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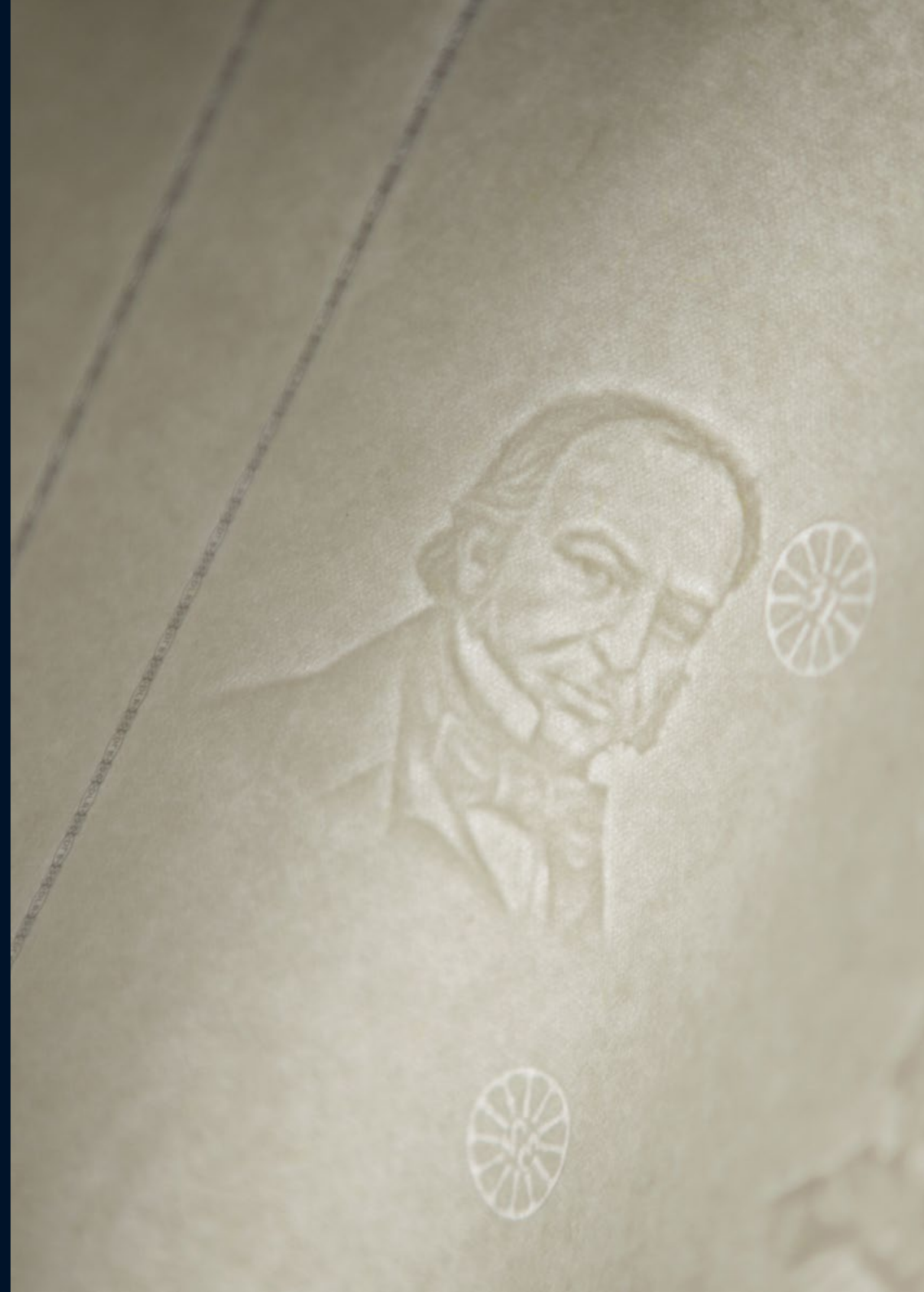
Security Paper

# Electrotypes and Textmark™

The first line of defence  
against the counterfeiter



PORTALS



**Mould made watermarks are in many ways the perfect security feature - they are difficult to accurately replicate, widely understood and easy to inspect.**

**Endorsed by Interpol, who recommend the use of mould made three dimensional multi-tonal watermarks, they are the security foundation of many security documents issued around the world.**

At Portals we strongly recommend the use of more complex watermarking techniques to make your document more secure.

Electrotypes provide a high contrast watermark highlight which can be incorporated alongside a three dimensional watermark or separately on the page design to provide additional security. They can also be used for page numbering in passports to help prevent page substitution fraud.

The latest advancement in watermark technology is Textmark™ which enables the integration of personalised bright and dark text into your chosen watermark design. The watermark continues to be easy to see and simple to explain, but the underlying technology is complex, making it difficult for the counterfeiter to copy.

Portals is proud to be one of the only paper manufacturers in the world dedicated to producing high-security, non-currency paper, on cylinder mould machines.



### Benefits

- Very simple to understand and authenticate
- Can be personalised, making every design unique
- No impact on printing processes
- Hard to replicate and counterfeit due to the complex design and manufacturing processes involved
- Simple to adopt
- Minimal cost impact

### Technical Information

Property	Impact of Electrotypes & Textmark™
Impact on paper weight (grammage)	None
Impact on paper thickness	None
Impact on physical resistance properties	None
Impact on printing processes	None
Compatible with all security threads	Yes
Compatible with security fibres	Yes
Compatible with chemical sensitisation dyes	Yes

### Contact

For more information on Portal's security paper or to find out more about our portfolio of security

features, please contact us at [info@portalspaper.com](mailto:info@portalspaper.com)