



Graphic & Display Division

XL Display Board

Product Information Sheet

XL Display Board is manufactured using 2 plies of 350 micron/205 Gsm white lined folding boxboard on the front and rear surfaces. The folding box board has a coating weight of 20 grams per square meter with medium gloss levels to give a good print result. The front and rear surfaces are produced in Europe from trees grown in sustainable forests. They are elemental chlorine free, 100% recyclable, bio-degradable with FSC and PEFC accreditation.

The inner plies depending upon calliper will be one or two plies of unlined greyboard. It is produced in Europe using 100% recycled waste paper. No virgin fibre, bleach or chlorine is used in its manufacture. The material is 100% recyclable, bio-degradable, PEFC and FSC accredited. Preston Board distributes the XL Display Board with full FSC accreditation.

The adhesive used to laminate the various plies together is a poly vinyl acetate and represents approximately (depending on caliper) 3% of the total product and causes no problems in the recycling process of the material stated above.

We at Preston Board are fully aware of the products (raw materials) we purchase to produce our display board and continually monitor any changes that may have a detrimental effect on the environment.

Litho grade

The litho grade is made in the same way as above laminating two plies of folding box board together without the greyboard centre. Again this material is 100 % recyclable and comes with full FSC Accreditation.

Technical Information

Printing Process	- Screen, Digital, Offset, Litho Flexo
Suitable Printing Inks	-Conventional Screen, UV/IR Waterless Offset
Surface will Accept	-Varnish
Conversion	-Die Cutting, Drilling and Gluing

Caliper Range

750, 1000, 1100, 1250, 1500, 1750, 2000 and 2500 microns

Standard Stock Raw Material Reel Widths

1060mm – 1087mm - 1270mm - 1620mm

Display Board

Maximum Sheet Sizes 2000mm x 3000mm

Recycled Content of Preston Boards Display

<u>Microns</u>	<u>%</u>	<u>Microns</u>	<u>%</u>
750	Nil	1500	45
1000	Nil	1750	52
1100	Nil	2000	57
1250	37	2500	67

Storage / Conversion

Display board must remain wrapped until ready for conversion or printing. Storing in a stable environment is imperative. Recommended RH 45% - 68%. Temperature not to exceed +25c.

CRUSADE DISPLAY

Crusade Display is an exceptional double side coated display board. Made by back-to-back & multi-ply lamination process. The printing surfaces are therefore identical.

Crusade Display contain a combination of virgin and recycled liners. Product offers excellent rigidity and superior flatness.

Crusade Display has a silk coated surface offering high level of whiteness and smooth surface for excellent print results.

Crusade Display contains woodpulp from well managed forests certified in accordance with the rules of the Forest Stewardship Council® (FSC®).

Crusade Display offers an eco-friendly alternative to mineral oil-based panels such as foam boards, foam PVC and other plastic composites for indoor display purposes.

Crusade Display is available in a wide variety of standard width and calipers with MOQ from as little as 2 tonne per item.

Crusade Display is fully recyclable and manufactured to precise and controlled standards. Preston Board is registered under the ISO 9001:2015 quality assurance scheme and the ISO 14001:2015 environmental standard.

GSM	Micron	PT
420	700*	28
570	1000*	40
600	1100*	44
775	1250	50
900	1500	60
1140	1750	70
1230	2000	80
1660	2500	100
1530	3000*	120
2230	5000*	200
Tolerance		
+/-7.5%		

*product made from 100% virgin fibres

PPS 10 Smoothness	µM
	<1.4

CIE Whiteness	D65-10°
	93

All data are typical figures and may be subject to technical change.

PRINTING & CONVERSION

Crusade Display

420 – 600 gsm is suitable for offset litho • large format digital flatbed • silk screen printing processes.

775 – 2230 gsm is suitable for suitable for large format digital • silk screen printing processes.

Crusade Display is recommended for conversion applications involving UV, water-based and conventional varnish • foil and film lamination • embossing • die cutting, creasing, grooving, perforating, cutting and scoring.

Large format size possible up to 2000 x 3200mm.

**CRUSADE DISPLAY IS DESIGNED FOR THE FOLLOWING APPLICATIONS:
POS/POP DISPLAY › HANGING SIGNS › FREE STANDING SIGNS
COUNTER CARDS › PROMOTIONAL CARDS**



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