



VANGUARD

TECHNICAL  
SERVICES  
DOCUMENT

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MANUFACTURED IN GREAT BRITAIN

# VANGUARD

Designed primarily for print application, Vanguard is a collection of smooth uncoated papers available in a kaleidoscope of colour options. Thoughtfully crafted with upcycled coffee cups, every sheet of A4 contains the equivalent of 0.5 cups.

From soft on trend pastels with understated elegance, through to intense bolds and cheerful bright shades, the new Vanguard palette offers freshness, positivity and a colour for every occasion.

Available in two sheets sizes (SRA2 and B1) and with high opacity, Vanguard is ideal for the production of printed items. Matching paper and board weights allow for the production of coordinated items.

**FibreBlend**  
UPCYCLED TECHNOLOGY

UP TO 40% UPCYCLED  
COFFEE CUPS



## APPLICATIONS

Vanguard has been developed with the end application in mind. Our range of weights are well suited for various stationery requirements. Of course, there is no limit to how our papers can - and have - been used.



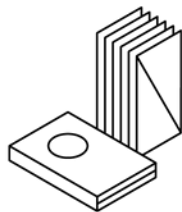
120 GSM  
LETTERHEAD & ENVELOPES



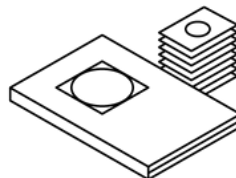
200 MIC / 157 GSM  
POSTERS & BROCHURES



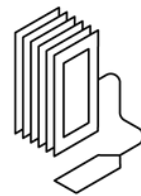
230 MIC / 181 GSM  
POSTERS & BROCHURES



300 MIC / 236 GSM  
BROCHURE COVER &  
INVITATIONS



380 MIC / 299 GSM  
PRESENTATION FOLDERS &  
BUSINESS CARDS



750 MIC / 620 GSM  
INVITATIONS & TAGS

## PRINT SUITABILITY

- Dry Toner
- Flexography
- Foil Blocking\*
- HP Indigo Version Available
- Inkjet
- Letterpress
- Lithography
- Relief Processes
- Silkscreen

\*Testing recommended





Plastic is reprocessed



SORTING & BALING



CUP COLLECTION



PLASTIC STRIPPED  
FROM FIBRE



CUPCYCLING™



RECYCLE  
AFTER USE



FIBRE FOR PAPERMAKING  
AND MOULDED FIBRE

NEW PRODUCTS



The Vanguard collection is a snapshot of our colour capability, with items available to order from our warehouse stock.

Now made with up to 40% CupCycling™, each shade in the Vanguard range transforms reclaimed coffee cups into bright and beautiful papers, providing a second life to used coffee cups.

TECHNICAL DATA

							Tolerance
Thickness/gsm:	120 gsm	200 mic	230 mic	300 mic	380 mic	750 mic	±5%
Bendsten Roughness ml/min:	250	250	250	250	450	800	TARGET
White only:	250	350	350	350	450	800	TARGET
Biscuit only:	600	600	600	600	600	600	TARGET
Cobb (1 min) g/m:	25	25	25	25	25	25	TARGET
	35	35	35	35	35	35	MAXIMUM
Dennison Wax Pick / Clear:	14	14	14	14	14	14	MAXIMUM
Moisture %:	6	7.5	7.5	7.5	7.5		NOMINAL
Rel. Humidity:						50	-10 +15

ENVIRONMENTAL CREDENTIALS



FULLY  
RECYCLABLE



CHP  
RECYCLING  
ENERGY



ELEMENTAL  
CHLORINE  
FREE



REACH  
COMPLIANT  
(EC NO  
1307/2006)



CUPCYCLING™ + FRESH

FIBRES RECOVERED FROM USED  
COFFEE CUPS AND VIRGIN WOOD  
FROM RESPONSIBLY MANAGED  
SOURCES



The mark of  
responsible forestry

SHEET SIZES & WEIGHTS

	120 gsm	157 gsm	181 gsm	236 gsm		299 gsm		620 gsm
		200 mic	230 mic	300 mic		380 mic		750 mic
	SRA2	B1	SRA2	SRA2	B1	SRA2	B1	SRA2
Biscuit	*	*		*		*	*	
Black	*	*		*	*	*	*	
Blush	*	*		*		*	*	
Celestial Blue	*	*		*	*	*	*	
Cherry			*	*		*		
Cobalt Blue				*				
Cream Vellum	*	*	*	*	*	*	*	
Daffodil	*	*	*	*		*	*	
Dark Grey				*	*			
Deep Blue	*	*	*	*	*	*	*	
Emerald Green	*	*	*	*		*	*	
Gold	*		*	*		*		
Ivory	*		*	*		*	*	
Jade	*		*	*	*	*		
Lilac				*		*		
Lime Green			*	*		*		
Marine Blue	*			*		*		
Navy Blue				*		*		
Orange	*	*	*	*	*	*	*	
Peppermint	*	*		*		*	*	
Pink	*	*		*		*	*	
Raspberry			*	*				
Red	*	*	*	*	*	*	*	
Silver Grey	*	*	*	*		*	*	
Sunlight Yellow	*		*	*	*	*		
Violet	*	*	*	*		*	*	
White	*	*		*	*	*	*	*