PRINTING PROTECTION
STATE SIGNS OF POSTAL PAYMENT
OF THE RUSSIAN FEDERATION

14 JUNE 2019
State signs of postal payment of the Russian Federation

- **Stamps**
  - Definitive stamps: At least 5 degrees of protection
  - Artistic (commemorative) stamps and souvenir sheets: At least 2 degrees of protection

- **Envelopes**
  - Bearing letter “A”, “D”, or “K”
  - With an original stamp
  - Domestic reply mail
  - At least 2 degrees of protection

- **Postcards**
  - Bearing letter “B”
  - With an original stamp
  - Domestic reply mail
  - At least 1 degree of protection
Definitive stamps printed on envelopes and postcards (Letters "A", "B")

1. Paper with watermark
2. Negative and positive microtext

- Names of stamps (kremlins) are imprinted with black ink, invisible in the infrared range of the spectrum.
- Microtext «РОССИЯ»
- Custom shape cutting
- The coat of arms of the Russian Federation, the words «РОССИЯ», "RUSSIA", "2009" are printed in black paint, visible in the IR spectrum.
- Special adhesive paper
- A complex graphic pattern with subtle elements of metallic paint (inside the ornament) provides an additional visual protection.
- A vertical stripe imprinted with metallized inks, protects against scanning and photocopying.
- Numbers denoting the denomination of the stamps are imprinted with a paint that has anti-Stokes luminescence of green color.

- Special adhesive paper
- Unique shape cutting
- Graphic elements with luminescence under the influence of UV and IR radiation
- Graphic elements with a hidden of moire image
- Special notches to prevent gluing
- Positive microtext «МАРКА»
- Graphic elements visible in the infrared (IR) spectrum
- Graphic elements invisible in the infrared spectrum
- Graphic elements made with a special raster image
- Negative microtext “РОССИЯ”
As of 2017, all Russian commemorative stamps have additional security features

1. Special metameric paint that absorbs color under the influence of IR rays
2. Special visible and invisible paints, luminescent under the influence of UV rays
3. Anti-Stokes – the addition of the a special pigment in the paint, visible with the help of a special device

The security features also include special paper manufactured by Goznak, perforation and special ink.
Security features of commemorative stamps are checked using special equipment.
Printing Methods: Offset, metal ink, foiling, embossing

2015. 155th Anniversary of Bank of Russia

2018. 200th of Anniversary of Goznak
Printing Methods: Offset, Partial Varnishing, embossing


2011. Decorative and Applied Arts of Russia. Lace

Printing Methods: Offset, metallography, embossing, thermography – volume varnishing

Printing Methods: Self-adhesive paper, shape cutting
Printing Methods: offset, bronze paste of varying density, partial varnishing

2015, 2018. The 2018 FIFA World Cup Russia™
Stamps with Augmented Reality
Counterfeit signs of postage stamps

In Russia, a reliable system of protection of state signs of postal payment has been introduced.

As a result of comparative examinations, specialists of JSC Goznak and JSC Marka have identified isolated cases of the presence of fake standard postage stamps, artistic marked envelopes and cards in various regions of Russia.

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<th>Year</th>
<th>Number of requests of commercial organizations for the examination the GZPO, pcs</th>
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<tr>
<td>2014</td>
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JSC Marka has never received any requests to examine artistic postage stamps for authenticity.
Marking state signs postage stamps payment

Use of QR-code on postage stamps and blocks

The QR-code is supposed to be introduced to mark each product unit by 2024
Thank you for your attention!