

Changing the way we think about paper honeycomb + board





The mark of responsible forestry

# **3D:** Technical

### BOARD THICKNESSES AND STANDARD SHEET SIZES

(BESPOKE SPECIFICATIONS AVAILABLE UPON REQUEST)

Thickness	2440mm x 1220mm	3000mm x 1600mm	
10mm	•	•	
16mm	•	•	

### TOLERANCES

Technical Feature	Tolerance	
Length	+/- 2mm	
Width	+/- 2mm	
Total Thickness	+/- 0.5mm	
Diagonal Difference per Metre	+/- 2mm	

### PERFORMANCE CHARACTERISTICS

Technical Feature	Standard	10mm	16mm
Weight kg/m <sup>2</sup> (50% RH 23°C)	ISO 536:1997	1.22	1.6
Bend Stiffness MD (Nm)	ISO 5628	122	325
Bend Stiffness CD (Nm)	ISO 5628	68	178
Puncture Test (LPET J)	DIN 53412.2	< 6	< 12
Flat Crush Test Kg/m <sup>2</sup>		147,000	183,000

### PRINTABLE SURFACE

CIE Whiteness (D65 – 10°)	ISO 11475	120
Gloss 75°	ISO 8254 – 1	65%
Smoothness PPS S10µm	ISO 8791 – 4	1.3
Opacity	T 425	99%





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REGISTERED ADDRESS: DUFAYLITE DEVELOPMENTS LTD CROMWELL ROAD ST NEOTS CAMBRIDGE PE19 1QW. REGISTERED IN ENGLAND AND WALES NO. 56002. VAT REGISTRATION NO. 745 9261 07



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# **3D:** Sustainability

## PAPER

### Virgin fibre paper sourced from a raw material supplier that has:

- PEFC chain of custody.
- FSC<sup>TM</sup> chain of custody certification.
- FSC<sup>TM</sup> controlled wood certificates.

### GLUE

- Water based.
- VOC free.
- PFAS free.
- Manufactured to ISO14001.

### Dufaylite manufacture to:

- ISO 14001.
- Carbon Neutral.
- FSC<sup>™</sup> Chain of Custody Certification.

Our boards are recyclable and repulpable Manufactured to ISO 14001 driving continual improvements to reduce our environmental impact in waste and energy.

Up to 45% lighter than corrugated centred alternatives, that's a lot less paper!

Made in the UK

Dufaylite reduces its waste to a minimum, but it's not always possible to eradicate all waste so we ensure it's recycled.



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