SHIELD Embossed™

A high-gloss thin-film holographic laminate patch

Classification
Laminates

Security Level
Levels 1, 2 and 3 depending on selected features.

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

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.

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

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 or visit www.delarue.com

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.
SHIELD Embossed™

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

Demetalised Area
Areas of aluminium metal are registered beneath the hologram giving a bright metallic appearance. Known as “demetalisation” this feature helps protect against overlays and full counterfeiting.

Specular Gratings
Strong optical “flash on” effect achieved on the window area of the shuttle as a result of specular gratings being used in this area.

3D Models
Complex three dimensional elements are computer generated with the highest levels of detail and resolution to create ultra-realistic 3D effects with both striking depth and smooth motion.

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.
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**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.

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