

# Visa paper from trusecurity®

Our Visa papers are relied upon by governments in their battle against ever more skilful and resourceful forgers. While they seek to take advantage of the explosion in foreign travel, we are continuously **innovating** to ensure that Visas cannot be tampered with or counterfeit without detection.

Tullis Russell Coaters manufacture security papers and laminates for visas, work permits, and identity documents to the exact specification you require in a **totally secure environment.**



## Security features

- Compliant with ICAO9309, European Union & US waiver programme standards.
- Manufactured in a secure & controlled environment.
- New improved adhesive formulation.
- 'Dry edge' designed for trouble-free intaglio conversion.
- Bespoke covert/overt solutions in the Paper or Coating.

### The paper

#### Frangibility

- The paper breaks up if removal is attempted.

#### Watermarks

- Translucent images in the paper, bespoke or generic.

#### Chemical sensitisation

- Paper changes colour if alterations are attempted-sensitive to acids, alkalis, bleaches, solvent and alcohols.

#### Visible & UV visible fibres

- In bespoke combinations of colour, length and density.

#### Planchettes

- Overt or UV visible discs, randomly distributed.

#### Toner adhesion

- Paper treated to make toner more difficult to remove.

## The coating

This is the foundation on which our layers of **additional security features are added and makes trusecurity® papers unique.**

- Smoother paper with controlled absorbancy improving the look, feel and durability.
- Our own specialist coatings - Many of the security features of a paper can also be applied in a coating giving greater complexity;
  - Covert images
  - IR Taggants
  - Chemical sensitisation
  - Fibres and Sparklers

To find out more about our complete range, please see the enclosed security features card, or contact us.

## Also unique to Tullis Russell Coaters

### ● Verify

A micro-embossed image verified by a decoding lens.

### ● Fibreloc™

Single item level authentication from the UV fibre fingerprint of the paper.

## Components

- Base paper.
  - Tailored to your requirements, typically 60–75gsm\*.
  - OBA free, wood free, chlorine free.
  - Clay coated or uncoated.
  - Smoothness and absorbancy to customers' requirements.
- Release liners\* - kraft (70–90gsm) glassine (60gsm) clay coated (100gsm).
- Adhesive - permanent high tack PSA, water activated or ungummed.
- Manufactured to ISO 9001 standard.

\*More available on request

## Benefits

- Ideal for bespoke production - different security combinations, overt or machine readable printing, security inks, finishes.
- Coatings designed to maximise the effectiveness of printed security features such as optically variable security inks and iridescent coatings.
- Coatings enhance the appearance and adhesion of holographic foils.
- Excellent print results with multicolour offset, intaglio, inkjet and laser printing.
- Machine readable authentication.

- Paper is destroyed on attempting to remove from a passport.
- 'Dry edge' reduces adhesive bleed and improves convertability and efficiencies.
- Excellent dimensional stability and lay-flat properties.
- Resistant to ageing.
- Documents can be written on where personalisation is required.

## How do you want your paper?

- Industry leading converting equipment guarantees exceptional finish and accuracy for your product.
- Temperature and humidity controlled environment ensured stable and flat sheets.
- Reel width (180 – 210, 1500mm max for laminates) or precision sheet (width 300 – 2000mm, length 348 – 1803mm).
- Bulk or ream wrapped.
- 'Dry edge' 3mm minimum.

Coating creates improved adhesion and quality of holograms and foils

Specialist coatings available e.g. sensitization

Security features in the paper, sealed in by the coating e.g. fibres, watermarks

Covert embossed

Secure adhesives



Ability to create a truly unique security solution