



## TECHNICAL SPECIFICATIONS

### FINE ART RANGE COTTON RAG BRIGHT WHITE 310GSM

#### PRODUCT DESCRIPTION

This museum quality paper, free from both lignin and acid, offers a bright white surface and a gentle textured surface.

#### FEATURES

- Bright white
- Archival (acid and lignin free)
- Instant dry
- Aqueous pigment & dye ink compatible
- Excellent colour gamut
- Exceptional D-max
- 100% Cotton fibres

#### APPLICATIONS

- Fine art photographic open and limited edition prints
- Fine art and fine photographic reproduction and restoration
- Art and photo portfolios
- Photo albums, memory books and wedding albums
- Greeting cards and postcards

Basic Weight (gsm)	310
Paper Thickness (microns)	460
Base Material	100% Cotton
Coating Type	Matt
Surface Texture	Gentle texture
Whiteness (CIE)	136
Brightness (TAPPI)	110
OBA Content	Low/medium
pH	7.5 - 9.5
Profiles	Generic and custom ICC profiles are available from <a href="http://paperspectrum.co.uk">paperspectrum.co.uk</a>
Sizes	7x5", 17" roll, 24" roll, 36" roll, 44" roll, A2, A3+, A3, A4 (folds to A5), A5 (folds to A6), A5 postcard, A6 postcard, 140 square

#### PRINT ADVICE

In order to achieve vibrant and 'punchy' prints on Pinnacle Cotton Rag Bright White paper, it is important to engage the matt black ink. The media/paper settings below will do this by laying down the correct amount of ink. If the photo black is engaged by selecting a gloss/lustre/semi-gloss paper, the image will lack vibrancy and look dull.

#### QUALITY

We recommend using standard rather than 'best quality'. We find that in general, 'best quality' does not improve the quality of the image. Instead, it can lay down too much ink, which thickens fine lines, wastes ink and adds to the cost.

#### PRINT SETTINGS

EPSON SHEET FED PRINTER - Photo quality paper (in the matt paper section under 'media type')

EPSON ROLL FED PRINTER - Double weight matt

CANON PRINTER - Matt photo paper

#### HANDLING & STORAGE

- All digital fine art papers and canvases are fragile and should be handled with extreme care. Try not to touch the surface of the paper, always hold the paper by the edges and wear cotton gloves if necessary.
- Return unused material to the original box and only store finished prints in archival quality packaging.
- After printing, leave prints open to the air to completely dry (24 hours is recommended). Do not stack prints on top of each other straight away.
- Using a giclee varnish or spray will help protect your print from damage, effects of UV light and environmental attack.

#### CONDITIONS OF USE

- The recommended climate for storage of all papers is 15-20°C, with a relative humidity of 40-60%. Always store in original packaging, out of direct sunlight and protected from moisture.
- Do not exceed temperatures of 82°C (180°F) when dry mounting.

All recommendations are for your guidance only. These are subject to test criteria, which remain subject to change without prior notice.