

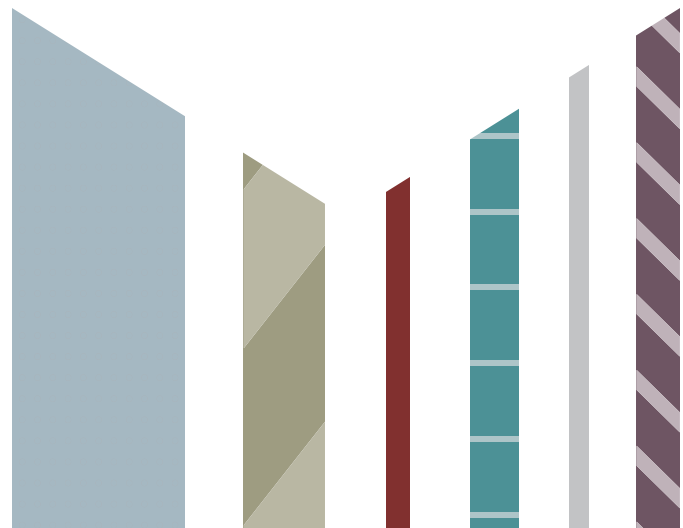
A PRODUCT FOR EVERY PROJECT

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**FOME-COR<sup>®</sup>**    **GATOR<sup>®</sup>**    **SMART-X<sup>®</sup>**

**SINTRA<sup>®</sup>**    **LUMEX<sup>®</sup>G**    **DIBOND<sup>®</sup>**

**DISPA<sup>®</sup>**    **POLAR<sup>®</sup>**    **SWEDBOARD<sup>®</sup>**





Print Optimized Light And Recyclable



POLAR is a specially manufactured paper board with a honeycomb core and high-quality, clay-coated paper facers. The core creates a very rigid and flat board, while the specialty facers prevent read-through lines from the core and provide a smooth, bright white surface ideal for direct printing applications. It's available in 3 different thicknesses and 2 core colors allowing for a wide variety of applications, and offers a stable, durable and recyclable solution for short to medium term displays.

POLAR is comprised of bright white, clay-coated paper facers and a honeycomb paper core.



### Advantages with POLAR

- Optimized for direct printing - coated papers provide high quality printing
- Specialty paper prevents "read through" from the core
- Can be digitally and screen printed on both sides
- Extremely lightweight with good rigidity & dimensional stability
- Easily cut with manual or CNC cutters
- Flexible facers allow for V-routing & bending to create 3D displays
- Available with a white or natural paper core
- 100% recyclable

Please visit our website for product availability

### Recommended Applications

- POP / POS displays
- Promotional campaigns
- Interior signage & displays
- Tradeshows & exhibitions
- 3-dimensional displays
- Free-standing signage
- Window displays
- Dimensional lettering

### Recommended Fabrication

- Digital printing
- Screen printing
- Mounting
- Painting
- Knife cutting
- V-cutting to fold



The Premium Paper Board for Advanced Structural & Load Bearing Applications



SWEDBOARD FIBRE is an extremely rigid paper board that offers a fully recyclable alternative for structural & load-bearing applications, like chairs & tables, as well as more demanding POP/POS and in-store display applications. The specially engineered core is dust-free, and the unique structure gives the material exceptional strength and stability while still being a very lightweight solution. It has premium white paper liners with a thin moisture barrier that helps keep the panel flat even in dry or humid conditions, and is optimal for direct digital print applications. It can be recycled into the paper waste stream.

SWEDBOARD FIBRE is composed of white paper facers coated with a PE liner and a paper core structure engineered for unmatched rigidity.



### Advantages with SWEDBOARD FIBRE

- Incredible rigidity & load-bearing performance
- Unique core structure provides a strong, stable board
- Ideal for heavy duty display applications
- Premium white facers deliver excellent direct printing results
- Very good resistance to moisture & warping
- Can be V-cut and folded for dimensional displays
- Dust-free core for easy & clean fabrication
- 100% recyclable

Please visit our website for product availability

### Recommended Applications

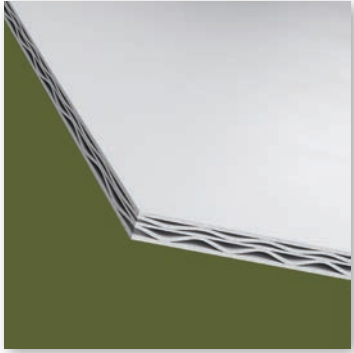
- MDF replacement
- Exhibition construction
- Load Bearing platforms
- In-store partitions
- Creative furniture & fixtures
- 3-dimensional displays
- Free-standing signage
- Long term promo campaigns
- Signage & window displays

### Recommended Fabrication

- Digital & screen printing
  - Mounting / laminating
  - Painting & gluing
  - Knife cutting - draw & oscillating
  - V-cutting to fold
  - Circular saw
  - Drilling & screwing
- \*Cut files are available, contact your 3A sales manager

# DISPA®

100% Paper - 100% Recyclable - 100% Unique



DISPA® is the 100% paper display board with flat, smooth clay-coated facers that offer excellent digital and screen printing results. The unique structure of the core makes it lightweight yet dimensionally stable, and prevents distracting “read-through” lines that occur with alternative corrugated medias. Combined with its easy fabrication and recyclability, DISPA is ideal for short term interior displays.

DISPA is comprised of a uniquely laminated structure of embossed paper as the central core with flat, smooth paper facers.



Top: Printed & fabricated for tradeshow exhibition

## Advantages with DISPA

- Bright white smooth paper facers provide excellent printing results
- Can be V-cut or creased and folded to create dimensional displays
- Can be digitally and screen printed on both sides
- Can easily be CNC or die cut / punched, or cut by drag knife
- Extremely lightweight with good dimensional stability
- 100% recyclable & made of 100% FSC® Certified Paper (FSC-C169891)

Please visit our website for product availability



Left/Below: Recyclability makes DISPA ideal for short-term, promotional displays

## Recommended Applications

- POP / POS displays
- Promotional campaigns
- Interior signage & displays
- Tradeshows & exhibitions
- 3-dimensional displays
- Hanging signage
- Window displays
- Sophisticated packaging

## Recommended Fabrication

- Mounting
- Digital printing
- Screen printing
- Painting
- Knife cutting
- Die cutting
- Routing
- Creasing (via crease wheel)



# SMART-X®

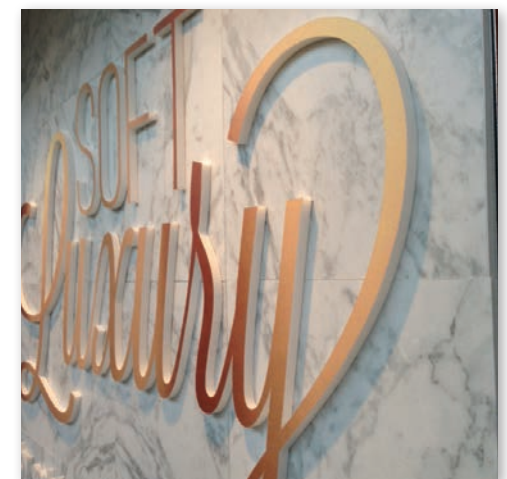


A foam board engineered for exterior signage & 100% recyclability



This extremely lightweight foam board offers weather & UV-resistant plastic facers and a moisture-resistant foam core, making it an **excellent solution for long term exterior applications**. It's high strength to weight ratio provides an extremely rigid yet lightweight board, and because there is no adhesive used in the manufacturing process it can be fully recycled at end of life.

SMART-X is comprised of extruded white polystyrene foam and premium, white high-impact polystyrene facers ideal for direct print applications.



## Advantages with SMART-X

- Plastic surfaces deliver excellent direct printing results
- 100% pure polystyrene for easy recyclability - no adhesives used
- Can be V-cut and folded for dimensional displays
- Extremely rigid and light weight
- Very good impact and scratch resistance
- High UV stability and moisture resistance
- Vinyl graphics are repositionable
- 100% recyclable

## Recommended Applications

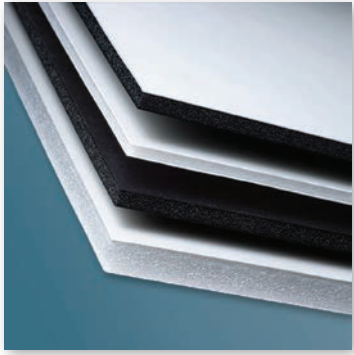
- Outdoor signage
- POP / POS displays
- Signage & lettering
- Promotional campaigns
- Tradeshows & exhibitions
- 3-dimensional displays
- Wayfinding & directional signage
- Window displays

## Recommended Fabrication

- Digital printing
- Screen printing
- Mounting
- Painting
- Knife cutting
- Routing
- Laser cutting & contour milling
- Folding (V-groove)

# FOME-COR®

The original graphic arts foam board with a reputation for performance



FOME-COR® has been the industry's leading foam board for more than 60 years. Its extreme light weight, easy fabrication, and excellent printability make it an ideal solution for short term interior displays. The FOME-COR collection offers a variety of products with premium, bright white, double clay-coated facers ideal for screen and direct digital printing applications, as well as black and natural uncoated facers that provide flat, smooth surfaces for mounting graphics or backing photographs and fine art in framing applications.

FOME-COR is comprised of extruded white or black polystyrene foam with bright white or black paper facers, and all products are produced using a proprietary manufacturing process that creates a foam core that delivers superior performance in both pillowing and non-pillowing variations. Made in the USA.



Uniquely "embossable" for dimensional effects

## Advantages with FOME-COR

- Perfect for die cutting with a compressed edge that stays closed
- Provides excellent results for screen or direct digital printing applications
- Pillowing foam is uniquely embossable for 3-dimensional effects
- Cuts easily and cleanly, even using hand tools
- Various specialty facers suitable for different applications
- Extremely lightweight with good dimensional stability
- Quick service on cut-to-size orders, including large sheets up to 8'x10'

### Recommended Applications

- POP / POS displays
- Exhibits and kiosks
- Framing
- Interior signage & displays
- Hanging signage
- Window displays
- Promotional campaigns
- 3-dimensional displays

### Recommended Fabrications

- Mounting
- Digital printing
- Screen printing
- Painting (don't expose core to solvent-based paints)
- Knife cutting
- Die cutting / punching
- Embossing



Great for short term displays

## The FOME-COR Collection

### FOME-COR with ENCORE Technology | Recovery Performance Reimagined

- Specially formulated **non-pillowing foam** with bright white coated or black uncoated facers
- Bright white coated facers provide excellent digital & screen printing results
- Edges remain open when die cut or punched
- Surface is more resilient to denting

### FOME-COR JETMOUNT | Demand More From Foam Board

- Denser foam core provides increased rigidity & warp resistance
- Ideal for more demanding mounting applications
- Great for free-standing displays
- Bright white coated facers provide excellent digital & screen printing results

### FOME-COR FOUNDATION | Your Base For Superior Framing & Mounting

- High-quality **acid-free facers** provide a flat, smooth surface for superior mounting & framing with no read-through lines
- Facers ensure a flat & rigid backer material used for framing applications
- Perfect for archival preservation of valuable art and photographs
- Cost-effective alternative to corrugated cardboard for non-printing applications

### FOME-COR CANVAS | Amplify Your Art

- Deep embossed textured facer creates a more artistic appearance
- Coated facers provide high-quality digital & screen printing results
- Cost-effective alternative to competitive canvas-like products



Ideal for printing with sharp lines & clear text

### FOME-COR SINGLESTEP | Heat-Activated Mounting Made Easy

- FOME-COR with one facer that's been coated in a **heat-activated adhesive**
- Simplifies the mounting process
- Eliminates the need for hot melt tissue stock
- Adhesive is activated with low temperature settings for a quick, damage free mount using a heated-mechanical or vacuum dry-mount press, as well as a heated roller laminator

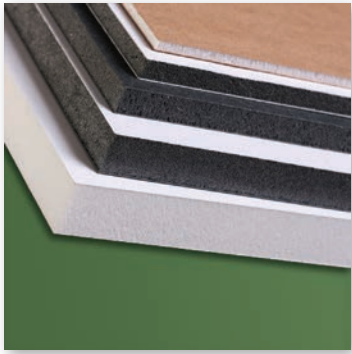
### FOME-COR QUICKSTIK | Peel & Place With Precision

- FOME-COR with one side offering a **pressure-sensitive** release facer for easy peel & stick mounting
- Simplifies the mounting process - eliminates the need for pressure-sensitive stock
- Repositionable low-tack (LT) is well-suited for hand-mounting methods
- Pressure-activated, permanent bonding high-tack (HT) is ideal for high-volume, automated methods

Please visit our website for complete product availability

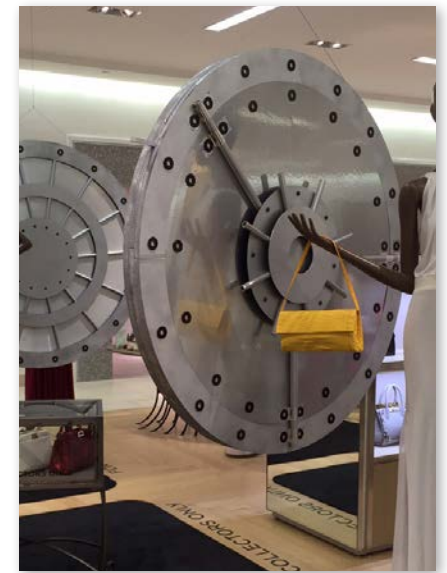
# GATOR®

The high performance, rigid foam board with proven dependability



GATORFOAM® has been the display industry's leading high-performance foam board for more than 30 years. The unique combination of its foam core and various, high performance facers create an extremely rigid and durable yet lightweight solution for a variety of display applications.

GATORFOAM is comprised of extruded polystyrene bonded between two layers of wood-fiber veneers. Made in the USA.



Hanging store displays utilize GATORFOAM for its thick gauge & lightweight properties.

## Advantages with GATORFOAM

- Wood-fiber veneers provide extreme rigidity - excellent for mounting applications
- Bright white, smooth facers provide very good printing results
- Can be digitally and screen printed on both sides
- Routs and cuts cleanly for easy fabrication
- Excellent dent and scratch resistance
- Extremely lightweight with high dimensional stability
- Available in a wide range of thicknesses, sizes & facer combinations

### Recommended Applications

- POP / POS displays
- Interior signage & displays
- Tradeshows & exhibitions
- 3-dimensional displays
- Dimensional letters
- Hanging signage
- Window displays
- Promotional campaigns
- Framing

### Recommended Fabrications

- Mounting
- Digital printing
- Screen printing
- Painting (don't expose core to solvent-based paints)
- Routing
- Saw cutting

## The GATOR Collection

### NEW! GP APEX™ | *The Peak of Graphic Performance*

- High performance foam board with bright white or black high-impact PS facers bonded to an extruded black or white polystyrene foam core
- Smooth plastic surface is ideal for direct digital printing applications
- Improved gauge consistency delivers clearer print results and prevents costly head strikes
- Flexible facers enable enhanced fabrication
- Can be V-cut and folded for dimensional displays
- Clean cutting & routing - no edge cracking or chipping during fabrication
- Improved capabilities & reduced lead times on custom orders (RTS/CTS)
- High-impact polystyrene facers resist warping
- Plastic surface is ideal for applying vinyl graphics
- Lightweight and moisture-resistant

### GATORFOAM SELF-ADHESIVE | *Easy Mounting, Extreme Rigidity*

- Easy mounting to an extremely rigid & durable foam board
- Eliminates the need for pressure-sensitive adhesive stock
- Ideal for more demanding mounting applications
- High-tack (HT) adhesive is pressure-activated for a permanent bond

### GATORBLANKS | *Thick Gauge Durable Foam Panels*

- Durable polystyrene foam without facers
- Thick gauges give dramatic dimension for mounting applications
- Good for signs, displays, & dramatic in-store lettering
- Lightweight yet durable, easy to cut & form

Please visit our website for product availability



GP APEX is an ideal solution for eye-catching printed signage that needs to be lightweight and maintain its rigidity.



Maximize yields using cut-to-size GP APEX for high-run, custom size promotional campaigns, and meet project deadlines with short lead times and enhanced shipping options.

# SINTRA®

The superior expanded PVC board engineered to go beyond



As the original expanded PVC board for the display industry, SINTRA® provides a premium bright white surface with a low gloss satin finish for high quality printing results, as well as superior durability and machinability for more demanding applications.

SINTRA is comprised of moderately expanded, closed-cell polyvinyl chloride (PVC) in a homogeneous sheet with a low gloss satin finish. Made in the USA.



Printed, formed and backlit to create attractive, 3-dimensional signage

## Advantages with SINTRA

- Premium surface provides excellent digital & screen printing results
- Superior dent and scratch resistance
- Consistent bright white surface and sheet thickness
- Lightweight yet rigid and durable
- Heat formable for dramatic 3-dimensional displays
- Easily machinable using wood & foam board fabrications
- Excellent chemical resistance
- Self-extinguishing; Class A (ASTM E-84)
- Available in a wide range of thicknesses, sizes and 6 standard colors
- UL Recognized



SINTRA utilized as interior design elements

## Recommended Applications

- POP / POS displays
- Interior signage & displays
- Exterior signage & displays
- Tradeshows & exhibitions
- 3-dimensional displays
- Store design & shopfitting
- Retail fixtures
- Window displays
- Framing

## Recommended Fabrications

- Digital & screen printing
- Mounting (cold mounting techniques only)
- Repositionable vinyl
- Painting
- Knife cutting (1-3mm may be cut with a knife)
- Routing
- Saw cutting
- Die cutting / punching (may be die cut up to 5mm)
- Forming curves

## The SINTRA Collection

### SINTRA ECLIPSE | *The New Black*

- Solid white PVC facer over black SINTRA
- Premium, bright white facer allows for enhanced printing capabilities to black PVC
- Eliminates the need for laminating or flood coating
- Can be V-cut & folded to create dimension using the solid, flexible facer
- Maintains superior properties and fabrication of SINTRA

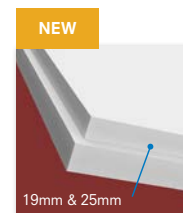
### SINTRA VERS | *Expanding Versatility*

- The market standard for expanded PVC board
- Versatile general purpose expanded PVC for a wide range of display applications
- Very good digital and screen printing results
- Can be digitally printed on both sides
- Excellent dent & scratch resistance
- Good chemical resistance
- Heat formable for 3-dimensional displays
- Lighter weight for easy handling and installation
- Ideal for quick-turn, high volume projects
- Self-extinguishing; Class A (ASTM E-84) in 5mm or less

Please visit our website for complete product availability

### NEW! SINTRA XT | *For Extended & Exterior Use*

- 19mm & 25mm gauge for outdoor signage, dimensional lettering, & more demanding applications
- Smooth, hard surface optimized for thick gauge product and application requirements
- High-quality, consistent surface ideal for exterior, direct print applications
- Excellent nail and screw retention



The high durability of SINTRA makes it ideal for exterior display applications

### SINTRA CONSTRUCT | *Building on Quality*

- Specially created for mechanical assembly and fabrication applications in the retail fixture, construction & transportation markets
- Very good impact strength and scratch resistance
- Easily machinable using wood fabrication processes & tools
- Provides needed staple and screw retention
- Highly resistant to moisture absorption
- No rotting or delamination
- Extremely rigid and durable
- Heat formable and chemical resistant



# DIBOND®

The ultimate ACM for the display and signage markets



As the original aluminum composite material (ACM) developed for the display & signage markets, DIBOND® has been the superior solution for more than 20 years. Not only is it the flattest panel on the market, its premium surface is ideal for digital printing or mounting. DIBOND can be roll formed to create dramatic curves, or rout-and-returned for dimensional displays.

DIBOND is comprised of two pre-painted sheets of .012" aluminum bonded to a solid polyethylene core.



Bright, eye-catching murals printed on DIBOND give new life to an old warehouse; designs by Ian Kirkpatrick

## Advantages with DIBOND

- Premium surface is ideal for digital printing and can be printed on both sides
- Provides excellent durability in exterior applications
- Can be formed in a variety of ways to create dimensional displays
- Available in a wide range of colors and finishes
- Very good dent and scratch resistance
- Approximately half the weight of a solid aluminum sheet
- Self-extinguishing; Class A fire rating (ASTM E-84)

## Recommended Applications

- POP / POS displays
- Interior & exterior signage
- Tradeshows & exhibitions
- 3-dimensional displays
- Store & interior design
- Shop-fitting & retail fixtures
- Furniture design
- Shelving & storage components
- Framing

## Recommended Fabrications

- Digital printing
- Screen printing
- Mounting (cold mounting only)
- Repositioning vinyl
- Painting
- Routing
- Saw cutting
- Die cutting / punching
- Forming curves



2ft by 10ft timeline of a brewery's history direct digital printed to 3mm white DIBOND, printing & fabrication by Agio Imaging

## The DIBOND Collection

### NEW! DIBOND Specialty Mirror Finishes | A Reflection of Quality

- Specialized manufacturing process creates a clear, reflective surface
- High-quality mirror effect is ideal for store design & interior signage
- Unique results when printed, can even be laser engraved
- Mirror surface doesn't flake during the cutting process
- Lightweight & durable - won't break during transport or install
- Less sensitive to pressure than acrylic or glass - no warping
- Approximately half the weight of a conventional glass mirror
- Provides the same product & processing capabilities of standard DIBOND

### DIBOND BUTLERFINISH® | Quality Meets Design

- Specialized manufacturing process creates an embossed, brushed aesthetic
- High quality brushed effect is perfect for store design, furniture construction, and high-end store displays as well as signage
- Extremely unique results when digitally or screen printed
- Provides the same product & processing capabilities of standard DIBOND

Please visit our website for complete product availability

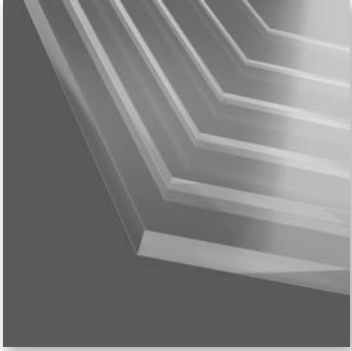


Hand-painted mural transforms the lobby & cafeteria of The Verazzano School; artwork & image © Peter Gerakaris



DIBOND Mirrors  
High quality finish in  
two standard colors:  
Mirror; Mirror Anthracite

## For high quality forming results



LUMEX<sup>®</sup> G clear sheets are the ideal choice for vacuum and thermoforming applications, featuring enhanced properties that prevent “stress-cracking” during the thermoforming process. Vacuum forming requires no pre-drying, saving time and energy costs. In addition to good impact resistance, LUMEX G sheets can also be printed with UV curing inks.

LUMEX G is comprised of premium quality extruded, polyethylene terephthalate glycol (PET-G).



Thermoformed for poster glazing

### Advantages with LUMEX G

- No pre-drying required before thermoforming
- No stress-cracking or whitening when formed
- Can be reverse printed for graphic applications
- Very good chemical resistance
- Excellent low temperature performance
- Easy to recycle
- FDA Regulation 21 CFR 177.1315

Please visit our website for product availability

### Recommended Applications

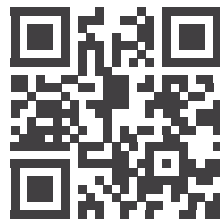
- POP / POS displays
- Poster glazing
- Interior signage & displays
- 3-dimensional displays
- Food containers & packaging
- Medical appliance packaging
- Framing
- Machine guards
- Refrigerators & coldroom equipment

### Recommended Fabrications

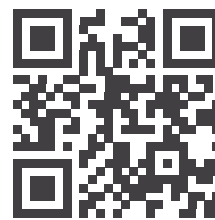
- Vacuum & thermoforming
- Hot line bending
- Mounting
- Saw cutting
- Laser cutting
- Drilling
- Die cutting / punching
- Shearing
- Digital printing

Have a Question?  
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online at [www.3acompositesusa.com/display](http://www.3acompositesusa.com/display)



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