



PORTALS

Passport Datasheet

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



Find out more at portalspaper.com