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**Spectrum™**

Colour changing print feature with “movement” and “on/off” effect using proven latent image technology

<table>
<thead>
<tr>
<th>Classification</th>
<th>Security Level</th>
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<tbody>
<tr>
<td>Print feature</td>
<td>Level 1</td>
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**How does it work?**

By combining litho print technology with specialist Intaglio techniques, a two-colour moiré effect or colour flip result is achieved.

**Security benefits and threats countered**

Spectrum™ is a sophisticated anti-copy feature that is resistant to colour copier, scanner or desktop reproduction.

**Demonstrated by**

When viewed normally, the printed design appears as uniform in colour, but when tilted, a different pattern in multiple colours can be seen. This feature also offers some tactile qualities as a result of the intaglio process used to achieve this effect.

Spectrum™ is a dynamic feature that is easy to identify and adds interest to inspection.

**Additional information**

Spectrum™ offers complete design flexibility, can be printed in virtually any shape and designed to integrate into any spread. This feature was originally designed for use on banknotes but has now been optimised to work on other high security documents.

**Usage**

Passports, visas, banknotes and other security documents.

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**Visuals and Schematics**

- Emboss
- Grey ink
- Paper
- Green ink

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