

**JAMES
CROPPER**

EST. 1845

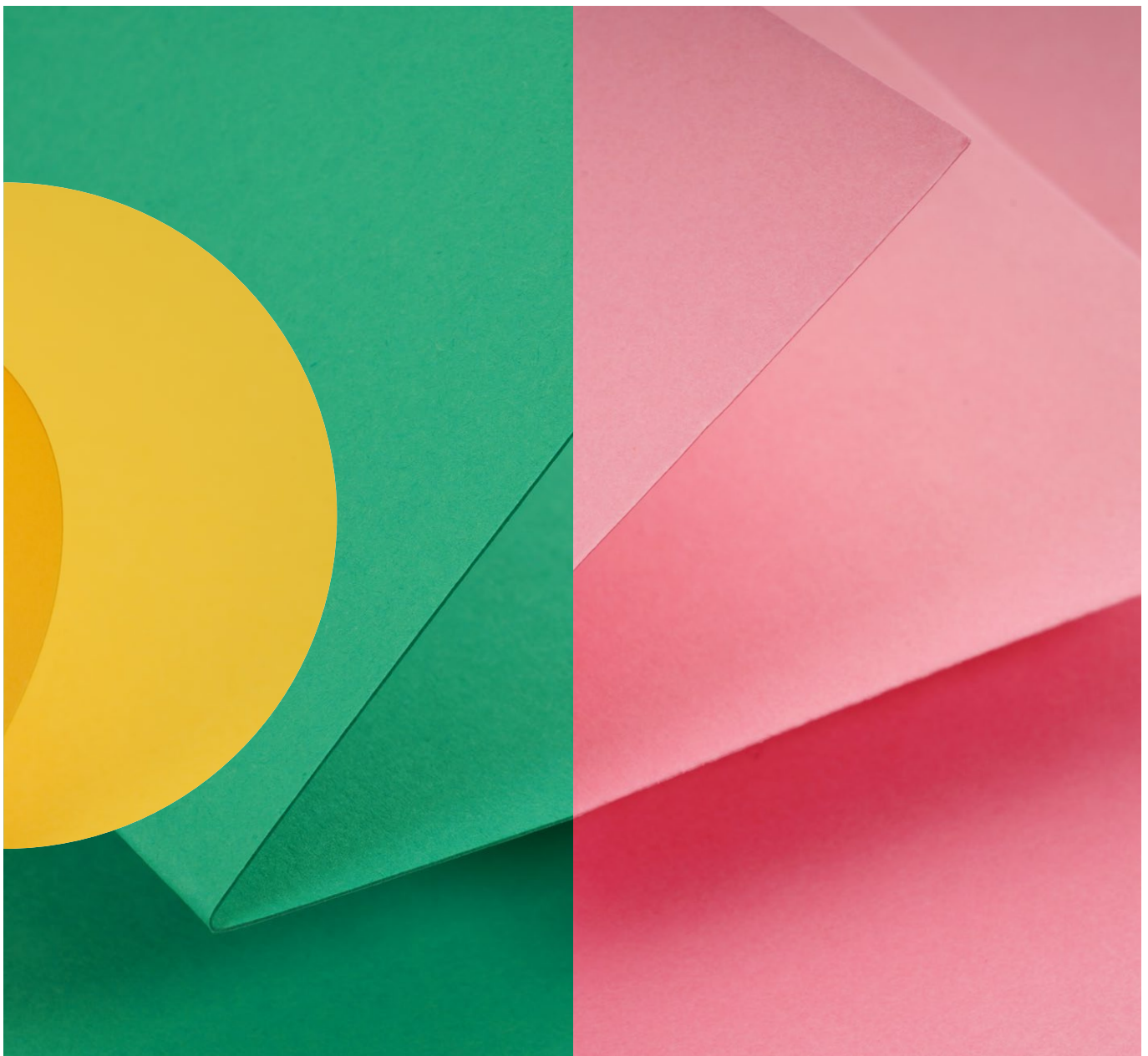


TECHNICAL SERVICES DOCUMENT

VANGUARD

TARGET SECTOR

Graphic Print



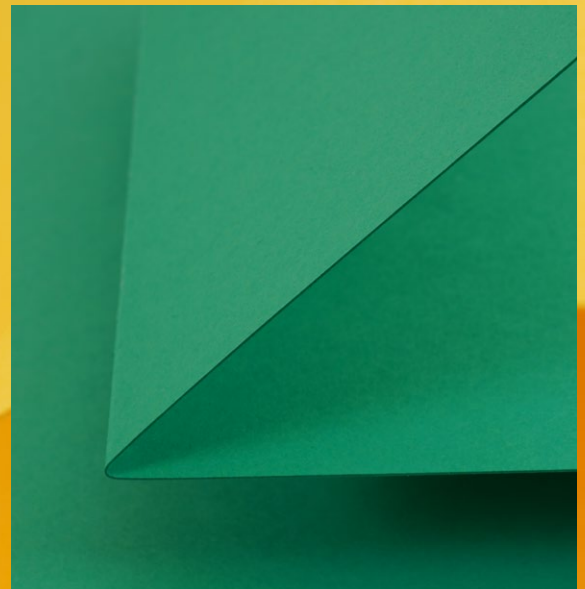
MANUFACTURED IN GREAT BRITAIN

VANGUARD

**Designed primarily for print application,
Vanguard is a collection of smooth uncoated
papers available in a kaleidoscope of colour options.**

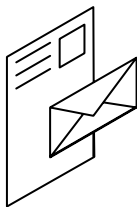
From soft on trend pastels with understated elegance, through to intense bolds and cheerful bright shades, the new Vanguard palette offers freshness, positivity and a colour for every occasion.

Available in two sheet 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.



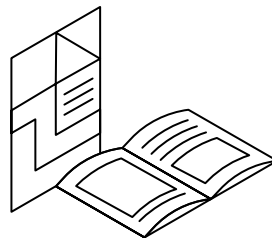
APPLICATIONS

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.



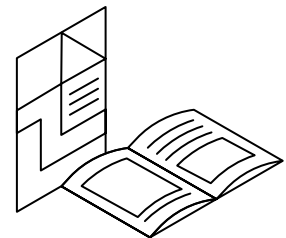
120 gsm

Letterhead and envelopes



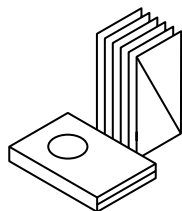
200 mic

Posters and brochures



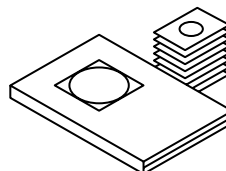
230 mic

Posters and brochures



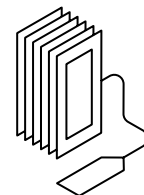
300 mic

Brochure covers and invitations



380 mic

Presentation folders and business cards



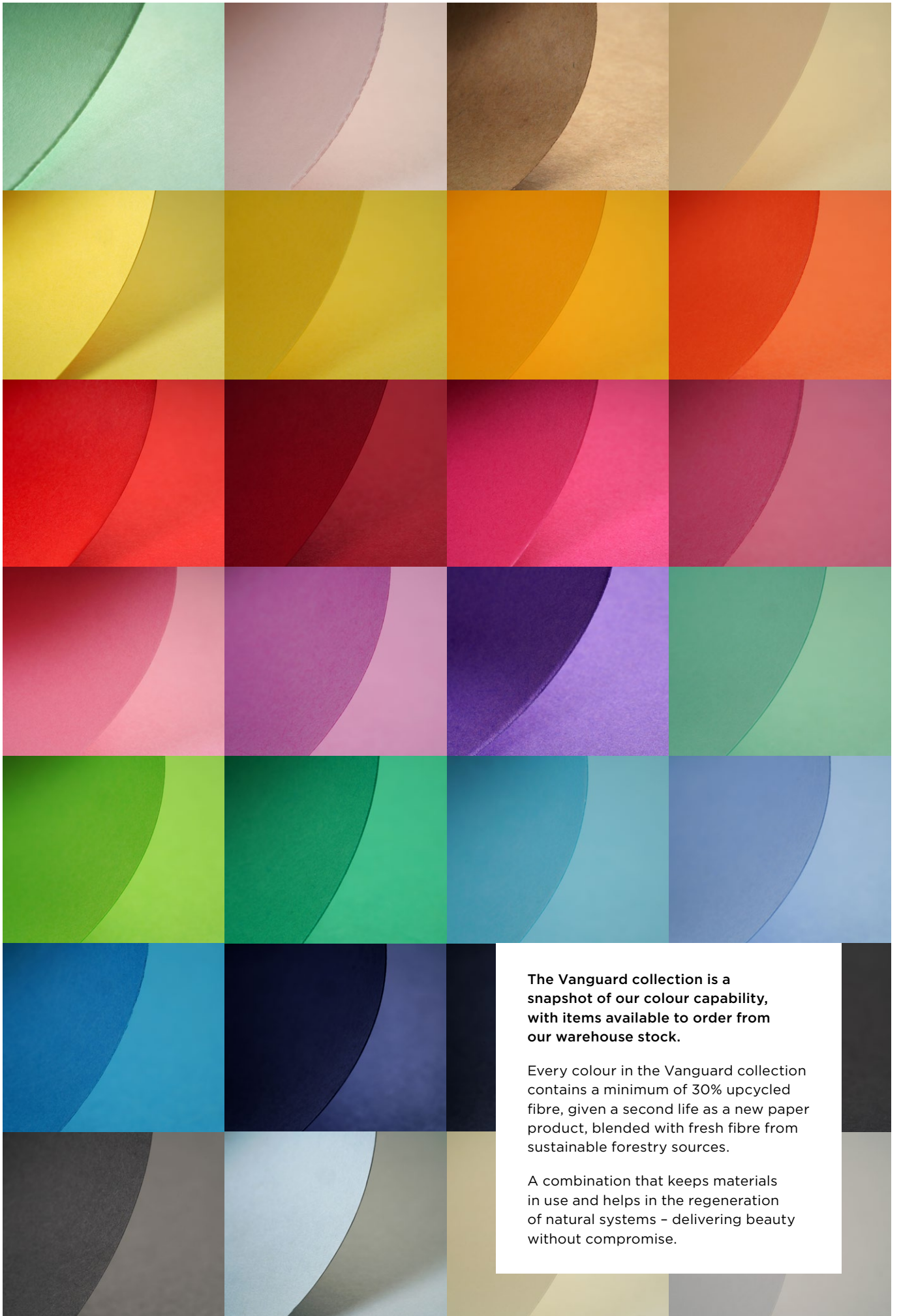
750 mic

Invitations and tags

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.

Every colour in the Vanguard collection contains a minimum of 30% upcycled fibre, given a second life as a new paper product, blended with fresh fibre from sustainable forestry sources.

A combination that keeps materials in use and helps in the regeneration of natural systems – delivering beauty without compromise.

TECHNICAL DATA

	120 gsm	200 mic	230 mic	300 mic	380 mic	750 mic	Tolerance
Thickness/gsm :	120 gsm	200 mic	230 mic	300 mic	380 mic	750 mic	+ - 5%
Bendtsen 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	MINIMUM
Moisture %:	6	7.5	7.5	7.5	7.5		NOMINAL
Rel. Humidity:						50	-10+15

MILL CERTIFICATIONS

- ISO 14001:2015 cert. no. EMS 57536
- ISO 9001:2000 cert. no. FM 10048
- ISO 50001:2011 cert. no. ENMS 623280
- ISO 45001:2018 cert. no. OHS 93474
- FSC® STD-40-004 cert. no. TT-COC-002177
- PEFC/ 16-44-002 cert. no. BMT-PEFC-0252
- Manufactured in Great Britain
- Black not suitable for metallic foiling

ENVIRONMENTAL CREDENTIALS



Fully Recyclable



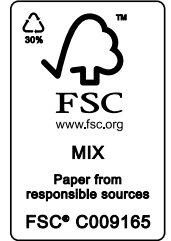
CHP Recycling Energy



Elemental Chlorine Free



REACH Compliant (EC No 1272/2008)



SHEET SIZES AND WEIGHTS

	120 gsm		157 gsm	181 gsm	236 gsm		299 gsm		620 gsm
	SRA2	B1	200 mic	230 mic	300 mics		380 mics		750 mics
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	*	*		*	*	*	*	*	*

JAMESCROPPER.COM | +44(0) 1539 818240 | BURNESIDE MILLS, KENDAL, CUMBRIA. LA9 6PZ. GB

CUSTOMERSERVICE@CROPPER.COM JAMESCROPPER.COM/PRODUCTS/THE-MILL-COLLECTION/VANGUARD