WWW.DISPLAY.3ACOMPOSITES.COM

3A COMPOSITES

YOUR VISION.
OUR BRANDS.
ENDLESS POSSIBILITIES.

PROMOTION

DISPLAYS (POS/POP)

SIGNAGE | LETTERING

CORPORATE IDENTITY

SHOP DESIGN | SHOP WINDOW DECORATION

INTERIOR DESIGN | FURNITURE

DIGITAL PRINTING | SCREEN PRINTING

PARTITIONS | CLADDING

EXHIBITION DESIGN AND CONSTRUCTION

MODEL MAKING

LIGHTING | LIGHT BOXES

ILLUMINATED LETTERS

GLAZING

CONSTRUCTION BUSINESS

HIGH QUALITY SHEETS FOR THE APPLICATION AREAS

DESIGN PROMOTION PRINT

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3A COMPOSITES DISPLAY EUROPE

3A Composites Display Europe, an international division of the 3A Composites Group and part of Schweiter Technologies AG, is the leading manufacturer of sheet materials for the field of visual communication.

Thanks to a diversified range of products that include DIBOND® aluminium composite sheets, FOREX® and FOAMALITE® rigid foam plastic sheets, KAPA®, FOAM-X®, SMART-X® and GATORFOAM® lightweight foamboards, DISPA® paper boards, LUMEX® and HIPEX® PET sheets as well as PERSPEX®, CRYLUX®, CRYLON®, AKRYLON® and PERSPEX® XT acrylic glass sheets and IMPEX® polycarbonate sheets we can offer our customers a unique and perfectly coordinated range of products – and everything is from a single source.

The main areas of application for our products include: digital and screen printing, exhibition booth construction and shop fitting, interior and shop design, photo-mounting as well as signage, POS/POP displays and furniture construction.

Thanks to a worldwide network of producers and dealers, our branded products are available at short notice in more than 80 countries. This network is based on our partnership with leading distributors in the paper, plastics and metal sectors, who offer not only competent advice, but also services catering to the individual requirements of our customers.

We attach particular importance to sustainable manufacturing processes and environmentally friendly materials. Our goal is to ensure the prompt supply of innovative, top-quality products which are tailored to our customers' needs.

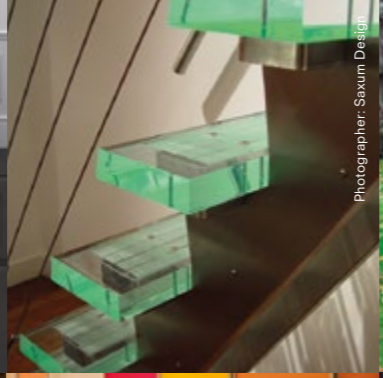Read more about our commitment to sustainability on www.display.3acomposites.com/sustainability

YOUR VISION. OUR BRANDS. ENDLESS POSSIBILITIES.

In this brochure, we would like to provide you with an initial, general overview of our extensive product range. Please note that in some cases, versions of featured products may not be available in all specified colours and thicknesses and that certain processing options may not apply to all product versions. Please refer to the appropriate individual product brochures and delivery programmes for detailed information and product availability. We are, of course, happy to provide you with more comprehensive processing instructions for each product. Please contact your customer service representative or use the contact form on our website: www.display.3AComposites.com. We are happy to offer advice!

Photographer: Zone Creations

Photographer: Saxum Design

Designer / Fabricator: Studio David Thulstrup ApS Photographer: Ein Helseberg

Fabricator: Inplas Fabrications Ltd

Photographer: Kewlox

Photographer: ASG

Photographer: Rousseau Designs

Client: JB Hi-Fi Designer / Fabricator: Viverettes

Design: Show Machine Systems Fabricator: Tulloo Designs

MATERIAL

Acrylic sheet (PMMA)

PRODUCT VERSIONS

PERSPEX® Acrylic Sheet
PERSPEX® Textures
PERSPEX® Effects
PERSPEX® Light
PERSPEX® Illumination
PERSPEX® Optimised Performance
PERSPEX® Mirror
PERSPEX® Continuous Cast

COLOURS

Clear | Opal/White | Solid, translucent and
transparent colours and tints as well as
a wide variety of textures and effects |
Other colours on request

THICKNESSES

1,5 to 50 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Exhibition design and construction
Model making
Lighting | Light boxes
Illuminated letters | Glazing
Food contact approved

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling | Laser cutting | Water jet cutting
Sawing | Punching | Gluing | Drilling
Riveting | Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending
Thermoforming
Engraving | Polishing

Some product versions may have restricted processing options.
Our experienced team of engineers at the Technical Department
is available to offer help and answer any questions.

PERSPEX

PRODUCT

PERSPEX® acrylic sheet is recognised as a premium product, one of the best quality acrylic materials in the world. Continuous innovation over the past years has resulted in the creation of a wide spectrum of products.

These innovative materials are widely used in various areas of application such as architecture, visual communication, shopfitting, furniture construction, and lighting. The versatility of PERSPEX® acrylic sheets offer international designers a valuable source of inspiration.

PERSPEX® acrylic is available in a variety of different colours, tints, textures and effects.

Experts at the in-house laboratory can match almost any colour for unique design concepts. They can also combine colours or create new bespoke hues tailored to customer requirements.

For transforming creative ideas into reality, PERSPEX® is the perfect choice.

CAST ACRYLIC SHEET WITH LIMITLESS COLOUR AND TEXTURE OPTIONS.

MATERIAL

Acrylic sheets (PMMA)

PRODUCT VERSIONS

CRYLUX® Acrylic Sheet
CRYLUX® & Colours
CRYLUX® & Light
CRYLUX® & Protect

COLOURS

Extensive range of clear-transparent, coloured,
opaque, opal, coloured transparent or
translucent versions | Other colours on request

THICKNESSES

Sheets: 2 to 40 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Exhibition design and construction
Model making
Lighting | Light boxes
Illuminated letters | Glazing
Food contact approved

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling | Laser cutting | Water jet cutting
Sawing | Punching | Gluing | Drilling
Riveting | Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending
Thermoforming
Engraving | Polishing

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CRYLUX®

PRODUCT

When looks really matter, acrylic glass (PMMA) is the perfect choice due to its high transparency, durability and UV stability.

CRYLUX® is an acrylic sheet material which comes into its own when visual impact is key. It is made of cast polymethyl methacrylate (PMMA) and is perfect for a range of purposes: for corporate signage, shopfitting, the building industry or individual pieces of furniture. The product's perfect transparency is ideal for display applications and visual communication as it comes not only in clear transparent but also in lively, vibrant colour shades. Thanks to easy processing options using most standard processing techniques, it offers great scope for appealing design aesthetics.

CAST ACRYLIC IN LIVELY, VIBRANT COLOURS.

The colour spectrum includes special gloss grades (CRYLUX® Argenta), luminous, fluorescent colours (CRYLUX® Neon) and anti reflective matt surfaces (CRYLUX® Design). In addition, there are several product versions tailored to suit the specific requirements of individual applications: CRYLUX® UVP (extra ultraviolet protection) provides especially good protection against UV radiation, CRYLUX® UVT is transparent for UV-A rays (ultraviolet transmitting) as well as partially for UV-B rays, CRYLUX® Beauté with enhanced chemical resistance, CRYLUX® Anti-Bacteria with antimicrobial and fungicidal protection and CRYLUX® Lumina, Optima and Vision, which are specially designed for use with LED lighting or as a projection screen.

MATERIAL

Acrylic sheets (PMMA)

PRODUCT VERSIONS

CRYLON® Acrylic sheet
CRYLON® Surface structures
CRYLON® UVT
CRYLON® Soft Tone
CRYLON® High Impact
CRYLON® SBW Sound Barrier Walls

COLOURS

Clear transparent | White opal/opaque |
A range of standard colours |
Other colours on request

THICKNESSES

1.0 to 25 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Model making
Short term promotional campaigns
Lighting | Light boxes
Glazing
Food contact approved

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling | Laser cutting | Water jet cutting
Sawing | Punching | Gluing | Drilling
Riveting | Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending
Thermoforming
Engraving | Polishing

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✿ CRYLON®

PRODUCT

CRYLON® comprises an extensive range of large-format, extruded acrylic glass sheets featuring outstanding clarity and first-rate optical characteristics, excellent colour rendering and varying degrees of transparency. Available in a range of clear, opals and opaques as well as selected colours and surface structures.

For special applications, the product range offers the particularly impact-resistant version CRYLON® HI (High Impact).

The premium quality surfaces have a high level of resistance to weathering and aging, and provide solutions for a variety of indoor and outdoor applications.

EXTRUDED ACRYLIC
IN BRILLIANT CLARITY.

MATERIAL

Acrylic sheets (PMMA)

PRODUCT VERSIONS

AKRYLON® Acrylic Sheet
AKRYLON® UVT
AKRYLON® Soft Tone

COLOURS

Clear transparent | White opal/opaque |
A range of standard colours available in transparent,
translucent and opaque versions |
Other colours on request

THICKNESSES

1.0 to 15 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Model making
Short term promotional campaigns
Lighting | Light boxes
Glazing
Food contact approved

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling | Laser cutting | Water jet cutting
Sawing | Punching | Gluing | Drilling
Riveting | Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending
Thermoforming
Engraving | Polishing

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Our experienced team of engineers at the Technical Department
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�❀ AKRYLON®

PRODUCT

AKRYLON® stands for large-format, extruded poly-methyl methacrylate (PMMA) sheets in brilliant clarity, featuring excellent optical properties and in different levels of transparency. AKRYLON® is easy to form and ideally suited for indoor and outdoor applications.

AKRYLON® provides sparkling clarity and formability, making it an extremely popular material for shop design, window display and signage of all kinds.

A wide spectrum of colours is available in opaque, matt, transparent and translucent versions.

SPARKLING CLARITY
AND EASY FORMABILITY.

MATERIAL

Acrylic sheets (PMMA)

PRODUCT VERSIONS

PERSPEX® XT Acrylic Sheet
PERSPEX® XT IM60 Impact Resistant
PERSPEX® XT Soft Tone
PERSPEX® XT SBW Sound Barrier Walls

COLOURS

Clear transparent | Clear anti-reflective |
White opal/opaque | A range of standard colours |
Other colours on request

THICKNESSES

1.0 to 25 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Model making
Short term promotional campaigns
Lighting | Light boxes
Glazing
Food contact approved

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling | Laser cutting | Water jet cutting
Sawing | Punching | Gluing | Drilling
Riveting | Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending
Thermoforming
Engraving | Polishing

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PERSPEX® XT

PRODUCT

PERSPEX® XT is an extruded acrylic sheet with outstanding performance advantages during fabrication, installation and in use.
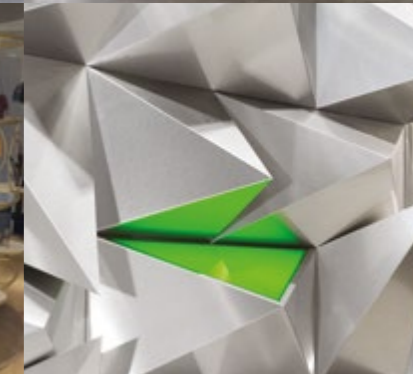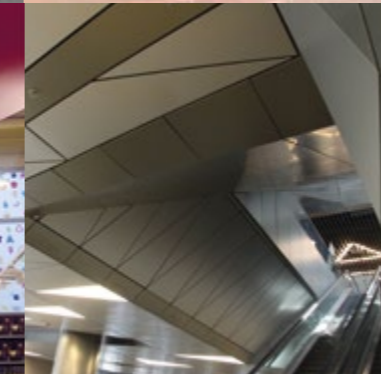
Available in a range of clear, opals, selected colours, as well as a single-sided anti-reflective clear, PERSPEX® XT sheets offer excellent thickness tolerance and are extremely easy to vacuum form, making it ideal for applications where complex shapes are required. Add to that brilliant transparency, ease of handling, very good weathering and ageing resistance, and it is easy to see how PERSPEX® XT sheets provide a perfect solution to a wide range of applications. It is ideal for use in signage, displays, skylights, windows, doors and any interior or exterior application.

EXTRUDED ACRYLIC WITH OUTSTANDING TRANSPARENCY, INCREASED STRENGTH AND VERSATILE NATURE.

Design: Daniel Michel

Design: Andreas Hegert

Designing a office for visual communication and interior desig

Wine shop

Today's

Worldwide

ProfiLine

Site Plan of Parade Ground and Barracks 1906

B&O

MATERIAL

Aluminium composite sheets

PRODUCT VERSIONS

DIBOND® Solid colours
BUTLERFINISH®
DIBOND®structure
DIBOND®mirror
DIBOND®metallics
DIBOND®decor
DIBOND®design
DIBOND®digital
DIBOND®eloxal
DIBOND®FR

COLOURS

Wide range of standard colours, decorative and
textured surfaces as well as special colours
(on request)

THICKNESSES

2 to 6 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Exhibition design and construction
Lighting | Light boxes
Construction business

PROCESSING

Digital printing
Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling
Water jet cutting
Shearing | Sawing | Punching | Gluing | Drilling
Riveting | Screwing
Hot-air welding
Folding (V-groove) | Cold bending
Roll bending | Round bending
Engraving

Some product versions may have restricted processing options.
Our experienced team of engineers at the Technical Department
is available to offer help and answer any questions.

DIBOND®

PRODUCT

DIBOND® is the original aluminium composite sheet, comprising two 0.3 mm thick aluminium cover layers and a polyethylene or mineral core. It is lightweight – extremely rigid and strong, making it ideal for both indoor and outdoor applications.

DIBOND® is used predominately in the areas of signage, product and furniture design, shopfitting, interior design, shop design as well as trade fair and exhibition design.

DIBOND® is the perfect material for producing creative ideas due to its wide range of high-quality surfaces, easy processing and long service life.

All products provide the ideal ambience for successful customer communication and their unique, consistent design conveys a tangible brand image to the customer.

QUALITY MEETS DESIGN.

MATERIAL

Aluminium composite sheets

COLOURS

Aluminium-Look |
Other colours on request

THICKNESSES

1.2 and 2 mm

APPLICATIONS

Displays (POS/POP)
Interior design | Furniture
Lighting | Light boxes

PROCESSING

Digital printing
Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling
Laser cutting | Water jet cutting
Shearing | Sawing | Punching | Gluing | Drilling
Riveting | Screwing
Folding (V-groove) | Cold bending
Roll bending | Round bending
Hinge joint routing
Powder coating
Embossing

Some product versions may have restricted processing options.
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is available to offer help and answer any questions.

HYLITE®

PRODUCT

HYLITE® is an aluminium composite panel with a poly-propylene core and aluminium cover layers.

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

LIGHTNESS IN ALU-LOOK.

MATERIAL
Aluminium composite sheets

COLOURS
White |
Other colours on request

THICKNESSES
5, 10 and 15 mm

APPLICATIONS
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Partitions | Cladding
Exhibition design and construction

PROCESSING
Digital printing
Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling
Water jet cutting
Shearing | Sawing | Gluing | Drilling
Riveting | Screwing
Folding (V-groove) | Cold bending

Some product versions may have restricted processing options.
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KAPA®tech

PRODUCT

KAPA®tech, an innovative lightweight sheet featuring a unique composition of a polyurethane foam core and aluminium cover layers, combines lightweight with rigidity.
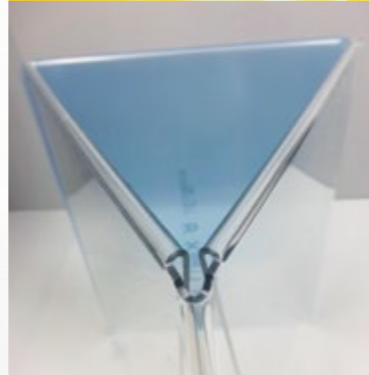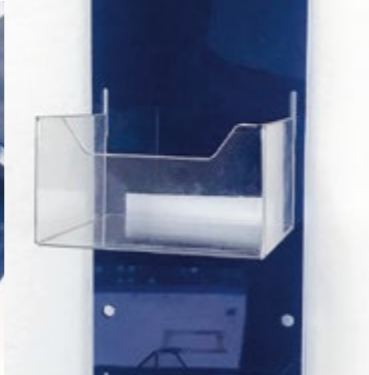
Thanks to the lacquered aluminium cover layers and a temperature and moisture-resistant core, KAPA®tech is the first KAPA® sheet for both indoor and outdoor applications.

KAPA®tech is not only suitable for use outdoors, one of the product's main advantages is its fire classification: it is flame retardant and qualifies as "difficult-to-ignite".

INNOVATIVE WITH UNIQUE PROPERTIES:
LIGHTWEIGHT – STRONG – FIRE RATED.

POLYESTER SHEETS (PET)

MATERIAL

Polyester sheets (PET)

PRODUCT VERSIONS

LUMEX® A
LUMEX® G

COLOURS

Clear transparent (with or without anti-reflective) |
Opal 30% | Black | White | Bronze | Other colours
on request

THICKNESSES

LUMEX® A: 0.5 to 6 mm
LUMEX® G: 0.5 to 10 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Model making
Short term promotional campaigns
Lighting | Light boxes
Glazing
Food contact approved

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling
Laser cutting | Water jet cutting
Sawing | Punching | Gluing | Drilling
Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending
Thermoforming
Engraving

Some product versions may have restricted processing options.
Our experienced team of engineers at the Technical Department
is available to offer help and answer any questions.

LUMEX®

POLYESTER SHEETS (PET)

PRODUCT

LUMEX® stands for flawlessly extruded transparent and translucent A-PET and PET-G thermoplastic polyester sheets. Both products ensure excellent printing results with UV-resistant inks, have a high level of impact resistance, are easy and fast to process and the UV protection version offers good resistance to weathering.

In addition, LUMEX® is classed as "difficult to-ignite" and suitable for food applications.

The LUMEX® product range is the ideal choice for forming. LUMEX® A (A-PET) is especially suitable for coldbending applications, LUMEX® G (PET-G) for vacuum and thermoforming.

A CLEAR CHOICE.

MATERIAL

Polyester sheets (PET)

PRODUCT VERSIONS

HIPEX® A
HIPEX® G

COLOURS

Clear transparent (with or without anti-reflective) |
Different Opals | Black | White | Bronze | Structured |
Other colours on request

THICKNESSES

HIPEX® A: 0.5 to 6 mm
HIPEX® G: 0.5 to 20 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Model making
Short term promotional campaigns
Lighting | Light boxes
Glazing
Food contact approved

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling
Laser cutting | Water jet cutting
Sawing | Punching | Gluing | Drilling
Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending
Thermoforming
Engraving

Some product versions may have restricted processing options.
Our experienced team of engineers at the Technical Department
is available to offer help and answer any questions.

PRODUCT

The HIPEX® product range includes extruded A-PET and PET-G thermoplastic polyester sheets. These sheets are characterized by their impressive impact strength, outstanding transparency, excellent print-ability with UV-resistant inks, plus their fast and easy processing options.

In addition, HIPEX® sheets are fire rated "difficult-toignite" meaning that they are the best possible choice for a wide range of different indoor and outdoor appli-cations. For outdoor use, we recommend the version with UV protection.

The HIPEX® product range is ideal when it comes to forming. HIPEX® A is especially suited for cold-bending applications, HIPEX® G for complex thermoforming.

FLAWLESSLY EXTRUDED A-PET AND PET-G THERMOPLASTIC POLYESTER SHEETS.

MATERIAL

PVC - foam sheets

PRODUCT VERSIONS

FOREX®classic
FOREX®print
FOREX®lite
FOREX®color

COLOURS

White | Light Yellow | Dark Yellow | Orange | Red |
Light Blue | Dark Blue | Green | Grey | Black

THICKNESSES

1 to 19 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Exhibition design and construction
Model making
Short term promotional campaigns
Food contact approved | Construction business

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Cutting | Die cutting | Plotting
Contour milling | Water jet cutting
Shearing | Sawing | Punching | Gluing | Drilling
Riveting | Screwing | Hot-air welding
Folding (V-groove) | Cold bending
Hot bending
Thermoforming
Roll bending | Round bending

Some product versions may have restricted processing options.
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FOREX®

PVC-FOAM SHEETS

PRODUCT

FOREX® are white expanded rigid PVC sheets. The FOREX® product family offers a wide choice of light-weight, high quality sheet materials with excellent sur-face properties. This makes FOREX® "the material of choice" for numerous indoor and outdoor applications.

FOREX®classic is the premium sheet in the FOREX® product family with the best mechanical properties and highest surface quality.

FOREX®print is specially designed for the printing in-dustry. It is a lightweight sheet with brilliant white, smooth surfaces which provide a perfect substrate for printing, particularly digital printing.

FOREX®lite is the best choice for high-volume printing campaigns. The expanded rigid PVC sheet focuses more on economic considerations as on the mechanical properties of the material. That's why FOREX®lite should only be used flat.

FOREX®color rounds off the FOREX® product family with a selection of nine striking colours. The solid, vibrant colours of the rigid foam sheets offer optimum colour fidelity.

A PORTFOLIO OF HIGH-QUALITY, LIGHTWEIGHT EXPANDED RIGID PVC SHEET MATERIALS FOR INDOOR AND OUTDOOR USE.

MATERIAL

PVC - foam sheets

PRODUCT VERSIONS

FOAMALITE® premium
FOAMALITE® x-press
FOAMALITE® color
FOAMALITE® plus

COLOURS

White | Light Yellow | Dark Yellow | Orange | Red |
Light Blue | Dark Blue | Green | Grey | Black

THICKNESSES

1 to 19 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Exhibition design and construction
Model making
Short term promotional campaigns
Food contact approved | Construction business

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Cutting | Die cutting | Plotting
Contour milling | Water jet cutting
Shearing | Sawing | Punching | Gluing | Drilling
Riveting | Screwing
Folding (V-groove) | Cold bending
Hot bending
Thermoforming
Roll bending | Round bending

Some product versions may have restricted processing options.
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FOAMALITE®

PRODUCT

FOAMALITE® expanded rigid PVC sheets are ideally suitable for applications in the field of visual communi-cations. Used as a print substrate or as a creative, coloured or co-extruded sheet, FOAMALITE® always delivers what it promises.

FOAMALITE® premium makes the perfect display board for exhibition booths, POS/POP displays or even signage as it is lightweight and also offers excellent dimensional stability.
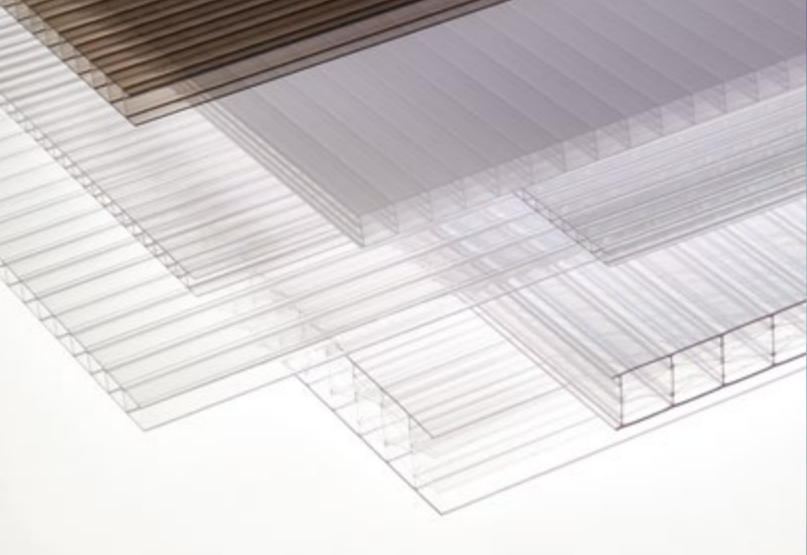
Thanks to its smooth, white, flat surface, FOAMALITE® x-press is the ideal choice for outstanding printing results.

FOAMALITE® color offers a choice of nine different colour tones. The solid, vibrant colours of the expanded rigid sheets offer optimum colour fidelity.

FOAMALITE® plus is a co-extruded expanded rigid PVC sheet consisting of high-quality white cover layers and a black recycled core. The hard, smooth, bright white surface provides extra robustness and scratch resistance in comparison with standard PVC sheets.

WIDE RANGE OF HIGH-QUALITY, LIGHTWEIGHT EXPANDED RIGID PVC SHEET MATERIALS FOR INDOOR AND OUTDOOR USE.

MATERIAL

Polycarbonate sheets (PC)

PRODUCT VERSIONS

IMPEX® (Standard)
IMPEX® HC

COLOURS

Clear transparent | Opal/White | Bronze |
Smoke-grey | Other opaque, translucent colours
and patterned surfaces (Prismatic, Impala, Haircell)
with or without UV protection available on request

THICKNESSES

1 to 20 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Exhibition design and construction
Model making
Lighting | Light boxes
Glazing
Construction business

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling
Water jet cutting
Sawing | Punching | Gluing | Drilling
Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending
Thermoforming
Engraving

Some product versions may have restricted processing options.
Our experienced team of engineers at the Technical Department
is available to offer help and answer any questions.

IMPEX®

PRODUCT

IMPEX® stands for a wide range of large format, extruded, virtually unbreakable polycarbonate sheets with excellent optical and mechanical properties. The product range comprises an array of different surfaces, versions and patterns. The high quality sheets are extremely impact resistant, which means they can provide comprehensive solutions for both indoor and outdoor use.

IMPEX® sheets are easy to fabricate, show an exceptional performance at both low and high temperatures (from -40°C to +135°C) and are in their standard grades easy to vacuum form (pre-drying required). A very good fire performance for thicknesses from 1.5 up to 6.0 mm according to EN 13501-1 (B-s1, d0) features IMPEX® standard grades.

IMPEX® UVP – the IMPEX® sheets with UV-protection – are polycarbonate sheets with both sides co-extruded UV protection layer and very good weathering resistance, especially for outdoor applications.

IMPEX® HC are UV-protected polycarbonate sheets with a one- or both sides abrasion resistant coating and a good impact resistance, which makes them especially suitable for flat indoor and outdoor applications.

EXTRUDED POLYCARBONATE SHEETS WITH EXCELLENT IMPACT STRENGTH.

POLYCARBONATE SHEETS

MATERIAL
Polycarbonate sheets (PC)

COLOURS
Clear transparent | Opal | Bronze

THICKNESSES
4/2 w
6/2 w
8/2 w
10/2 w
10/4 w
16/3 w
16 Diamond
20 Diamond
25 Diamond

APPLICATIONS
Partitions | Cladding
Lighting | Light boxes
Glazing
Construction business

PROCESSING
Digital printing
Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling
Sawing | Gluing | Drilling | Screwing
Folding (V-groove) | Cold bending

Some product versions may have restricted processing options.
Our experienced team of engineers at the Technical Department
is available to offer help and answer any questions.
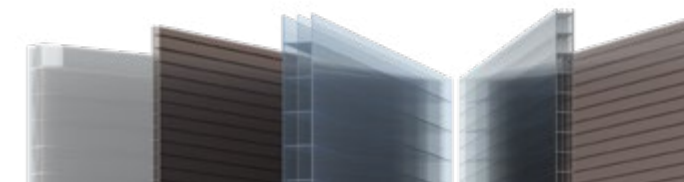
IMPEX® MULTIWALL

PRODUCT

IMPEX® MULTIWALL are extruded, multi-wall polycarbonate sheets which are virtually unbreakable. The particular benefits offered by the sheets are their lightweight, excellent optical properties, high impact resistance and very good resistance to weathering. They also have insulating properties for cold and hot.

IMPEX® MULTIWALL is suitable for a variety of different indoor and outdoor applications. The standard range includes the colours clear, opal and bronze in different profile design versions.

EXTRUDED MULTIWALL POLYCARBONATE SHEETS WITH HIGH IMPACT RESISTANCE.

MATERIAL

Paper boards

PRODUCT VERSIONS

DISPA®
DISPA®outdoor
DISPA®canvas
DISPA®plus

COLOURS

White

THICKNESSES

2.4 mm | 3.8 mm
2.2 mm (DISPA®outdoor)
3.8 mm (DISPA®canvas)
3.3 mm (DISPA®plus)

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Exhibition design and construction
Model making
Short term promotional campaigns

PROCESSING

Digital printing
Screen printing
Laminating
Painting | Spray painting | Lacquering
Cutting | Die cutting | Plotting
Laser cutting
Punching | Gluing | Drilling
Folding (V-groove) | Cold bending

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DISPA®

PRODUCT

DISPA® are the sustainable display boards for screen and digital printing. They are made of FSC®-certified paper (FSC® C127595) and are 100% recyclable. Thanks to the non-directional core layer of DISPA® display boards, they provide optimal flatness and dimensional stability yet are still lightweight. The equally high level of rigidity – lengthwise and crosswise – is one of the main advantages over corrugated cardboard.
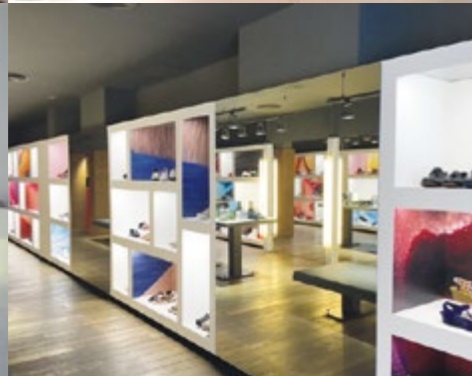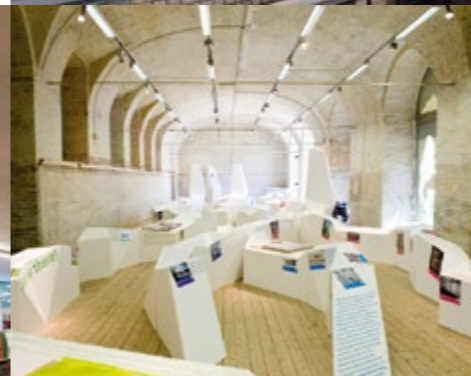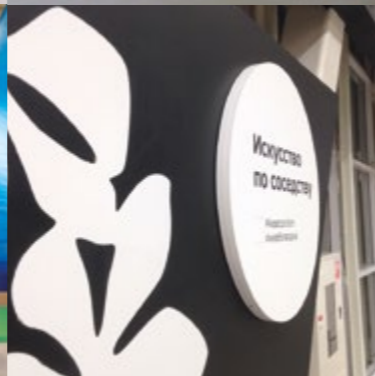
The unique structure of DISPA® offers outstanding properties and as a paper product, it is 100% recyclable. The boards can simply and inexpensively be disposed as waste paper.

DISPA® boards are an ideal printing substrate and well suited to die cutting or processing with CNC technology. They are the perfect solution for: indoor promotion campaigns, hanging, ceiling-mounted signs, display and POS/POP applications as well as for short-term outdoor applications and signage (DISPA®outdoor).

PAPER BOARDS

FSC
www.fsc.org
FSC® C127595
The mark of
responsible forestry

100% PAPER – 100% RECYCLABLE – FSC®-CERTIFIED.

MATERIAL

Lightweight foam boards

PRODUCT VERSIONS

KAPA®line
KAPA®bright
KAPA®plast
KAPA®tex
KAPA®color
KAPA®graph
KAPA®mount
KAPA®fix

COLOURS

White | Black | Grey/Black

THICKNESSES

3 to 20.5 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Interior design | Furniture
Exhibition design and construction
Model making
Short term promotional campaigns

PROCESSING

Digital printing
Screen printing
Laminating
Painting | Spray painting | Lacquering
Cutting | Die cutting | Plotting
Contour milling
Water jet cutting
Sawing | Punching | Gluing | Drilling
Folding (V-groove) | Cold bending

Some product versions may have restricted processing options.
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is available to offer help and answer any questions.

KAPA®

PRODUCT

KAPA® is a high-quality lightweight foamboard with a polyurethane foam core and individual paper covering layers. The KAPA® manufacturing process expands the foam core between the two outer covering layers, using a technology which is unique worldwide. Most of the paper used in our production is already FSC® certified.

The perfectly coordinated range of different covering layers is designed for all types of interior applications in visual communication. KAPA®, for instance, is not only suitable for window displays, interior design or POS/POP applications, but also for model making, for high-calibre museum exhibits and as an ideal substrate for prints and advertising messages.

KAPA® delivers the highest aesthetic standards in architectural and design development. Used as a mounting or presentation board, its varied surfaces or the bi-colour effect of the covering layers create attractive contrasts. When creating visualisations of spectacular designs, from miniscule to immense, super lightweight and 3-D formable KAPA® is the ideal construction material – as it has been for over 50 years!

CREATIVITY MADE EASY.

MATERIAL

Lightweight foam boards

COLOURS

White

THICKNESSES

5, 10, 13, 15 and 19 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Corporate Identity
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Exhibition design and construction
Short term promotional campaigns

PROCESSING

Digital printing
Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling | Laser cutting
Sawing | Gluing | Drilling | Screwing
Folding (V-groove) | Cold bending

Some product versions may have restricted processing options.
Our experienced team of engineers at the Technical Department
is available to offer help and answer any questions.

SMART-X®

PRODUCT

SMART-X® is a distinctive lightweight foam board for demanding visual communication applications.

This extremely lightweight, all-plastic board with weather and UV-resistant cover layers in impact-resistant solid polystyrene (HIPS) and a core of expanded polystyrene is completely insensitive to moisture. These properties mean that it is a lightweight material which can be used in outdoor applications for a period of up to two years without significant colour change.

SMART-X® is also an optimal substrate for direct digital printing due to its smooth surface structure and availability in large formats (up to 2 metres wide).

Thanks to the excellent ratio of extremely low weight and high rigidity and flatness, SMART-X® is ideal for the following two-dimensional applications: All types of signage, self-supporting, free-standing structures, life-sized fashion displays.

DISTINCTIVE AND UNIQUE FOR SOPHISTICATED ADVERTISING.

LIGHTWEIGHT FOAM BOARDS

MATERIAL

Lightweight foam boards

COLOURS

White

THICKNESSES

3 to 20,5 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Shop design | Shop window decoration
Model making
Short term promotional campaigns

PROCESSING

Digital printing
Screen printing
Laminating
Painting | Spray painting | Lacquering
Cutting | Die cutting | Plotting
Water jet cutting
Sawing | Punching | Gluing
Folding (V-groove) | Cold bending

Some product versions may have restricted processing options.
Our experienced team of engineers at the Technical Department
is available to offer help and answer any questions.

FOAM-X®

PRODUCT

FOAM-X® is a lightweight foamboard with a polyure-thane foam core and coated multi layered recycled paper liners, suitable for indoor applications. Most of the paper used in our production is already FSC® certified recycled paper.

The material provides an ideal weight stability ratio. Additionally, FOAM-X® can be processed very easily with manual tools.

FOAM-X® foamboards are particularly suitable for short term, indoor applications such as POS/POP displays, suspended signs for decoration and passepartout picture frames.

THE INDOOR ALLROUND BOARD WITH RECYCLED PAPER LINERS.

LIGHTWEIGHT FOAM BOARDS

MATERIAL

Lightweight foam boards

COLOURS

White | Black

THICKNESSES

5, 10 and 25 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Shop design | Shop window decoration
Exhibition design and construction
Model making

PROCESSING

Digital printing
Screen printing
Laminating
Painting | Spray painting | Lacquering
Contour milling
Water jet cutting
Sawing | Gluing

Some product versions may have restricted processing options.
Our experienced team of engineers at the Technical Department
is available to offer help and answer any questions.

GATORFOAM®

PRODUCT

GATORFOAM® is an extremely stiff lightweight foam-board with resin-impregnated paper liners on both sides and a polystyrene foam core.

Due to its great rigidity and flatness, as well as the availability of thicknesses of up to 25 mm, GATORFOAM® is ideally suited for displays and 3D applications (e.g. letterings), for demanding lamination options as well as decorative applications and décor in interior design.
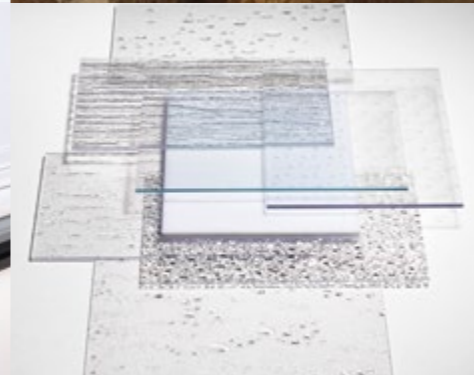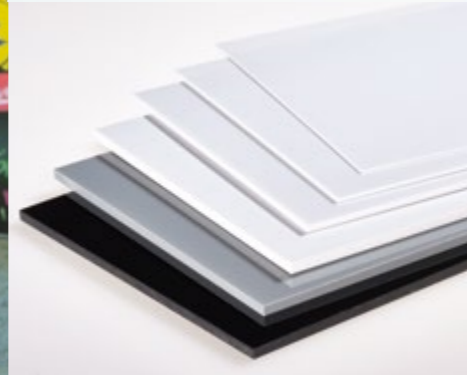
The material's bright white surface guarantees high-quality direct printing results and exceptional image quality.

Simple mechanical processing is possible with standard tools for processing wood and plastic.

THE STRONG AND SIMPLE LIGHTWEIGHT.

LIGHTWEIGHT FOAM BOARDS

MATERIAL

Styrenics

COLOURS

Clear transparent | Clear transparent with
anti-reflective on one side | Opal |
Variety of patterns available on request

THICKNESSES

0.85 to 5 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Model making
Short term promotional campaigns
Lighting | Light boxes
Glazing
Food contact approved

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Cutting | Die cutting | Plotting
Contour milling
Laser cutting | Water jet cutting
Sawing | Punching | Gluing | Drilling
Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending | Thermoforming
Engraving

Some product versions may have restricted processing options.
Our experienced team of engineers at the Technical Department
is available to offer help and answer any questions.

PS

PRODUCT

POLYCASA® PS stands for extruded crystal polystyrene sheets which provide solutions for many indoor applications. Thanks to the extrusion process, alongside the clear transparent standard products (with or without anti-reflective), there are also a variety of colours and patterns on offer.

POLYCASA® PS sheets are not only used for a number of different purposes in the field of visual communication, e.g. as signage for advertising campaigns, as POS/POP displays or as glazing for picture frames but also for sanitary ware (e.g. shower cabins).

VERSATILE, EFFECTIVE, ATTRACTIVE.

STYREMICS

MATERIAL

Styrenics

COLOURS

White | Black | In matt or glossy finish | Other colours and patterns (Pinseal, Grain, Smart & Leather) available on request

THICKNESSES

0.5 to 10 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Partitions | Cladding
Food contact approved

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Cutting | Die cutting | Plotting
Contour milling
Laser cutting | Water jet cutting
Sawing | Punching | Gluing | Drilling
Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending
Thermoforming

Some product versions may have restricted processing options. Our experienced team of engineers at the Technical Department is available to offer help and answer any questions.

HIPS

PRODUCT

POLYCASA® HIPS is a rubber-modified polystyrene sheet which offers enhanced impact resistance and is easy to process. The product is available with either a matt finish on both sides or with a matt finish on one side and a glossy surface on the other.

The sheets' surface quality is outstanding and they offer an excellent printing substrate. In addition, they are suitable for thermoforming. Hence, POLYCASA® HIPS sheets are used for applications like screen printing, signages or POS/POP displays.

ENHANCED IMPACT RESISTANCE. EASY TO CUT AND FORM.

STYREMICS

MATERIAL

Styrenics

COLOURS

Clear transparent | Translucent and opaque colours as well as various patterned surfaces available on request

THICKNESSES

1.5 to 6 mm

APPLICATIONS

Displays (POS/POP)
Signage | Lettering
Shop design | Shop window decoration
Interior design | Furniture
Partitions | Cladding
Exhibition design and construction
Model making
Short term promotional campaigns
Lighting | Light boxes | Glazing
Food contact approved

PROCESSING

Digital printing | Screen printing
Laminating
Painting | Spray painting | Lacquering
Cutting | Die cutting | Plotting
Contour milling
Laser cutting | Water jet cutting
Sawing | Punching | Gluing | Drilling
Screwing | Thread cutting
Folding (V-groove) | Cold bending
Hot bending | Thermoforming
Engraving

Some product versions may have restricted processing options. Our experienced team of engineers at the Technical Department is available to offer help and answer any questions.

PRODUCT

POLYCASA® SAN are extruded styrene acrylonitrile copolymer (SAN) sheets. The SAN programme offers solutions for both indoor and outdoor applications. For outdoor use we recommend the version with UV protection.

Compared to conventional transparent materials, these sheets provide real benefits – weighing 10% less but with considerably enhanced rigidity, POLYCASA® SAN sheets can be up to one third thinner for similar applications. In addition, POLYCASA® SAN is exceptionally resistant against water and chemical absorption.

LIGHTER, BUT STIFFER.

STYREMICS