



## Data Sheets

### ENVIRO GLOSS & SATIN

Enviro is a high quality art paper. It is available with a high gloss finish or a soft non glare finish.

ISO 14001 environmental accreditation

ECF - Elemental Chlorine Free = Oxygen Bleached

IPPC - Integrated Pollution Prevention & Control

55% Recycled, 45% FSC certified virgin fibre

Wood source comes from plantations, Sustainable forest and forest thinning, waste wood from timber industry



### TECHNICAL INFORMATION:

#### GLOSS

130gsm	Ums: 92	Brightness: 94%	Opacity: 95%	Paper Gloss: 78%
170gsm	Ums: 123	Brightness: 94%	Opacity: -	Paper Gloss: 78%
200gsm	Ums: 148	Brightness: 94%	Opacity: -	Paper Gloss: 78%
250gsm	Ums: 196	Brightness: 94%	Opacity: -	Paper Gloss: 78%
300gsm	Ums: 242	Brightness: 94%	Opacity: -	Paper Gloss: 78%
350gsm	Ums: 276	Brightness: 94%	Opacity: -	Paper Gloss: 78%

#### SATIN

130gsm	Ums: 110	Brightness: 95%	Opacity: 95%	Smoothness: 400
170gsm	Ums: 145	Brightness: 96%	Opacity: -	Smoothness: 400
200gsm	Ums: 177	Brightness: 96%	Opacity: -	Smoothness: 300
250gsm	Ums: 225	Brightness: 97%	Opacity: -	Smoothness: 250
300gsm	Ums: 270	Brightness: 97%	Opacity: -	Smoothness: 250
350gsm	Ums: 306	Brightness: 97%	Opacity: -	Smoothness: 250





## Data Sheets

### Substrate Evaluation Report - Enviro Satin 130gsm

Evaluation	Measure	Result	Grade (# stars)	Notes
Runability			3	
Simplex	# Jams	0		
Duplex	# Jams	0		
Fixing			3	none
Peeling	100% K in 4 colour mode, % ink remaining	99%		99% after 1 hr
	100% K in monochrome mode, % ink remaining	99%		99% after 1 hr
Flaking	<1mm, % Coverage	300%		
Blanket Compatibility			2	
Evaluation Result	pass/fail	PASS		

### Substrate Evaluation Report - Enviro Gloss 130gsm

Evaluation	Measure	Result	Grade (# stars)	Notes
Runability			3	
Simplex	# Jams	0		
Duplex	# Jams	0		
Fixing			1	none
Peeling	100% K in 4 colour mode, % ink remaining	79%		99% after 1 hr
	100% K in monochrome mode, % ink remaining	73%		99% after 1 hr
Flaking	<1mm, % Coverage	250%		
Blanket Compatibility			2	
Evaluation Result	pass/fail	PASS		





# Data Sheets

## Substrate Evaluation Report - Enviro Gloss 350gsm

Evaluation	Measure	Result	Grade (# stars)	Notes
Runability			3	
Simplex	# Jams	0		
Duplex	# Jams	0		
Fixing			1	none
Peeling	100% K in 4 colour mode, % ink remaining	94%		99% after 1 hr
	100% K in monochrome mode, % ink remaining	75%		99% after 1 hr
Flaking	<1mm, % Coverage	200%		
Blanket Compatibility			2	
Evaluation Result	pass/fail	PASS		

The substrate certificate procedure incorporates several processes. An initial screening evaluation is followed by a more comprehensive evaluation looking at the performance of the particular substrate within the press. This checks for:

**Runability:** The ability of the substrate to run smoothly through the press  
**Fixing:** Ink substrate interaction as reflected in: the degree of ink fixing to the substrate - the adhesion as measured in a tape peel test of the image. The degree of flaking of the ink layer. The fixing properties are measured through a wide range of blanket temperatures.

**Blanket Compatibility:** Ink transferability - the quality of ink transfer from the blanket to the substrate as reflected in highlight dots, thin lines, heavy images and image edge integrity. Blanket substrate compatibility - the interaction between the substrate and the blanket is checked for "Blanket Memory" effect reflected in gloss or density differences between solids and background areas of the previously printed image. Cleaner pages - Blankets are routinely maintained by running "cleaner pages", a self cleaning method of used to refresh the blanket's release layer.



### Star Rating

**3 star** \*\*\* 3 star best performing papers, fewer print cleaners needed, no blanket memories at least up to 12,000 impressions

**2 star** \*\* recommended papers, some print cleaners may be needed; slight memories may be seen at 12,000 impressions

**1 star** \* good papers, print cleaners generally required, some memories may be seen at 12,000 impressions. Approved tape test after 1 hour

