycyclic aromatic hydrocarbons, phosphorus, phthalates, cadmium and lead stabilizers.

**Bilcare print films show advantages in:**

- Fire behaviour as PVC is self extinguishing outside the flame.
- Perfect printability thanks to the outstanding and consistent surface quality.

## Key Product Features:

- Outstanding processability
- High chemical resistance
- Fire resistant
- Recyclable
- Die cutting, folding, bending and cutting
- Thermoforming, embossing and gluing
- Printability
- Thermoforming
- Welding

## Application:

- Posters
- Banners
- Lightboxes & Backlit Poster Inserts
- Displays
- Globes & Maps
- Signs & Point of Sale Displays
- Labels & Pricetags
- Mouse Pads & Coasters
- Calendars
- Lamination

**Bilcare**  
*Research*





ERP Code	Description	Thickness	Size (mm)
CLPV2201040	Pentaprint Clear Gloss	220um	1040 x 1550
CLPV4401040	Pentaprint Clear Gloss	400um	1040 x 1550
CLPV6501040	Pentaprint Clear Gloss	600um	1040 x 1550
WHPV2201040	Pentaprint White Gloss	220um	1040 x 1550
WHPV4401040	Pentaprint White Gloss	400um	1040 x 1550
WHPV6501040	Pentaprint White Gloss	600um	1040 x 1550
CLMPV2201040	Pentaprint Clear Matt	220um	1040 x 1550
CLMPV4401040	Pentaprint Clear Matt	400um	1040 x 1550
CLMPV6501040	Pentaprint Clear Matt	600um	1040 x 1550
WHMPV2201040	Pentaprint White Matt	220um	1040 x 1550
WHMPV4401040	Pentaprint White Matt	400um	1040 x 1550
WHMPV6501040	Pentaprint White Matt	600um	1040 x 1550
WHMPV11040	Pentaprint White Matt	900um	1040 x 1550

**REACH Regulation:** All substances used in the production of our films have been pre-registered according to REACH legislation. PVC films only contain 43% crude oil and support the protection of our finite resources.



# 6. Polycarbonate Sheet



PRODUCT GROUP: POLYCARBONATE SHEET

# Polycarbonate Sheet

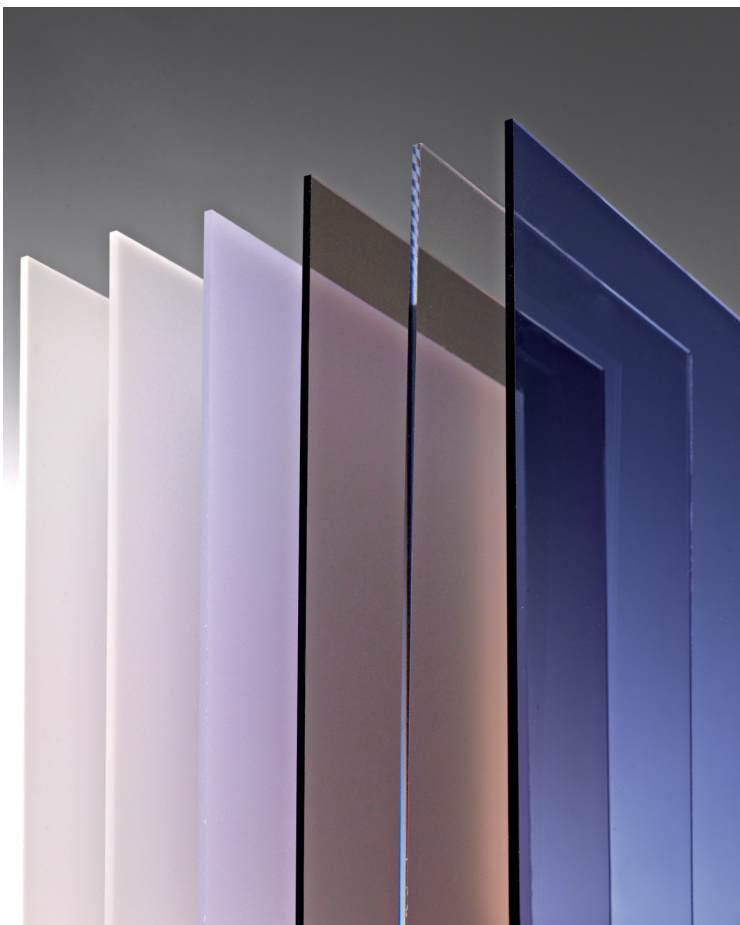
SUPPLIER: 3A COMPOSITES, PALRAM, ARLAPLAST

**Polycarbonate solid sheet is a clear plastic sheet like glass but is only half the weight at the same thickness and up to 200 times stronger. It is referred to in the industry as 'virtually unbreakable'.**

The material is typically specified where impact resistant is required and due to its strength, it is used extensively for safety applications including machine guards, security glazing, police riot shields, sports applications (pitch dug outs and ice hockey rinks), decorative lighting, screen partitions and in general signage.

Polycarbonate offers high clarity and optical performance for applications where good visibility is important. UV grade polycarbonate has excellent weathering properties and is used extensively for outdoor applications like roofing, canopies and patio covers.

Polycarbonate has excellent temperature performance and mechanical properties and is self extinguishing. It carries a European Fire classification (Europe EN 13501-1)



## Key Product Features:

-  Virtually unbreakable in normal use
-  Excellent optical properties
-  Formability, also easy to fabricate
-  Good temperature performance
-  Fire resistance
-  Half the weight of glass
-  Recycling 100%
-  Water Repellent
-  Can be cut and drilled

## Application:

- Security Glazing / Machine guards
- Anti-vandal screens
- Stained glass protection (church windows etc.)
- Dug Outs, Shelters etc.
- Visors / shields
- General signage

**3A**  
COMPOSITES

**PALRAM**

**arla**





ERP Code	Description	Thickness	Size (mm)
PCCUV2230502050	Polycarbonate UV Clear	2mm	3050 x 2050
PCCUV2330502050	Polycarbonate UV Clear	3mm	3050 x 2050
PCCUV2430502050	Polycarbonate UV Clear	4mm	3050 x 2050
PCCUV2530502050	Polycarbonate UV Clear	5mm	3050 x 2050
PCCUV2630502050	Polycarbonate UV Clear	6mm	3050 x 2050
PCCUV2830502050	Polycarbonate UV Clear	8mm	3050 x 2050
PCCUV21030502050	Polycarbonate UV Clear	10mm	3050 x 2050
PCCUV21230502050	Polycarbonate UV Clear	12mm	3050 x 2050
PCCUV2325001250	Polycarbonate UV Clear	3mm	2500 x 1250
PCCUV2425001250	Polycarbonate UV Clear	4mm	2500 x 1250
PCCUV2625001250	Polycarbonate UV Clear	6mm	2500 x 1250



PRODUCT GROUP: POLYCARBONATE SHEET

# Polycarbonate Variants

SUPPLIER: 3A COMPOSITES, PALRAM, ARLAPLAST








Through our global suppliers, Print Solutions can offer various polycarbonate sheet materials depending on specific requirements. All of these sheets carry the same properties as normal polycarbonate but with the added benefit of improved performance, strength or surface finish.

Prismatic (diffusion effect), Textured (obscure effect) and Impala (water effect) are examples of alternative surface decoration available from supplier 3A Composites. Additional Hardcoat finish is also available from some suppliers which gives an extra mar resistant layer to the sheet. PALSHIELD ballistic polycarbonate product line is available from PALRAM with different levels of ballistics and forced-entry protection to meet a variety of application needs. Due to their layered, laminated structure, PALSHIELD sheets can withstand both physical attacks and multi-shot ballistic assaults by absorbing impact energy without shattering or spalling.

Bronze tint effect polycarbonate is popular for outdoor sports dug outs and marine glazing, where it reduces glare. Opal polycarbonate is a white translucent option used in lighting and signage. Generally, polycarbonate variants are subject to minimum order quantities but it is possible to secure smaller quantities based on several factors e.g. timing of production runs, surplus stock at supplier, adding smaller quantities to existing shipments etc.

Our expert sales team bring a combined knowledge of many decades working in the Industrial plastic sector. This combined with expert technical support from our global suppliers ensures that Print Solutions are leading the way in the provision of polycarbonate materials on numerous large scale commercial and industrial projects throughout Ireland.

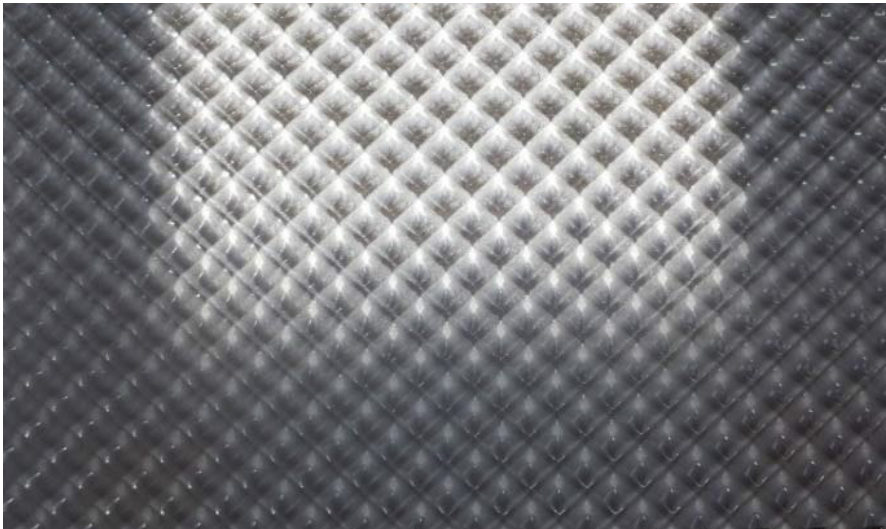
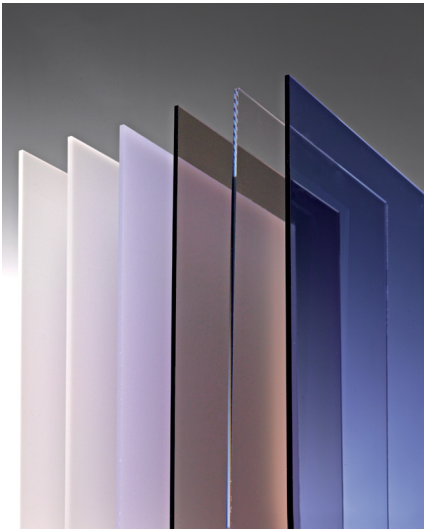
## Key Product Features:

-  Virtually unbreakable in normal use
-  Excellent optical properties
-  Formability
-  Easy to fabricate
-  Good temperature performance
-  Fire resistance
-  Half the weight of glass

## Application:

- Security glazing
- Marine applications
- Commercial / Industrial
- Protective screens





ERP Code	Description	Thickness	Size (mm)
PCBUV430502050	Polycarbonate UV Bronze	4mm	3050 x 2050
PCBUV2530502050	Polycarbonate UV Bronze	5mm	3050 x 2050
PCOUV23050205039	Polycarbonate UV Opal (Light transmission 39%)	2mm	3050 x 2050
PCOUV33050205028	Polycarbonate UV Opal (Light transmission 28%)	3mm	3050 x 2050
PCOUV53050205028	Polycarbonate UV Opal (Light transmission 28%)	5mm	3050 x 2050
PCCTEXUV2330502050	Polycarbonate UV Textured	3.0mm	3050 x 2050
PCCTEXUV2330502050	Polycarbonate UV Textured	4.0mm	3050 x 2050
PCCUVPRIS321001300	Prismatic	3.0mm	2100x1300

PRODUCT GROUP: POLYCARBONATE SHEET

# Polycarbonate Multiwall

SUPPLIER: 3A COMPOSITES









Multiwall is a structured polycarbonate sheet used for both indoor and outdoor applications and extensively in outdoor roofing. The sheet is extremely lightweight but very strong, due to its internal hollow structure, which allows for ease of handling in larger sheet sizes. This hollow structure also gives the sheet excellent insulation properties and against heat and cold. The material has a long working life and carries a 10 year warranty against yellowing.

Multiwall polycarbonate is stocked in large sheet sizes of 7mtrs long x 2.1mtrs wide (7000 x 2100mm) which can be cut down to any size and shipped Nationwide. The sheet has a visible rib running along the length, formed by the internal wall structure as it meets the outside of the sheet. Generally, this rib is placed running down the slope or 'fall' of the roof. This placement provides the optimal positioning to allow any condensation build up in the sheet to be vented downwards.

At Print Solutions, we provide a full range of fixing accessories, allowing Multiwall panels to be fitted and secured onto wooden or metal rafters. It allows a complete roof system (everything above the rafters) to be ordered through our web site or office.

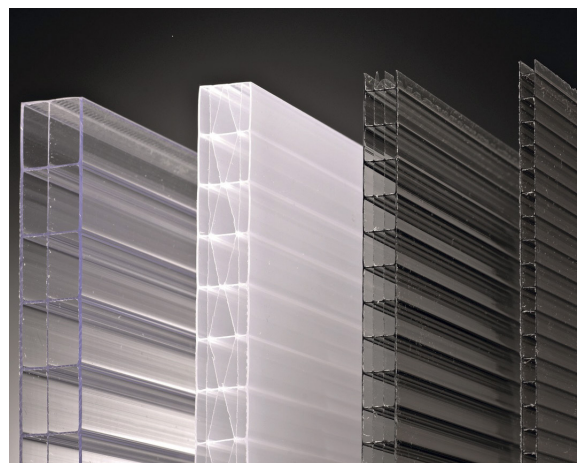


## Key Product Features:

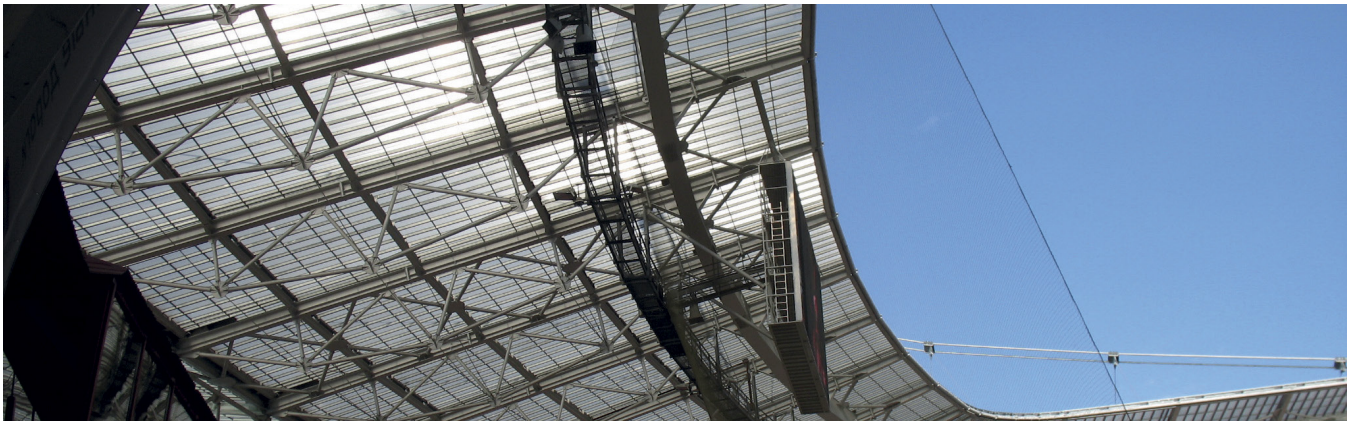
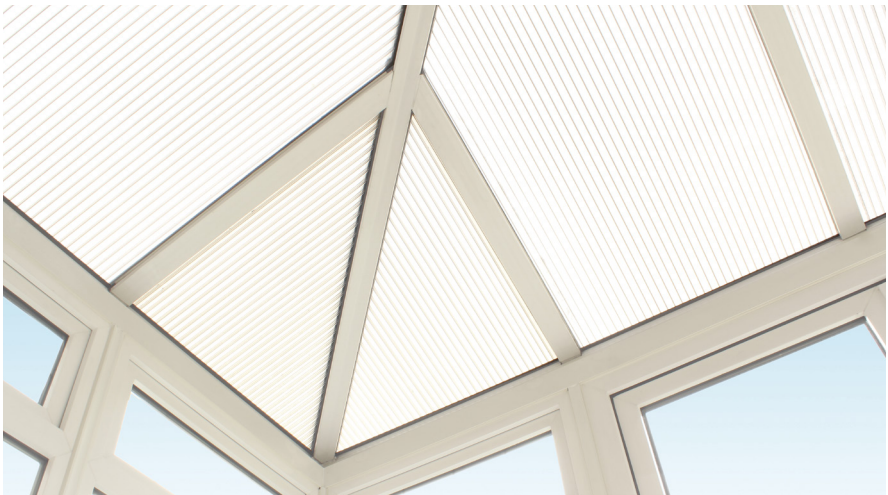
-  Lightweight
-  Strength / impact resistance
-  UV weatherability 10 year limited warranty
-  High heat and sound insulation
-  Excellent light transmission (up to 86%)
-  Temperature resistant from -40°C to +130°C
-  High resistance to mechanical loading
-  Fire resistant

## Application:

- Roofing applications
- Glazing / roof lights
- Partitions / cladding







ERP Code	Description	Thickness	Size (mm)
MWPOLYG10CL72.1	Multiwall SPC Clear ribbed	10mm (Twinwall)	7000 x 2100
MWPOLYG16CL72.1	Multiwall SPC Clear ribbed	16mm (Triplewall)	7000 x 2100
MWPOLYGTH25CL72.1	Multiwall SPC Clear ribbed	25mm (Five wall)	7000 x 2100
MWPOLYG16BR72.1	Multiwall SPC Bronze ribbed	16mm (Triplewall)	7000 x 2100
MWPOLYG16OP72.1	Multiwall SPC Opal ribbed	16mm (Triplewall)	7000 x 2100



# 7. Acrylic Perspex<sup>®</sup> Sheet



PRODUCT GROUP: ACRYLIC PERSPEX®

# Acrylic (Perspex®) Sheet Extruded & Cast

SUPPLIER: 3A COMPOSITES CRYLON / CRYLUX & PALRAM PALGLAS®

Acrylic is a clear plastic sheet like glass, made from synthetic resin Polymethyl methacrylate or PMMA. While not as strong as Polycarbonate (200 times stronger than glass), it remains a robust plastic material 60 times stronger than glass and only half the weight at the same thickness.

Due to its excellent optical clarity, Acrylic glass is used extensively in glazing applications, as well as signage and POS displays.

3A Composites CRYLON® sheets are manufactured in compliance with ISO 7823-2 and produced according to DIN EN ISO 7823-2, containing no toxic materials or heavy metals, that may cause environmental damage or health risks. The sheets are also certified as food safe.

Whether cutting, machining, bending or finishing, PALGLAS® acrylic sheets are fabrication-friendly. So with only a few tools, you can use the material with a dozen different methods to achieve a finished display product.

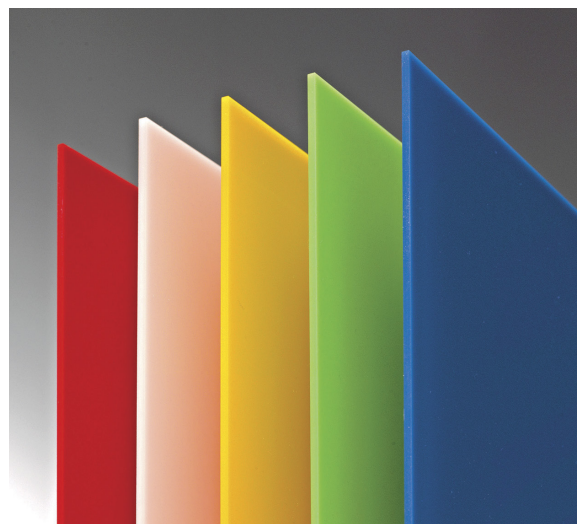


## Key Product Features:

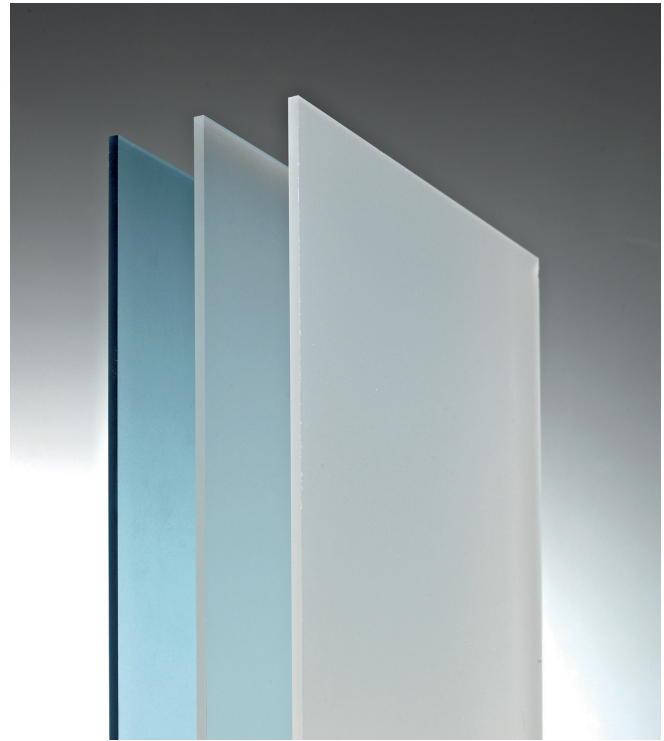
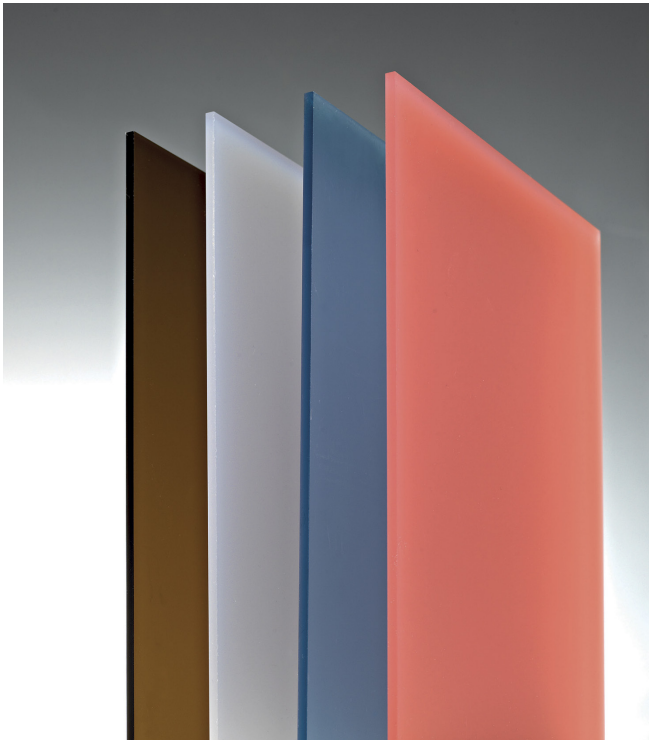
-  Food contact approved
-  Excellent optics and clarity
-  Hard wearing
-  Weather resistant
-  Lightweight
-  Stiffness and rigidity
-  UV resistant

## Application:

- Acoustic barriers
- Commercial / Industrial glazing
- POS / POP displays
- Signage and channel letters
- Interior design







ERP Code	Description	Thickness	Size (mm)
EAC20030502050	Extruded Acrylic Clear UV	2.0mm	3050 x 2050
EAC28530502050	Extruded Acrylic Clear UV	2.85mm	3050 x 2050
EAC48030502050	Extruded Acrylic Clear UV	4.70mm	3050 x 2050
EAC100030502050	Extruded Acrylic Clear UV	10.0mm	3050 x 2050
EAC200030502050	Extruded Acrylic Clear UV	20.0mm	3050 x 2050

ERP Code	Description	Thickness	Size (mm)
CAC30030502050	Cast Acrylic Clear UV	3.0mm	3050 x 2030
CAC40030502050	Cast Acrylic Clear UV	4.0mm	3050 x 2030
CAC50030502050	Cast Acrylic Clear UV	5.0mm	3050 x 2030
CAC80030502030	Cast Acrylic Clear UV	8.0mm	3050 x 2030
CAC100030502030	Cast Acrylic Clear UV	10.0mm	3050 x 2030
CAC150030502030	Cast Acrylic Clear UV	15.0mm	3050 x 2030

# 8. Polyester Sheet



PRODUCT GROUP: POLYESTER SHEET

# Polyester sheet

SUPPLIER: 3A COMPOSITES

Polyester sheets from supplier 3A Composites, called **LUMEX® A** and **LUMEX® G**, are flawlessly extruded APET and PET-G thermoplastic polyester sheets. They stand out particularly in the transparent plastics sector because they are fire rated "difficult-to-ignite".

APET and PET-G are both clear polyester sheets, the 'G' in PET-G (**LUMEX® G**) denotes the inclusion of Gylcol in the extrusion process, making this sheet more subtle and particularly suited to bending and thermoforming.

**HIPEX® G** is the best choice for thermoforming and hot line bending applications. The sheets are suitable for use in the food industry and show good impact resistance. The Prismatic, Haircell and Impala structures are further options.

Especially for applications in the field of vacuum forming and thermoforming, HIPEX® G sheets are the best choice as they don't crystalize and can be processed without pre-drying (time and energy saving). Thanks to its easy formability, the material offers designers and fabricators various possibilities, from simple shapes to complex constructions.

The sheets are available with or without UV protection and in addition to the clear and opal white versions also in a variety of colours and design patterns. (Minimum Order Quantities apply).

**HIPEX® A** is ideally suited to flat and curved applications. The sheets have very good printability with UV-resistant inks, are very flame-retardant and are suitable for use in the food industry. HIPEX® A is also extremely impact resistant even at sub-zero temperatures and shows excellent weather-resistance.



## Key Product Features:

- ✓ Easy to process
- 🍷 Food contact approved
- 📄 Formability
- 🔨 Impact resistance
- 💡 Light transmission
- ☀️ UV resistant
- 🌡️ Wide service temperature

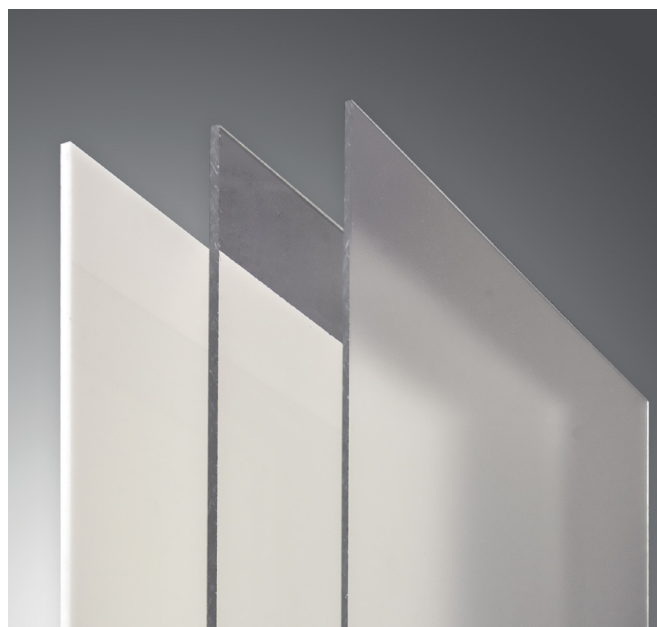
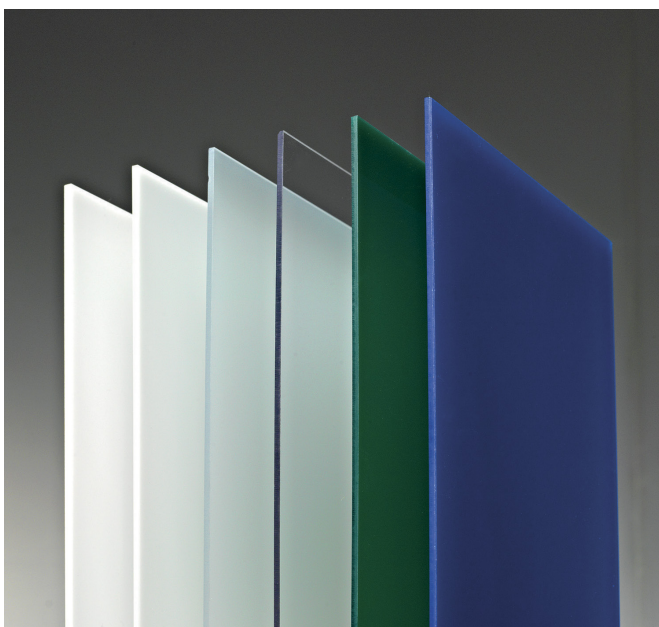
## Application:

- Decorative lighting
- Digital printing
- Displays (POS/POP)
- Exhibition design
- Glazing / roof lights
- Interior design
- Lettering
- Partitions / cladding
- Screen printing
- Shop design / shop fitting
- Signage

## CERTIFICATE







ERP Code	Description	Thickness	Size (mm)
PEP1025001250	PETG Clear	1.0mm	2500 x 1250
PEP1020501250	PETG Clear Non Glare	1.0mm	2050 x 1250
PEP2030502050	PETG Clear	2.0mm	3050 x 2050
PEPO2030502050	PETG Opal	2.0mm	3050 x 2050
PEP2030502050	PETG Clear	3.0mm	3050 x 2050
PEP4030502050	PETG Clear	4.0mm	3050 x 2050
PEA3030502050	APET Clear	3.0mm	3050 x 2050

# 9. Cladding and Roofing



PRODUCT GROUP: CLADDING

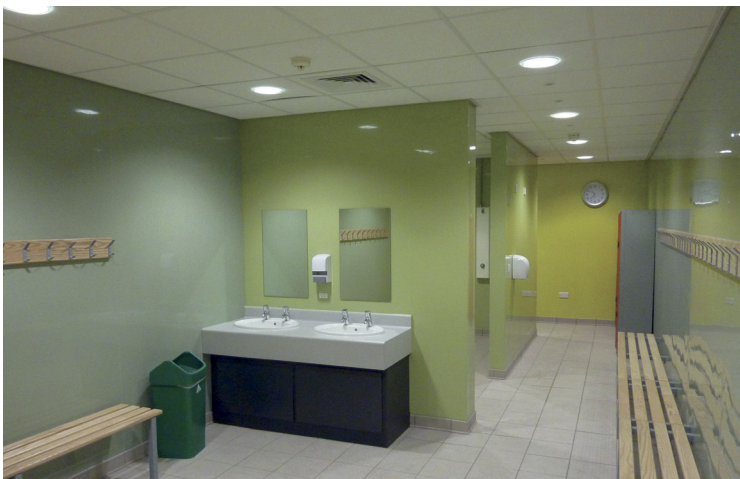
# PALCLAD™ PRO Hygienic Wall Cladding

SUPPLIER: PALRAM



PALCLAD Pro is a cladding system made up of solid PVC panels and various installation accessories that ensure a clean, professional installation. The PALCLAD Pro system provides many mechanical benefits that simplify cleaning & maintenance and enhance long-term aesthetics, including exceptional resistance to impact, chemical substances, moisture, stains, and spills.

PALCLAD Pro panels can be easily cut, formed and fabricated onsite while keeping their original physical properties intact. If you're interested in adding more creativity to your project, PALCLAD Pro is also an excellent substrate for digital printing. So it can be used to create decorative wall coverings that are attractive, elegant and visually appealing. PALCLAD Pro is one of the many products that Palram offers for this market segment.



## Key Product Features:

-  Complete cladding solution with color-matched installation profiles or welding rods available
-  Multiple colors & surfaces for a variety of design possibilities
-  Excellent for environments with high sanitation requirements
-  Withstands repeated cleaning cycles
-  High impact strength and fire resistance
-  Available with HYG additives for active antimicrobial protection
-  Non-toxic

## Application:

- Public facilities: schools, restrooms, airports, public transportation facilities
- Food industry: food plants, food preparation areas, sorting halls, storage/refrigeration rooms
- Healthcare: sterile/clean rooms, hospitals, clinics, pharmaceutical plants
- Agriculture: livestock and dairy farms, egg sorting halls, storage rooms, refrigeration facilities







The PALCLAD Pro wall cladding system provides a practical, cost-efficient and comprehensive solution for maintaining a clean and safe environment. Large areas can be easily covered with the PALCLAD Pro system, which has been used worldwide to create areas that have high resistance to fire and chemicals in hospitals, pharmaceutical plants, restaurants, and more.

The system consists of flat opaque PVC panels, and fastening profiles and welding rods in matching colors. A wide range of colors and surface textures enables design versatility, and the system's durability ensures long-term resistance to repetitive cleaning routines.

## System and Accessories

Part	Drawing	Package / Size
PVC H Section Profile White Base + Colored Cap		3m
PVC J Section Profile White Base + Colored Cap		3m
PVC Inner Corner Profile		3m
PVC External Corner Profile		3m
Colored PVC Welding Rod		50m Roll
Colored Silicone		Tubes
Glue (2 components)		6.5 kg

Dimensions	
Thickness	Width x Length
2.5 mm	1220 x 3050
2.5 mm	1220 x 2440

Custom Thicknesses and sizes are available upon request, subject to MOQ and production lead times. Maximum sheet width up to 1500mm available upon request.

PRODUCT GROUP: CLADDING

# JEMICLAD Wall Cladding™

SUPPLIER: JEMIC



With 30 years of experience in the supply and installation of over 1 million square metres of hygienic cladding, Jemic has a wealth of expertise and knowledge of hygienic and highly demanding environments.

Jemiclad is available across Ireland, the UK and internationally and is perfect for restaurants and fast food outlets, hospitals and other medical settings, care homes, gyms, schools and other hygienic environments.

Jemiclad is an effective wall covering where hygiene or ease of cleaning is paramount. It is manufactured from the highest quality PVCu resin, without fillers, so it is 100% recyclable and has a Class 0 fire rating.

The cladding sheets are very easy to handle and cut. The excellent bonding results allow for fast and efficient installation, and they can be hot welded superbly and thermoformed (with the exception of the slightly thinner Sureclad panel).

## PhotoJemic






A new and exciting service available with Jemiclad sheets, is the ability to order finished printed sheets. These printed cladding sheets offer a stunning visual effect while retaining their practical purpose. Images can be themed to suit your requirements, providing a workable advertising space or simply enhancing and transforming existing internal walls, foyers, rooms and corridors.

The Photojemic service is reserved for larger project applications where Minimum Order Quantities (MOQ) apply. Please contact our sales team for more information.

# Jemiclad



## Key Product Features:

-  100% recyclable
-  Class O Fire rating
-  Flatbed Printable (Subject to MOQ)
-  Excellent adhesion qualities
-  Range of colours
-  Trims in same colour

## Range includes:

### Jemiclad Supreme

2.5mm subtle coloured gloss finished panels, practical in a variety of environments

### Jemiclad Pro

2.5mm subtle coloured satin finished panels, ideal for the healthcare industry

### Jemiclad Earth

2.5mm panels that create a high sanitation environment. Versatile and in a broad range of colours

### Jemiclad Ablaze

2.5mm panels that are very similar to Supreme range but available in bold colours

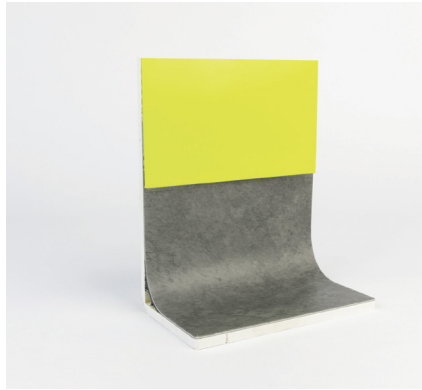
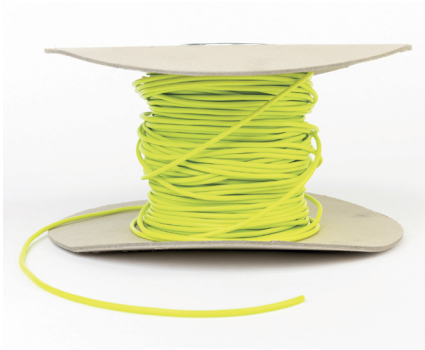
### Jemiclad Specialist

2.5mm speciality sheets including low smoke and antimicrobial panel with silver ion technology, killing 99.9% of most superbugs known to man!

### Jemiclad Sureclad

A system created for the catering and back of house environments.





ERP Code	Description	Thickness	Size (mm)
JCPRO2500122025WS	Jemiclad Pro White Satin	2.5mm	2500 x 1220
JCPRO3000122025WS	Jemiclad Pro White Satin	2.5mm	3000 x 1220
JCSC250012202WS	Jemiclad Sure Clad White Satin	2.0mm	2500 x 1220
JCSC300012202WS	Jemiclad Sure Clad White Satin	2.0mm	3000 x 1220
JCPD2500122025W	Jemiclad Protect And Defend White	2.5mm	2500 x 1220
JCPD3000122025W	Jemiclad Protect And Defend White	2.5mm	3000 x 1220
JCA2500122025Y	Jemiclad Ablaze Yellow	2.5mm	2500 x 1220
JCA3000122025Y	Jemiclad Ablaze Yellow	2.5mm	3000 x 1220
JCA2500122025R	Jemiclad Ablaze Bright Red	2.5mm	2500 x 1220
JCA3000122025R	Jemiclad Ablaze Bright Red	2.5mm	3000 x 1220
JCA2500122025B	Jemiclad Ablaze Royal Blue	2.5mm	2500 x 1220
JCA3000122025B	Jemiclad Ablaze Royal Blue	2.5mm	3000 x 1220
JCA2500122025W	Jemiclad Supreme White	2.5mm	2500 x 1200
JCA2500122025LG	Jemiclad Supreme Light Grey	2.5mm	2500 x 1200
JCA2500122025OW	Jemiclad Supreme Oyster White	2.5mm	2500 x 1200



PRODUCT GROUP: CLADDING

# KOMASTYLE Decorative Wall Cladding

SUPPLIER: KÖMMERLING



**KOMASTYLE is the ideal wall cladding system for the renovation and modernisation of wet rooms.**

This smooth, continuous wall cladding presents a convincing look of e.g. plain colours or deceptively real woodgrain and stone decors. KÖMASTYLE is your solution for concealing, for instance, "rundown" wall areas and partial old tiling (e.g. in bathrooms). Processed with ease, it provides a quick, clean, functional, and visually appealing upgrade to separate functional areas and even entire rooms.

This product is growing in popularity with Gyms, Hotels, Clinics and Commercial premises etc. as it provides both functional cladding properties, combined with decorative application.

Coming with 19 timeless decors and 6 plain colours, KÖMASTYLE sets decorative highlights. Thanks to the outstanding surface properties of its pore free sheets, this system presents little opportunity for limescale, dirt, and soap residue to find a stubborn hold.

The great advantage of KÖMASTYLE lies in the simple processing of its material. The sheets can be adapted to the structural conditions with conventional tools (saws, drills, grinders). The designer sheets are applied with bonding adhesive directly to a suitable substrate such as tiles or plaster. Unsightly or damaged areas transform instantly into decorative, maintenance free wall areas.

## Key Product Features:

-  Appealing plain colours, woodgrain effect and stone decors available
-  Resistant to moisture
-  Chemical resistant
-  Light resistant
-  Heat resistant
-  Impact, scratch, and abrasion resistant
-  Easy to clean

## Application:

- Wall cladding in sanitary areas, shower backwalls, etc.
- Ready-made showers
- New interior designs: Hospitals, nursing homes, medical practices, hotels, wellness areas, swimming baths
- Furniture making
- Vehicle fittings
- Aquarium claddings


**KÖMMERLING**




# KÖMASTYLE DECO

## Stone Decors



D31 Rusty Brown



D32 Concrete Light Grey



D33 Concrete Grey

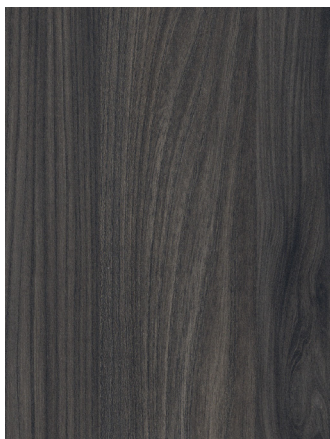


D80 Texture Vintage Brown

## Wood Decors



D01 Oak Rustic



D02 Old Oak

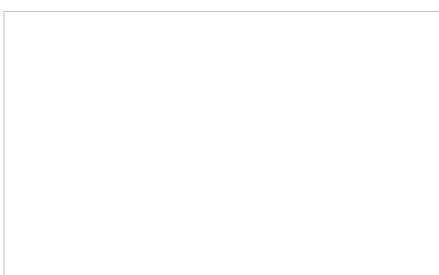


D03 Oak Vintage

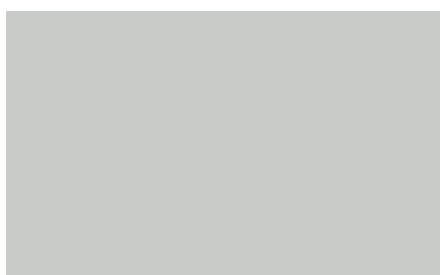


D04 Light Oak

# KÖMASTYLE UNI



Brilliant White



Light Grey



Dolphin Grey



Chocolate



Cappuccino



Bamboo

PRODUCT GROUP: ROOFING

# Polycarbonate Multiwall

SUPPLIER: 3A COMPOSITES



Multiwall is a structured polycarbonate sheet used for both indoor and outdoor applications and extensively in outdoor roofing. The sheet is extremely lightweight but very strong, due to its internal hollow structure, which allows for ease of handling in larger sheet sizes. This hollow structure also gives the sheet excellent insulation properties and against heat and cold. The material has a long working life and carries a 10 year warranty against yellowing.

Multiwall polycarbonate is stocked in large sheet sizes of 7mtrs long x 2.1mtrs wide (7000 x 2100mm) which can be cut down to any size and shipped Nationwide. The sheet has a visible rib running along the length, formed by the internal wall structure as it meets the outside of the sheet. Generally, this rib is placed running down the slope or 'fall' of the roof. This placement provides the optimal positioning to allow any condensation build up in the sheet to be vented downwards.

At Print Solutions, we provide a full range of fixing accessories, allowing Multiwall panels to be fitted and secured onto wooden or metal rafters. It allows a complete roof system (everything above the rafters) to be ordered through our web site or office.



## Key Product Features:

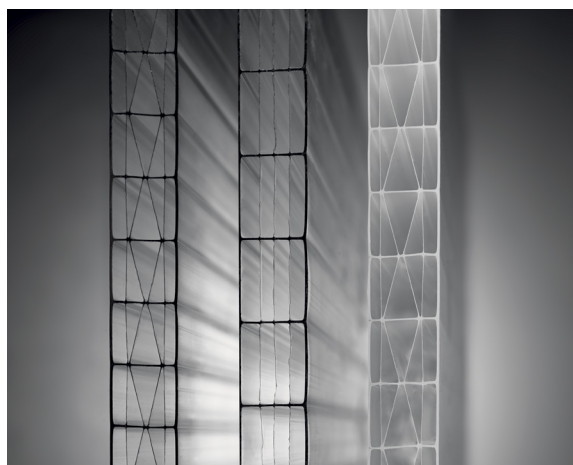
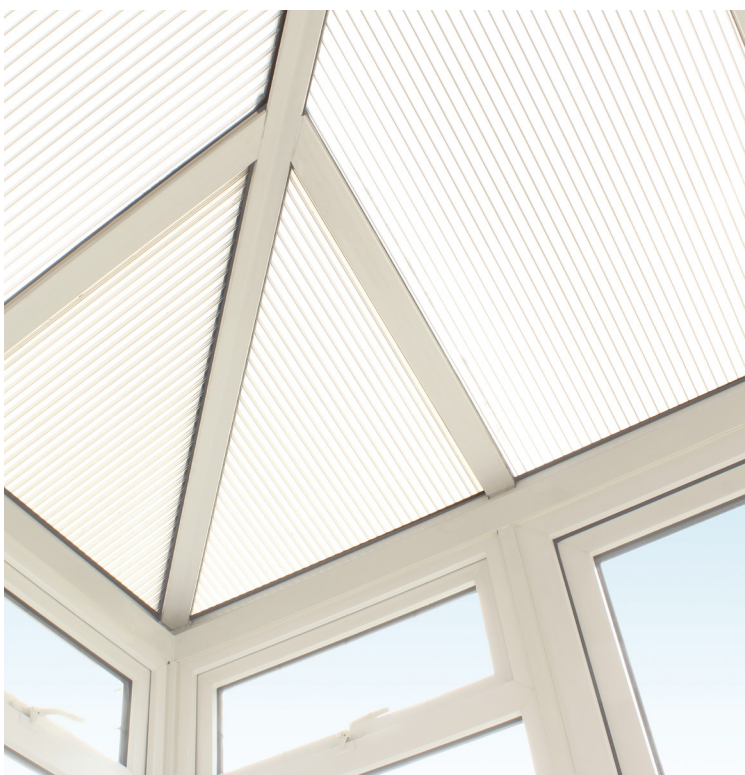
-  Lightweight
-  Strength / impact resistance
-  UV weatherability 10 year limited warranty
-  High heat and sound insulation
-  Excellent light transmission (up to 86%)
-  Temperature resistant from -40°C to +130°C
-  High resistance to mechanical loading
-  Fire resistant

## Application:

- Roofing applications
- Glazing / roof lights
- Partitions / cladding







ERP Code	Description	Thickness	Size (mm)
MWPOLYG10CL72.1	Multiwall SPC Clear ribbed	10mm (Twinwall)	7000 x 2100
MWPOLYG16CL72.1	Multiwall SPC Clear ribbed	16mm (Triplewall)	7000 x 2100
MWPOLYGTH25CL72.1	Multiwall SPC Clear ribbed	25mm (Five wall)	7000 x 2100
MWPOLYG16BR72.1	Multiwall SPC Bronze ribbed	16mm (Triplewall)	7000 x 2100
MWPOLYG16OP72.1	Multiwall SPC Opal ribbed	16mm (Triplewall)	7000 x 2100

#### CERTIFICATIONS\*



KPF Erkelenz tested

\* Sheets are manufactured according to EN 16153:2013

#### TECHNICAL APPROVALS

Avis Technique

Aprobata Techniczna

General building authority approval 4 – 10 mm

#### COUNTRY

France

Poland

Germany

PRODUCT GROUP: ROOFING

# Fixing Accessories & Profiles

SUPPLIER: EXITEX

EXITEX is an Irish supplier based in Dundalk, Co Louth. They provide a comprehensive range of fixing accessories and profiles for securing roof sheeting in place. Our range of fixing profiles includes PVC end strips, known as 'U' profiles or Roof Sheet Closures (RSC), which are available in White or Brown finish and in thicknesses matching the Multiwall sheet, namely 10mm and 16mm. These clip on over the end of Multiwall sheet to give an aesthetic finish to the sheet ends.

A series of Aluminium capping bars, or 'Capex', is also available in White or Brown powder coated aluminium finish and in lengths including 3.0, 3.6, 4.8 and 6.0mtr. The capex bars are placed running over the join where the Multiwall sheets meet on the rafter and provide a waterproof seal. Just like the Multiwall polycarbonate sheet, Capex bars can be used standing vertically on joins but they will also bend gradually following the line on gentle curved roofs.

On alternative rafters where Capex bars are not used, we have White or Brown fixing buttons. For more information on our roofing products, visit our web site [www.plasticsolutions.ie](http://www.plasticsolutions.ie) or contact our sales team on +353 1 409 8000

Capex bars can be used on Multiwall Polycarbonate sheet and also Solid, Flat Polycarbonate sheet or or Acrylic Perspex® sheet.

## Key Product Features:

All Exitex sealing and glazing systems are manufactured to the highest standards, incorporating many unique patented features.

- Irish Aluminium Hardened High Tensile to BS 1474
- Anodising 15-25 Micrometers BS 3987
- Powder Coating 60-80 Micrometers BS 6496
- EPDM Gaskets to BS 4255

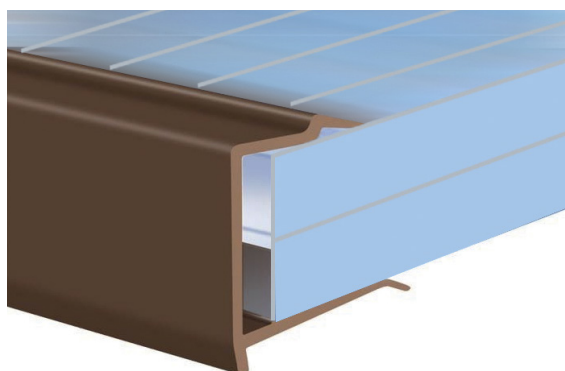
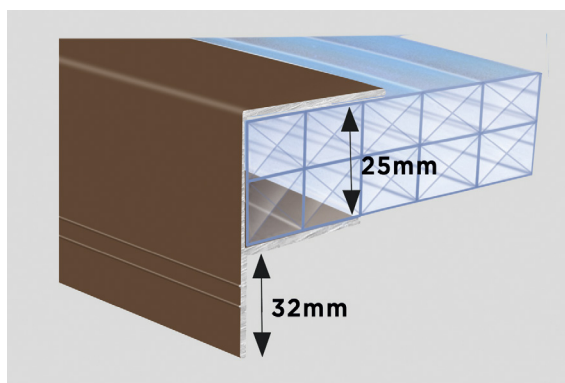
## Application:

- Exitex is the leading developer and distributor of weather-proofing products for doors, windows, conservatories and joinery applications.

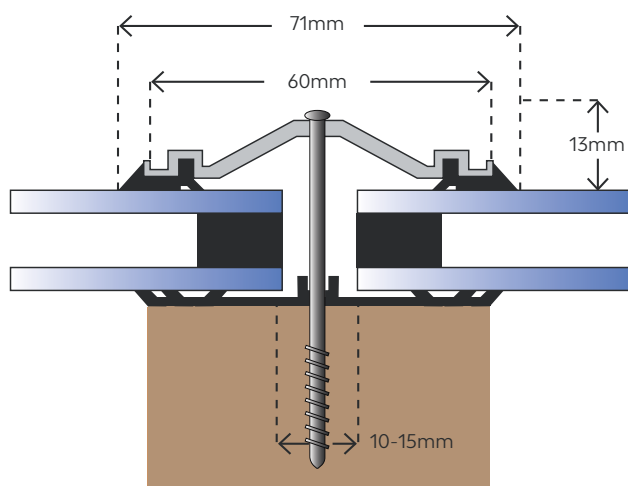
## Typical Roof Fixing Accessories we stock:

- RSC / PVC 'U' profiles for sheet ends
- CAPEX aluminium profiles for sheet joins
- Fixing buttons for alternative rafters
- Aluminium 'F' Profiles for start and finish rafters
- Butyl Flashtex edge sealant, 100mm & 200mm
- **Low modulus silicone (Polycarbonate friendly)**

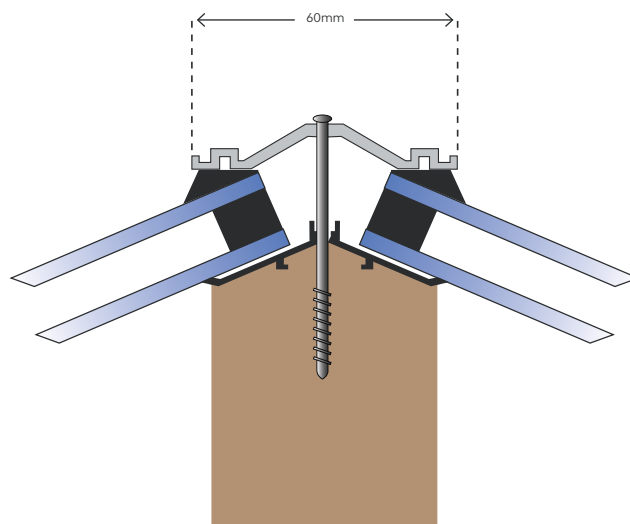
# Exitex<sup>TM</sup>







**Capex 60, with RAG 55 gasket  
on rafter, used over flat join**



**Capex 60, with RAG 55 gasket on  
rafter, used with hip/valley gasket**

ERP Code	Description	Size	Colour / Finish
MWALCAPX...	Capex 40 (includes own rafter gasket), for rafters up to 50mm	3, 3.6, 4.8m & 6m	Brown, Mill, White
MWALCAPX...	Capex 60 (includes own rafter gasket), for rafters over 50mm	3, 3.6, 4.8m & 6m	Brown, Mill, White
MWALLTF3.0WH	Lean To Flashing Profile (LTF)	3m	White
MWALLTF3.0BR	Lean To Flashing Profile (LTF)	3m	Brown
<b>Thickness</b>			
MWALF10W3.0 MWALF10W4.0	Aluminium F Section 3.0mtr / 4.0mtr	10mm, 16mm, 25mm	White
MWALF10B3.0 MWALF10B4.0	Aluminium F Section 3.0mtr / 4.0mtr	10mm, 16mm, 25mm	Brown
MWRSC2100W...	PVC Roof Sheet End Closure (RSC) / U Profile	10mm, 16mm, 25mm	White
MWRSC2100B...	PVC Roof Sheet End Closure (RSC) / U Profile	10mm, 16mm, 25mm	Brown
MWALRAG45	Rafter Gasket (sold per mtr)	45mm	Black Rubber

PRODUCT GROUP: ROOFING

# Corrugated Roofing Sheet

SUPPLIER: PALRAM



## 1. AG-TUF

**Corrugated PVC liner panels for industrial and agricultural interior cladding and lining applications.**

AG-TUF corrugated PVC liner panels have been produced by Palram for more than 50 years and have been used to clad the interiors of many types of industrial and agricultural structures around the world.

From piggeries to dairy parlours or poultry sheds, car washes, chemical processing plants or fertilizer storage facilities, AG-TUF panels hold up where other products don't. As they are resistant to chemicals, these panels can be cleaned frequently to facilitate maximum sanitary maintenance while still offering extended service in harsh chemical environments.

### Key Product Features:



Chemical Resistant



**Application:** Agricultural Roofing



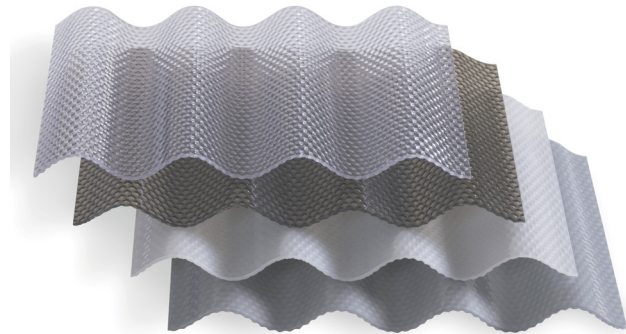
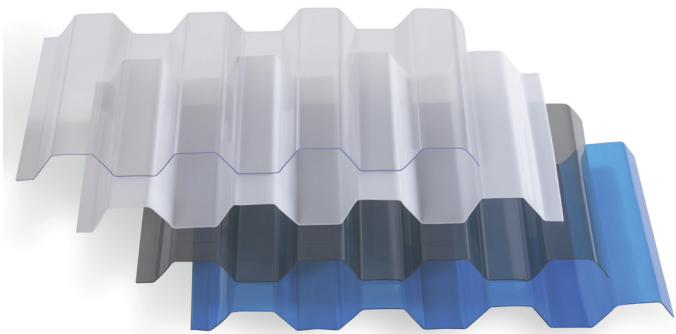
## 2. SUNTUF

SUNTUF is the leading corrugated Polycarbonate product for architectural, industrial, agricultural, and DIY applications including skylights, sidelights, complete roofs and cladding.

### Key Product Features:

-  Blocks 99.9% of harmful UV radiation
-  Impact resistant, virtually unbreakable

**Application:** Roofing






## 3. PALRUF

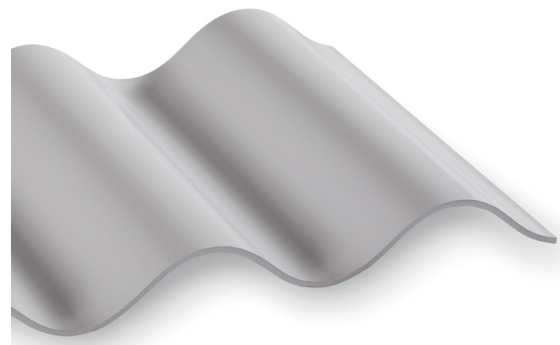
Corrugated PVC for industrial and agricultural roofing and exterior cladding applications.

PALRUF corrugated PVC panel combines excellent resistance to chemicals, fire and impact, resulting in an extremely durable roofing solution. PALRUF withstands harsh chemical environments where conventional roofing quickly corrodes, which makes it ideal for long term use in demanding industrial applications such as chemical plants and storages, mines, ports and more.

### Key Product Features:

-  Chemical Resistant
-  Fire Resistant
-  Impact Resistant

**Application:** Roofing



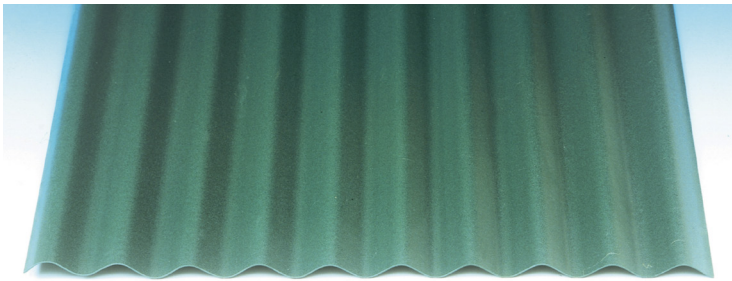


## 4. SUNTOP



**Durable lightweight foamed polycarbonate solution for residential roofing.**

SUNTOP corrugated foamed polycarbonate is a lightweight roofing & siding product that is opaque, rigid and highly impact-resistant. It can withstand garden rocks, golf balls and even baseballs. SUNTOP roofing sheets are available in rich solid colors that provide 100% shade and protection from harmful UV radiation.

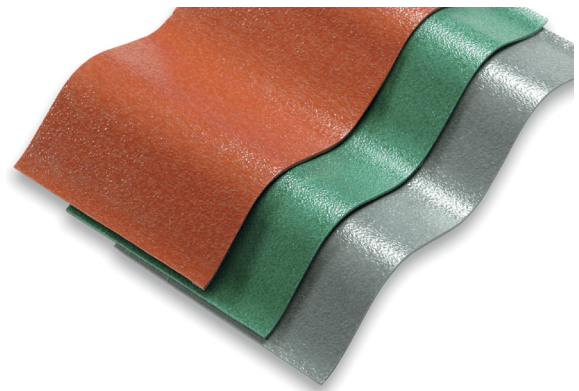
SUNTOP solutions can also endure the full range of hot and cold temperatures, and even the most severe weather conditions. Whether you are a contractor or do-it-yourselfer, SUNTOP is easy to install.



### Key Product Features:

-  Lightweight
-  Rigid
-  Opaque
-  Highly impact Resistant
-  Weather Resistant
-  Easy to Install

**Application:** Roofing






## 5. PALTOP

**Cost-efficient foam PVC sheets for residential roofing.**

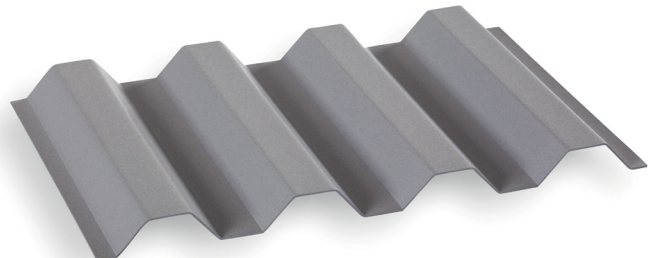
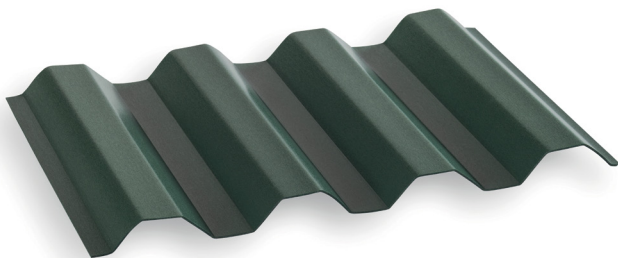
PALTOP offers a cost-efficient solution for lightweight exterior roofing applications. Its impact resistance and low weight make PALTOP easy to handle and ideal for a variety of roofing applications around the home and garden.

It is offered in black or a range of vivid non-fading colors, giving it a smooth and attractive appearance.

### Key Product Features:

-  Lightweight
-  Impact Resistant
-  Easy to handle

**Application:** Roofing





Jemiclad



KÖMMERLING

Exitex<sup>TM</sup>



PALRAM



COMPOSITES

# 10. Lighting



PRODUCT GROUP: LIGHTING

# LED LIGHTING

SUPPLIER: GENLED AgiLight®



As the global leader of LED signage lighting, GENLED AgiLight® is the preferred partner of sign companies and global brands. GENLED AgiLight® offers innovative cost-effective solutions that lower the end-users total system cost.

This LED range includes everything you'll need for signage, with solutions for shallow, medium depth, and large letter signs. Having reviewed this market, Print Solutions partnered with GENLED AgiLight® because we believe they bring the best product and greatest benefits to customers.

For almost two decades, GENLED AgiLight® (formerly AgiLight®) has been a world leader in the LED Signage Lighting Industry. It provides leading edge solutions and first-rate customer service but also unparalleled value throughout its product portfolio.

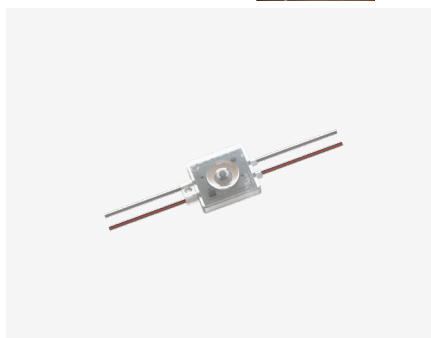
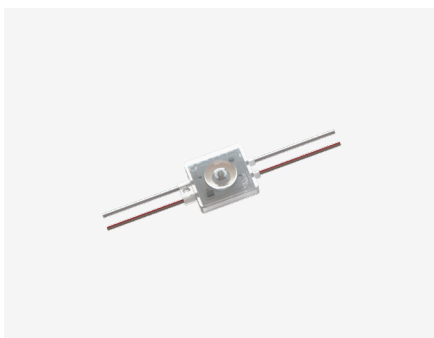
Our relationship with AgiLight®, means we can integrate with an expert team in the LED market to consult on any project and achieve the desired sign illumination with the lowest total cost of ownership. From understanding the needs with specific configurations and face materials of the signs, to selecting the most suitable LED modules to use, Print Solutions and GENLED AgiLight® will work step-by-step with customers to optimize the lighting solution for their brand images.

## Benefits of AgiLight®:

- GENLED AgiLight® LED systems significantly reduce the number of modules and power supplies per sign, providing energy and labour cost savings for sign makers and end-users alike.
- Their innovations provide an unparalleled value proposition to signage illumination. Their cutting-edge VersaLenz®, ONEwhite®, and Capzul® technologies are paramount innovations that propelled AgiLight to an industry leading position. The company is known for bringing technically advanced and easy to use products to the market.







PRODUCT GROUP: LIGHTING

# ACOLYTE – Architectural Lighting Solutions



SUPPLIER: GENLED ACOLYTE

**GENLED Acolyte® is a global LED manufacturer that strives to provide the highest quality products and exceptional customer service. They have more than 70 lighting agency offices in the United States, Canada, Europe, Caribbean, Middle East, Australia, New Zealand and Asia-Pacific ready to help you achieve your lighting needs by providing a one-stop-shop for everything from flexible linear LEDs, complete fixtures, controls and mounting accessories. It is GENLED Acolyte®'s goal to provide clients with Complete Integrated LED Lighting Solutions.**

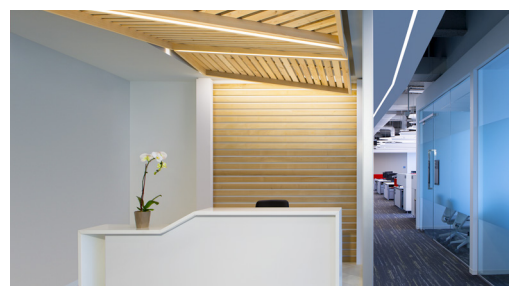
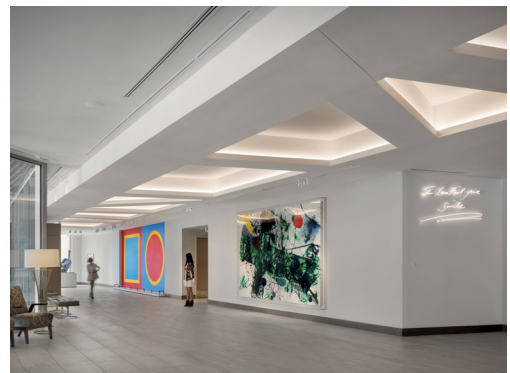
Through collaboration with international designers, these architectural products can be found in major installations worldwide. Acolyte is a linear LED lighting system, complete with a host of accessory products, specifically designed for the Architectural market and allows for superb customized solutions on both internal and external applications.

Linear LEDs, Neon bendable lighting and Decorative LED fixtures are just a few of the items available in this diverse range. Their industry leading RibbonLyte delivers true, accurate colour at all colour temperatures with double the run length of the competition.

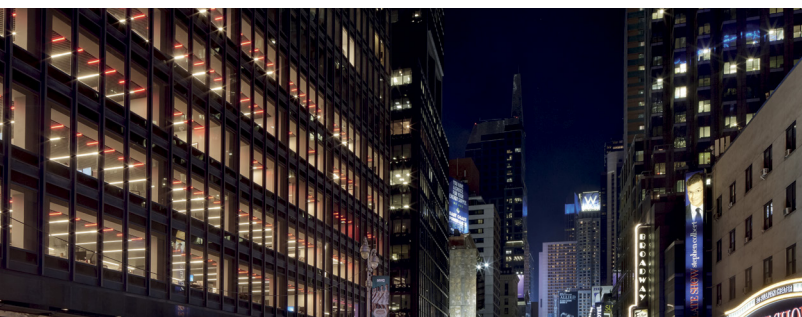
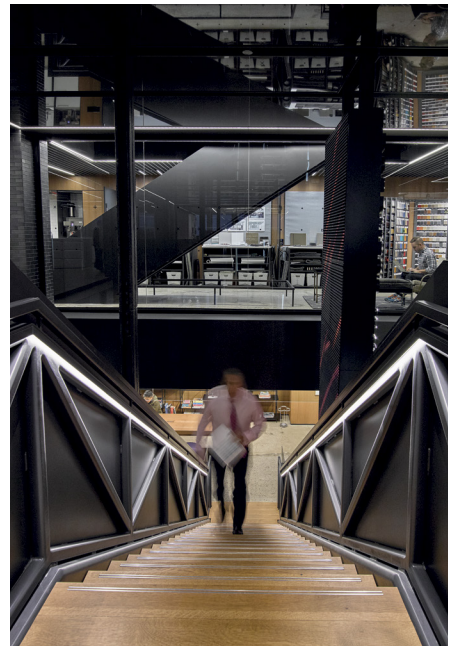
The company offers custom design and fabrication, as well as a full line of fixtures, controls and mounting accessories, all with world-class customer service.

## Benefits of Acolyte:

- Weatherproof Gel-Flush™ technology provides impenetrable breaches from any elements in weather and atmosphere! GENLED Acolyte®'s exterior products are guaranteed to never leak, condensate, or be breached by any environmental elements
- GENLED Acolyte® uses a two-step MacAdam ellipse binning process for white LEDs and an industry-leading, fully integrated design
- GENLED Acolyte® utilizes the highest-quality components and advanced technology. Our RibbonLyte is made with 3-ounce copper board that dissipates heat more efficiently than the competition, resulting in best-in-class run lengths of a maximum of 85 feet in a single run, in addition to a Lumen range from 90 to 900 lm/ft









PRODUCT GROUP: LIGHTING

# LUMAIRE LIGHT PANELS

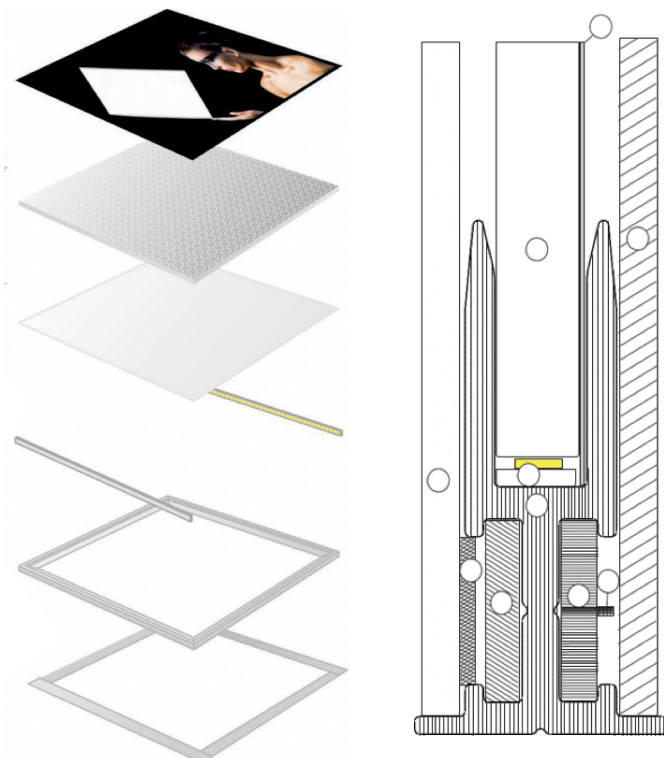
SUPPLIER: JSC Leddex

**This revolutionary range of LED light panels offers superb choices for designers, architects, sign makers and the light market as a whole.**

Lumaire has been manufactured with the end user and customer in mind and the panels can display graphics, prints and posters with the panels giving the impression of a 'static LCD' screen.

In the fast-paced world of light panels, Leddex are constantly looking for and developing new creative LED lighting solutions. From the very beginning, their decision to work exclusively with reliable and well-known brands such as Samsung, Philips, Cree and others has proved to be a winning formula.

Lumaire LED light panels allow you to illuminate any surface, so your product will be eye catching and will stand out from the surroundings. From wall or accent lighting to window displays, different types of Lumaire LED panels are a perfect solution for retail lighting to provide a specific mood and solid look. Their Ultrathin Lumaire Basic is an excellent light source for slim light boxes, stencil cut light boxes or other types of signage starting with 20-30mm depth. Versatility of the Lumaire LED panel is the main aspect to bring your ideas to life.



## Benefits of Lumaire:

- Thickness from just 5mm (8 mm with heat sink)
- Brightness up to 11000lx on the surface depending on size
- Single or double sided, curved and custom shape options
- Low power consumption
- Wide application possibilities, from interior design to signage





## Within the range, there are 5 options to choose from:

### LED Basic

The ultra-thin Lumaire Basic LED Panel is a perfect solution for designers and manufacturers to fulfil their lighting needs. The panel with its 5mm thickness (8mm with heat sink) and customizable shape will easily conform to the idea for any surface lighting. Such as POS displays, furniture, interior design and signage.

### MAGNETIC

In the development of Lumaire magnetic LED panel the most important goal was – practicality. Our Magnetic system is useful when easy print swapping is required. With the help of suction cup the protective acrylic sheet is lifted and it takes less than a minute to change the visual.

### CLICK

LUMAIRE Click is the classic version of LED panel. The special manufactured snap frame provides easy changing of graphics, in a few easy steps everyone can change the graphics without any special tools.

### TEXTILE

Lumaire Textile solution is an illuminated textile frame in only 23mm thickness. Easy to change printed textile fabrics and high flexibility makes it suitable for shops, restaurants and showrooms etc.

### CUSTOM

The Lumaire Custom LED Panel is for non-standard lighting needs. The LED panel can be in any shape, thanks to even light distribution feature and still remain in 8mm thickness. Contact our specialists for more info.

