

Gleitsmann Security Inks (GSI) launches the World's First Traffic Light for Banknotes – "mouve"^{GSI}

GSI's innovative, unique security feature helps safeguarding cash and other security documents using luminescent colour effects

You are looking for a new, counterfeit-proof printed feature for a new banknote denomination or an upgrade of an existing design? Most likely it should be easy to check but difficult to forge?

Then here's your best solution: **mouve^{GSI}**

GSI has combined decades of experience in manufacturing security printing inks with the special know-how of its partner Leuchtstoffwerk Breitung (LWB) from Thuringia, Germany. Launching the feature today to the international market, GSI offers decision makers at ministries and central banks a new option: A unique combination of two UV-colours together with a long-lasting durable green afterglow effect, not previously known to the industry. In addition, the patent-pending feature-ink combines well-established UV images with phosphorescence and a moving effect of interchanging colours. Furthermore, the feature can be checked by police officers, banknote experts and sorting machines using existing tools or sensors.

"We are extremely proud to reveal our first exclusive feature today, which is made 100% in Germany. Through the combination of proven security printing ink-technology with proprietary pigments from our partner LWB citizens and experts will enjoy the ease of use of **mouve^{GSI}**" said Ulrich Walter, Managing Director of GSI

"LWB very much appreciates the cooperation with GSI. In the past we only developed proprietary security pigments for specific applications for just one respective customer. The partnership with GSI allows us a larger variety in security applications, thereby broadening our customer base" states Wolfgang Eisenberg, CEO of LWB.

The first generation of **mouve^{GSI}** will be available for intaglio and silk-screen printing. Both partners are already preparing more options for the future, such as colour-variants. For more information please refer to the product section at www.gsi-gmbh.com or scan the QR code.



Daylight view

Rising Colour

UV-A Image

Fading Colour

About Gleitsmann Security Inks: Gleitsmann Security Inks (GSI) has been a trusted, innovative provider of highly secure, durable and efficient inks for government entities worldwide since 1847. GSI continuously strives to improve its products, meeting the latest requirements from its Central Bank, State Printwork and Commercial Security printing customers. Customer centricity is not just a buzzword for GSI but has highest priority in every aspect of its operation. GSI's sales and technical customer service, operating from its headquarters in Berlin, provide support within hours of receiving a customer request. Besides the standard intaglio, offset and numbering inks GSI also provides cost efficient varnish solutions and an environmentally friendly series of silk-screen colours. GSI has a solid customer base of renowned international organisations and is an accredited member of the Banknote Ethics Initiative (BnEI) and the International Currency Association.

About Leuchtstoffwerk Breitung: Leuchtstoffwerk Breitung GmbH (LWB) has decades of experience in development and manufacturing luminescent pigments for security and high-security applications. It offers security pigments with very high purity and reproducibility. LWB's highest priority has been and will remain to be constant innovation and a very strong quality management in all its operations. LWB also manufactures luminescent pigments for special applications such as medical imaging, UV lamps, EL light sources and LEDs. It currently employs app. 25% of its people in development, quality assurance and application engineering.

