

100% Paper - 100% Recyclable - 100% Unique

## THE UNIQUELY SUSTAINABLE, 100% PAPER DISPLAY BOARD

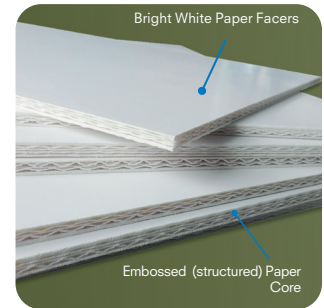
- DISPA® is the new paper board from 3A Composites, comprised of a uniquely laminated core of embossed/structured paper with flat, smooth facers ideal for printing
- The embossed structure that forms the central layer of DISPA gives it strength & rigidity, and prevents “read-through” or “fluting” that occurs when corrugate material is printed
- Excellent for digital and screen printing applications
- Good for CNC cutting as well as die cutting
- Can be V-cut or creased and folded to create dimensional displays
- Extremely lightweight for easy handling & installation
- Good dimensional stability - signs stay flat
- Fast, efficient, and easy processing - even with hand tools
- Available in an interior and exterior grade product
- Made of 100% FSC® Certified paper (FSC® - C169891)
- 100% Recyclable!

### DISPA | A Uniquely Sustainable Solution

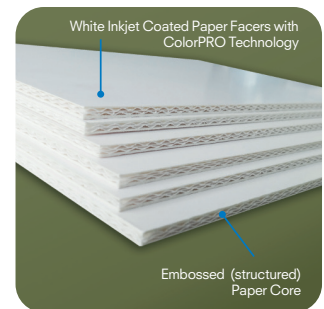
- Bright white, smooth paper surfaces provide excellent print results
- Ideal for pre-printed double-sided offset litho sheet lamination
- Excellent solution for short term, interior promotional campaigns

### NEW! DISPA SIRIUS | Color Excellence in Digital Printing

- Premium paper facers with ColorPRO Technology optimized for digital printing
- Delivers sharp details, lines & text for clear, eye-catching graphics
- Specialized paper designed for enhanced color saturation, rapid ink absorption, & fast dry time



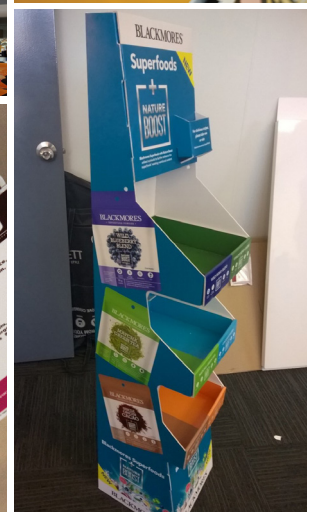
DISPA



DISPA SIRIUS

## APPLICATIONS

- POP / POS Displays
- Hanging Signage
- Window Displays
- Tradeshows & Exhibitions
- Promotional Campaigns
- Reprographics
- 3-Dimensional Displays
- Sophisticated Packaging



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## PRODUCT AVAILABILITY

	Gauges	Facers	Core	Sheet Sizes
DISPA	3.8mm (0.15")	Bright White Coated Paper	White Embossed Paper	49.2" x 90" 48" x 96"
DISPA SIRIUS	3.3mm (0.13")	White Uncoated Paper with ColorPRO Technology	White Embossed Paper	B1 standard; (700mm x 1000mm / 27.6" x 39.4")

## TECHNICAL DATA

	DISPA	DISPA SIRIUS
<b>Weight per Unit Area</b> (approx.)	850 g/m <sup>2</sup>	790 g/m <sup>2</sup>
<b>Thickness</b>	3.8 +/- 0.4mm	3.3mm +/- 0.4mm
<b>Surface Smoothness</b>	275 (ISO 5627)	11-12 (DIN 53107)
<b>CIE L*a*b*</b> (approx.) L* = brightness (0=black; 100=white) a* = red-green (-120=green; 120=red) b* = yellow-blue (-120=blue; 120=yellow)	L* = 94 a* = 0.4 b* = 1.5	L* = 94.3 a* = 1.1 b* = 1.9
<b>PH-value</b> (Neutral = 7)	8.6 (DIN 53124)	8.6 (ISO 6588)
<b>Bending (Flexural) Strength</b>	3.5 N/mm <sup>2</sup> (DIN 53423)	3.0 N/mm <sup>2</sup> (EN 310)
<b>Width Tolerance</b>	+/- 5mm	
<b>Length Tolerance</b>	+/- 5mm	

## PROCESSING

- **Printing:** High quality results for UV-digital flatbed printing
- **Cutting:** Individual boards can be easily cut with a utility knife, or several can be cut with a guillotine or shear
- **CNC Processing:** For round shapes, an oscillating tool is recommended; for straight edges, drag tools are recommended; for V-groove cuts only new and sharp tools should be used.
- **Laminating:** Two-sided lamination is recommended; starch glue dries slower and the board retains its flatness better
- **Gluing:** Any kind of glue for paper can be used
- **Hanging:** Eyelets for banners are recommended

\*For additional processing guidelines, please refer to the complete Fabrication Guide on the website.

