TABLE OF CONTENTS

Page 1

Innovation

Dedication

Design

Experience

Page 2 Building Your Image

Page 3 FOME-COR®

Page 4 SINTRA®

Page 6 GATOR®

Page 8 BANOVA®

Page 10 DIBOND®

Page 12 ALUCOBOND

Page 14 Application and Fabrication Guides

Page 16 Sustainability
Conveying corporate identity internally and externally is multi-faceted, ranging from facades, canopies, and signage to interior design, POP displays and store fittings.

No matter how complex corporate architecture is, businesses and the architectural offices and design agencies they employ face the same challenge; sustainable implementation. Communicating consistent brand values and their associated lifestyle over time is corporate architecture’s task. It must respond with comprehensive and integrative answers on ecological, economic, and social questions.

Working closely with you, 3A Composites USA has been solving these challenges by offering a complete range of products for your CID program, from exterior composite panels to interior rigid foam boards. Alucobond®, Dibond®, Fome-Cor®, Gator®, Sintra®, Banova®, KAPA®tech and Smart-X® endorse long-lasting color fidelity and brilliance, excellent dimensional stability, easy processing, and cost effectiveness. These characteristics combine to give you the breadth and capacity you need to implement your creative ideas.

**Fome-Cor®** has been the industry’s leading paper-faced foam board for more than forty years. Made up of an extruded polystyrene core with clay-coated white or kraft black facers, its lightweight and printability make Fome-Cor® the ideal material for use in signage, shop fittings and interior design, POP displays, and other display applications.

While Fome-Cor® can be formed easily, even into three dimensional shapes, Bright White Fome-Cor® is also very well-suited for screen or digital direct printing.

**THE ORIGINAL DISPLAY SOLUTION**

**CHARACTERISTICS**

◊ Easy bending, milling, painting, laminating, and printing
◊ Uniquely embossable for 3D effects
◊ Excellent for screen or digital direct printing
◊ Perfect for die cutting; compressed edge that stays closed

**BENEFITS**

◊ Easy fabrication, mounting, and handling
◊ Planning and design freedom
◊ Creates a high-quality look from an economical board
◊ Clean finish with wide variety of products

**Doodles on Fome-Cor® by artist Mary Beth Shaw**

**3D sculpture with Fome-Cor®**

**Photo courtesy of North Light Media**

**Window display utilizes Fome-Cor®**
Sintra® has been the industry’s leading PVC board for more than twenty years. Made of expanded rigid PVC with a low-gloss matte finish, Sintra can be used in a multitude of identity applications including interior and exterior signage, store exhibits and displays, even sculptures. Sintra’s rigidity and quality combined with the brightest white surface on the market make it ideal for your branding and display needs.

**CHARACTERISTICS**
- Sintra® Bright White is whitest PVC board on the market
- Lightweight yet rigid and durable
- Available in a wide range of colors
- Easy machinability; heat formable & chemical resistance

**BENEFITS**
- Superior surface quality conveys strong brand image
- Easy handling, excellent longevity & performance
- Planning and design freedom
- Extremely versatile
CHARACTERISTICS

◊ Excellent reputation for quality digital & screen printing
◊ New, Bright White facer is brightest board of its kind
◊ Good stiffness and dimensional stability
◊ Dent and scratch resistant

BENEFITS

◊ Fresh, vibrant colors that reinforce your brand’s image
◊ High quality surface ensures professional image
◊ Outstanding flatness
◊ Durability & longevity

RIGIDITY YOU CAN RELY ON

Leading the industry’s heavy-duty foam board segment for more than 30 years, Gatorfoam® has continuously proven its worth in the display and signage market. Comprised of extruded polystyrene foam between two layers of wood-fiber veneer, Gatorfoam® can be used in a multitude of applications including in-store signage, POP displays, hanging signage and wall displays, as well as various exterior applications.
GROWN LIGHT, MADE STRONG

Banova® stands for high-quality, lightweight panels for use in interior design applications. Our material provides high stability, minimal weight, sustainability, and extreme versatility. Banova® can be combined with a variety of different face laminates to optimize material properties such as stiffness, impact & scratch resistance, color, texture, and strength. It can even be printed or formed to create organic shapes and designs!

CHARACTERISTICS
◊ Can be combined with different face laminates
◊ Extremely low weight and low density
◊ Uniform surface quality
◊ Highly flexible core material
◊ Solid wood material

BENEFITS
◊ Provides versatility & optimization of specific properties
◊ Easy handling; allows for larger design elements
◊ Perfect for laminating or direct lacquering & painting
◊ Can easily create lightweight, formed components
◊ No special equipment or tools necessary
STRENGTH MEETS DESIGN

With the wide range of high-quality surfaces, easy processing and longevity, Dibond® provides the freedom needed to communicate your company’s unique identity and brand value to customers. Comprised of 0.012” pre-painted aluminum skins with a solid polyethylene core, Dibond® was developed as the world’s first ACM for the display and signage markets. Creative options are endless thanks to the dependability, longevity and utility of Dibond®.

CHARACTERISTICS
- Lightweight, high rigidity, outstanding flatness
- Special coating for screen & digital direct printing
- Wide range of colors plus a custom match program
- Easy bending, milling, painting, laminating & printing
- Black core acts as an UV-blocker

BENEFITS
- High quality appearance for signage, shop fronts, & interior design
- Consistent color quality & optimized long-term performance
- Planning and design freedom for unique & effective branding
- Easy processing with standard tools & procedures
- High corrosion & weather resistance; perfect for outdoor application
THE NAME SAYS IT ALL

Since its first market introduction over forty years ago, Alucobond® has significantly influenced the image of many buildings, including those in the corporate architecture market. Used for applications such as cladding, column covers, canopies, signage and even interior accents, Alucobond® offers architects and designers unlimited freedom for creative, innovative, and individual planning. And thanks to the huge color and surface variety, availability in every company-specific finish, color brilliance and guaranteed durability Alucobond® is the premium product for a uniform, world-wide brand presence.

CHARACTERISTICS
◊ Lightweight, high rigidity, outstanding flatness
◊ Wide range of colors and finishes
◊ Very high corrosion/weather resistance
◊ High quality, consistent paint finish

BENEFITS
◊ Easy handling and installation, no oil canning
◊ Planning & design freedom
◊ Minimum maintenance required; excellent durability
◊ Uniform brand presence
### Application Guide

<table>
<thead>
<tr>
<th>Material</th>
<th>Short-term</th>
<th>Medium-term</th>
<th>Long-term</th>
<th>Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fome-Cor® ValuBoard™</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Fome-Cor® Board</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Foam-X® Recovery</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Fome-Cor® Acid Free</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Fome-Cor® Self-Adhesive</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Fome-Cor® Heat Activated</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Fome-Cor® JetMount™</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>e-pvc™</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Sintra®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Gatorblanks®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Gatorplast®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Gatorfoam®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Gatorfoam® Exterior</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Banova®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>e-panelTM</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
<tr>
<td>Dibond®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td></td>
</tr>
</tbody>
</table>

Trialing is recommended to ensure suitability for the proposed application before full-scale commercialization.

- ☐ Short-term application life
- ● Medium-term application life
- ■ Long-term application life
- □ Applications such as workzone signage, canopies, pylons, and column covers
- ★ BLACK GATORFOAM IS NOT RECOMMENDED FOR OUTDOOR USAGE

### Fabrication Guide

<table>
<thead>
<tr>
<th>Material</th>
<th>Mounting</th>
<th>Resin Bonding</th>
<th>Vinyl Bonding</th>
<th>Printing</th>
<th>Knife Cutting</th>
<th>Saw Cutting</th>
<th>Die Cutting</th>
<th>Punching</th>
<th>Sand Blasting</th>
<th>Bending</th>
<th>Framing</th>
<th>Curves</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fome-Cor® ValuBoard™</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Fome-Cor® Board</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Foam-X® Recovery</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Fome-Cor® Acid Free</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Fome-Cor® Self-Adhesive</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Fome-Cor® Heat Activated</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Fome-Cor® JetMount™</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>e-pvc™</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Sintra®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Gatorblanks®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Gatorplast®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Gatorfoam®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Gatorfoam® Exterior</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Banova®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>e-panelTM</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
<tr>
<td>Dibond®</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
<td>☐</td>
</tr>
</tbody>
</table>

Trialing is recommended to ensure suitability for the proposed application before full-scale commercialization.

- 0 Archival conservation mounting
- 1 Cold mounting techniques only
- 2 Face priming will provide better results
- 3 Do not expose polystyrene to solvent-based paints
- 4 1-3mm may be cut with a knife or blade
- 5 May be die cut in gauges up to 5mm or 3/16”
- 6 Punch press die set is required
- 7 Porous nature of balsa wood causes inks to absorb into surface resulting in less vibrant colors; Banova® Print is recommended
SUSTAINABILITY

ENVIRONMENTAL AWARENESS

Sustainability and environmental protection represent an increasingly important topic in corporate identity design. Brands need to communicate dependable values in the field of sustainability. Especially in the case of corporate architecture, decision makers place great emphasis on the use of material which has been produced taking ecological and social factors into account. Increased environmental awareness and the demand for more sustainability are becoming essential criteria in prospective buyer’s decision-making process.

Sustainable involvement and environmental protection have long been amongst our fundamental corporate objectives at 3A Composites. As a globally active enterprise, 3A Composites is aware of its responsibility and has been an active campaigner for sustainability for many years.

Our three production sites in the United States are certified in accordance with ISO 14001, which establishes globally recognized requirements for environmental management. A strong linkage of management systems for quality (ISO 9001), environmental protection (ISO 14001), and occupational safety (OHAS 18001) is an important objective for us, as it leads to improved integration of environmental protection tasks into the operative processes.