Spectrum™
Security Through Movement
Spectrum™

Spectrum is a simple yet effective public recognition feature based on litho and intaglio printing techniques. Developed using existing latent image technology as an extension of Tilt®, the design opportunities for this feature are almost endless, allowing it to be easily integrated into banknote designs.

Simple yet effective

When viewed normally the design appears a uniform colour but when tilted a different pattern in multiple colours can easily be seen. This switch is produced by printing litho lines under a blind emboss intaglio in close register using specific colours. These effects are available in a range of colour combinations giving designers good colour flexibility.

Leaf
- When tilted the sections of the leaf change colour

Circles
- When tilted the pattern changes from a linear to a bi-colour circular pattern

Stripe
- When tilted the text “WIND” disappears and a two-colour helix design appears
Benefits

- Easily interpreted by the public
- Highly secure printed security feature
- Dynamic and adds interest to the note – combining movement and colour shift
- Open to various design opportunities
- Developed using proven technology

Proven Technology

- Building on existing latent image technology
- Robust
- Cost effective

<table>
<thead>
<tr>
<th>Feature</th>
<th>Spectrum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design flexibility</td>
<td>✔️</td>
</tr>
<tr>
<td>Public recognition</td>
<td>✔️</td>
</tr>
<tr>
<td>Secure</td>
<td>✔️</td>
</tr>
<tr>
<td>Durable</td>
<td>✔️</td>
</tr>
<tr>
<td>Cost effective</td>
<td>✔️</td>
</tr>
</tbody>
</table>