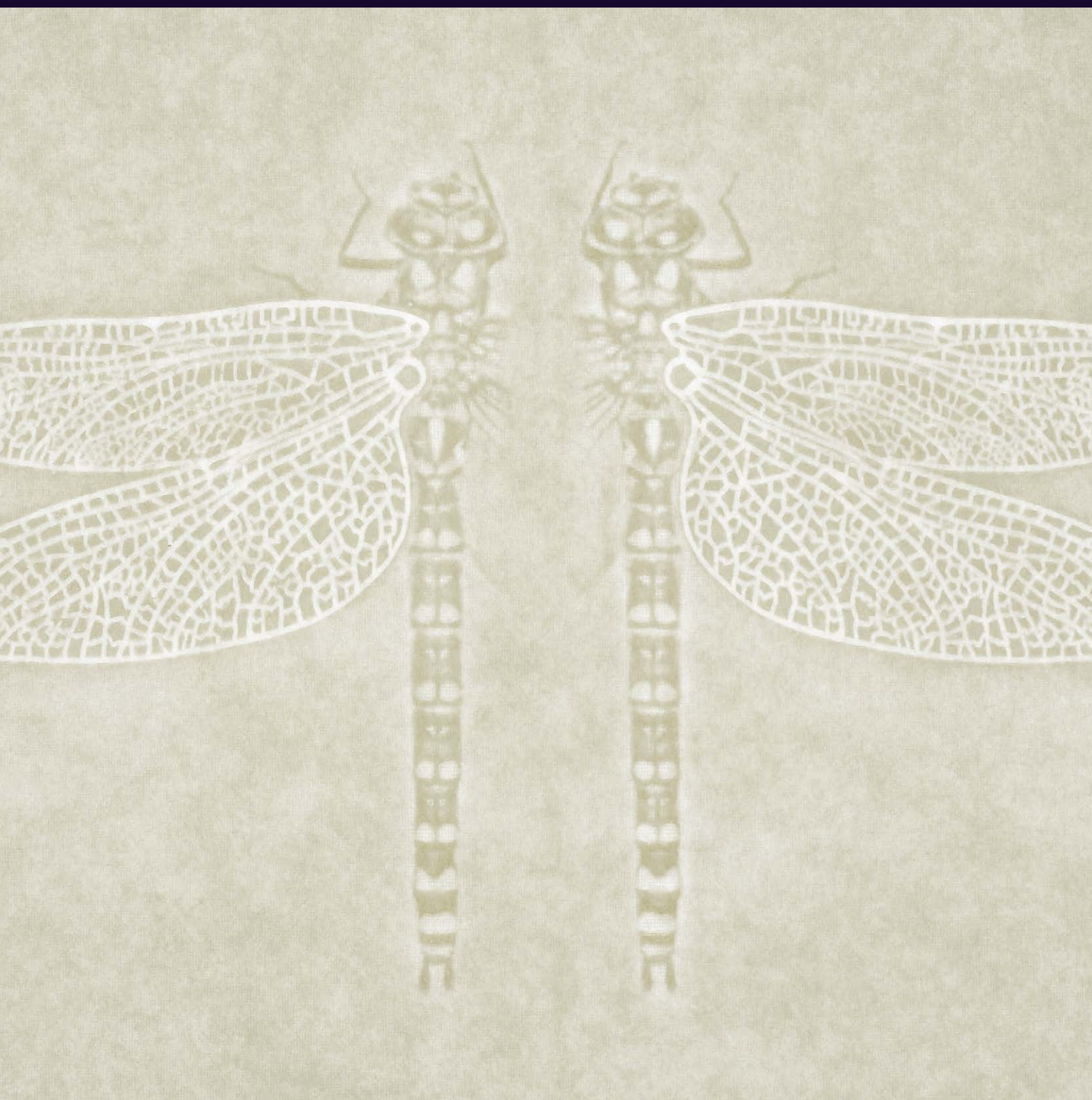




Electrotype Watermarks



Description

High contrast, surface visible watermark that appears lighter and brighter in the sheet than its surrounding area.

Threat countered

Counterfeiting and alteration.

Benefits to customer

- Very simple to understand and authenticate
- Can be personalised and bespoke
- Can be easily incorporated alongside a multi-tonal cylinder mould made watermark
- Allows you to have additional design features and highlights to overall watermark design
- Difficult to replicate
- Often used for page numbering to help prevent page substitution fraud
- No impact on printing process
- Can include a forensic level element

How it works

A raised design is created in metal and fused to the cylinder mould. As the sleeve comes into contact with the paper fibres, it disperses them out of the way leaving a visual imprint in the sheet.

Any additional info

- Traditional counterfeiting techniques struggle with replicating the effect of the electrotype watermark because it appears lighter and brighter than its surrounding area
- Can give the appearance of an embossed feature when combined with a thin film holographic laminate as used on a bio-data page
- Feature compliant with the recommendations laid out in ICAO document 9303 Part 2

