



VANGUARD

TECHNICAL  
SERVICES  
DOCUMENT

JAMES CROPPER

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.

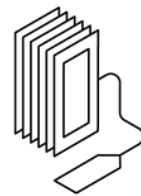
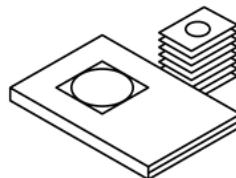
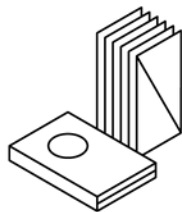
**FibreBlend**  
UPCYCLED TECHNOLOGY

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.



## PRINT SUITABILITY

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

\*Black not suitable for metallic foiling \*\*Testing recommended






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	250	800	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 gsm
	SRA2	B1	SRA2	SRA2	B1	SRA2	B1	SRA2
Biscuit	*	*		*		*	*	
Black	*	*		*	*	*	*	
Blush	*	*		*		*	*	
Celestial Blue	*	*		*	*	*	*	
Cerise				*				
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	*	*		*	*	*	*	*