

## MATERIAL DESCRIPTION

Coala Air Board 3D is a light weight & extremely rigid display board with white coated paper surfaces and natural kraft paper honeycomb core structure inside. Thanks to a small core cell size, Coala Air Board 3D is very strong and can be form into many shapes. Easy to cut, suited for UV inkjet printing and screen printing, Coala Air Board 3D is an economical and ecological alternative to traditional synthetic rigid substrates for indoor applications.

## PRINTER & INK COMPATIBILITY



## PRODUCT STRUCTURE

- Natural kraft paper core (recycled paper)
- Core cell size 8mm
- Compression resistance 25 Ton/m<sup>2</sup>
- Moisture content < 11%
- Glue: PVaC
- Facings: 500g/m<sup>2</sup> white coated paper (virgin pulp)
  - Whiteness 92 % (iso 11475)
  - Brightness 82 % (iso 2470-1)
  - Smoothness PPS10: 3.5 µm (iso 8791-4)
  - Gloss: 49 % (iso 8254-1)
- Plate weight
  - 1,5 Kg/m<sup>2</sup> in 10mm thickness
  - 1,7 Kg/m<sup>2</sup> in 16mm thickness
- Tolerances
  - Squareness +/- 3mm
  - Length +/- 3mm
  - Width +/- 2mm
  - Thickness +/- 0.3mm
- Plotter possibilities
  - Cut
  - Crease
  - Slit-score
  - Cookie-Cut
  - V-Score
  - V-Notch (16mm only)

### SHELF LIFE

- Store in the original packaging at temperature 8-25°C, humidity 55-65%



## PLATE THICKNESS

10  
mm

16  
mm

## APPLICATIONS

- Promotional, signage and decorative applications
- Retail displays, temporary and semi-permanent point-of-purchase units, 3D and exhibit structures

## BENEFITS

- Excellent print quality
- Easy to cut
- Strong adhesion, no delamination from the core
- 100% Eco-Friendly, all natural, renewable virgin and post-consumer recycled fibers
- FSC certified
- PVC-free, phthalate-free
- 100% recyclable
- Available bulk packed or in boxes



The following technical details are issued to the best of our knowledge, however, without any responsibility for results due to several different kinds of material and application processes. Therefore, we highly recommend that before every usage a test should be conducted on the original material. Antalis cannot be responsible for any damage to the printer caused by printing our media.