

SHIELD Embossed™



DeLaRue

The  
Next  
Generation  
of Identity  
Management  
Solutions



# SHIELD Embossed™

## A high-gloss thin-film holographic laminate patch

---

### Classification

Laminate

---

### Security Level

Levels 1, 2 and 3



depending on selected features.

---

### Security benefits and threats countered

SHIELD Embossed™ enhances the security of the bio-data page and protects the holder's personal details making it extremely difficult to achieve any data alteration, laminate lifting, removal, reuse, or replacement.

---

### How does it work?

SHIELD Embossed™ is created by using e-beam technology to deliver the highest resolution and definition of quality.

---

### Demonstrated by

The high quality holographic effects of SHIELD Embossed™ can be easily viewed by simply tilting the bio-data page. This shows a variety of 3D and lens features in addition to a continually shifting rainbow colour in a vertical direction. The high-gloss laminate patch stops short of the bio-data page edges, making lifting virtually impossible.

The thin-film laminate is supplied with a range of security features and high-security holographic images, which can include 2D/3D designs, flipping images, lens effect, micro text, and animation. OVI and UV printed features are also available.

The laminate is heat-sealed to the page to protect the holder's details. This makes it extremely difficult for any alteration or tamper without obvious evidence.

---

### Additional information

- Fully compliant with the latest ICAO 9303 specification and supplementary EU requirements.
- Compatible with automated and manual personalisation solutions.
- Can be used in combination with a wide range of other security features.

Transparent HRI (High Refractive Index) coating technology protects but does not obscure personal data placed underneath.

This is an immediately recognisable and powerful verification feature.

---

### Usage

Bio-data page protection solution suitable for Machine Readable Passports and ePassports.



Thin film laminate protection solution displaying both striking and complex three-dimensional models



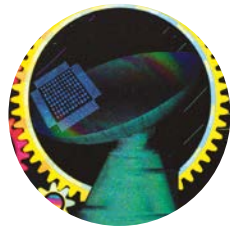
### Parallax Floating Line Effects

Parallax design elements can create lines which appear to float above and below the surface of the laminate, giving a real sense of depth and movement.



### Kinematic Lines

Swooping kinematic lines across the centre of the laminate create an effect of movement, motion and animation when tilted.



### Fresnel Lens

The Fresnel lens effect creates a very bright and highly characteristic diffractive appearance and optical feature.

De La Rue is a leading provider of sophisticated products and services that keep nations, their economies and their populations secure. At the forefront of identity management and security, De La Rue is a trusted partner of governments, central banks and commercial organisations around the globe.

De La Rue is listed on the London Stock Exchange (LON: DLAR).

If you would like to find out more,  
please email [identity@uk.delarue.com](mailto:identity@uk.delarue.com)  
or visit [www.delarue.com](http://www.delarue.com)

SHIELD Embossed™ is a trade mark of De La Rue International Limited. The Founder's Head Device, and De La Rue are registered trade marks of the De La Rue Group of Companies. Whilst we have made all reasonable efforts to ensure the accuracy of the information provided in this literature, the description of the products is one made in good faith to illustrate possible uses of our product(s). It is not intended to be relied upon for any specific purpose or use nor does it constitute a definitive or complete statement of the product itself unless it is expressly agreed in a formal contract.

De La Rue plc Registered No.3834125, De La Rue Holdings Limited Registered No 58025 and De La Rue International Limited Registered No 720284 are all registered in England with their registered office at: De La Rue House, Jays Close, Viables, Hampshire RG22 4BS. © De La Rue International Limited 2015.