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Security Paper

Cornerstone[®] and Edgestone[™]

Enhanced paper
performance



PORTALS



Our paper needs to outlive the duration of the document – whether it is a passport that is used for many years or a birth certificate that needs to last a lifetime.

Two of the most common causes of failure for security document substrate are curling / folded corners and tears along the edges of the security document.

Through the use of patented technologies, specialist watermarks can be included during the paper manufacturing process to reinforce areas vulnerable to handling damage thus enhancing the papers functionality and performance.

Cornerstone® reduces instances of paper corner curling and folding via the addition of high density watermark rods that add structural rigidity to the paper.

Edgestone™ helps to prevent edges from tearing by strategically increasing the thickness of the paper along the edges of your document pages.



Benefits

- Improved appearance and performance of the security document
- Simple to adopt
- Minimal cost impact
- No impact on printing processes

Technical Information

Property

Impact of Cornerstone® & Edgestone™

Impact on paper weight (grammage)

Some impact due to increased density of protected areas – talk to us to understand more

Impact on paper thickness

None

Impact on physical resistance properties

Positive improvement to corner and edge stiffness

Impact on printing processes

None

Compatible with all security threads

Yes

Compatible with foil stripes

Yes

Compatible with cash processing machines

Yes – no modifications required

Compatible with ATMs

Yes – no modifications required

Contact

For more information on Cornerstone® and Edgestone™ or to find out more about our

portfolio of features, please contact us at info@portalspaper.com