

The Next Generation of Identity Management Solutions



# Republic of Arcadia

Type / Type

Country code / Code du pays A R C Passport No. / № de passeport A 0 0 5 2 2 0

Sumame / Nom

DE LA RUE

Given names / Prénoms MEGAN

Nationality / Nationalité

ARCADIAN

Date of birth / Date de naissance
31 AUG / AOUT 1984

Sex / Sexe

Place of birth / Lieue de raissance Authority / Autorité
BASTNGSTOKE METROPOLIS

F BASINGSTOKE
Date of issue / Date de délivrance

25 MAR/MARS 2015
Date of expiry / Date d'expiration
25 MAR/MARS 2025

Identity No. / No d'identité
AR C00011104469

METROPOLIS 15-04-2015 16:21:12

Holder's signature / Signature du titule



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# SHIELD Embossed™

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

#### Classification

Laminate

### 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.

#### 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.

#### 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.

#### 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

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

# SHIELD Embossed™







### **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.

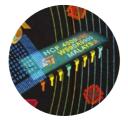
# Thin film laminate protection solution displaying both striking and complex three-dimensional models





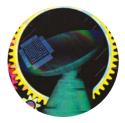
# Parallax Floating Line Effects

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 or visit www.delarue.com

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