

9 Rainbow printing

A special type of printing that ensures there is a smooth transition among the main colors of the image, avoiding breaks and displacements.



10 Microlettering

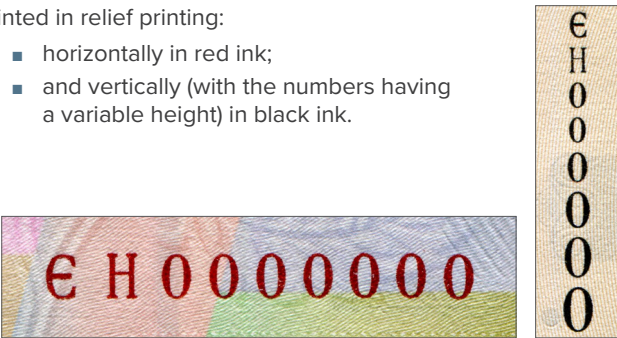
Repeated legends that can be read under a magnifying glass.



11 Serial numbers

Printed in relief printing:

- horizontally in red ink;
- and vertically (with the numbers having a variable height) in black ink.



12 Anti-scan/anti-copy pattern

Made of fine, multi-shaped lines that impede the reproduction of the images by copying or scanning equipment, which will produce a moiré pattern.



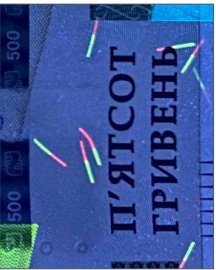
UV light feature



front of the note



back of the note



Under an ultra-violet light, security fibers that are scattered randomly in the paper and invisible in daylight, glow red and green.

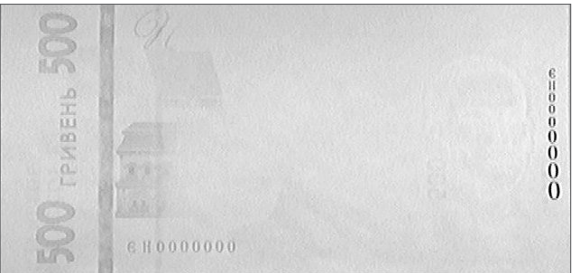


Under an infrared light, portions of a polymer security thread, which is fully embedded in the paper, glow yellow and light blue.

Infrared feature



front of the note



back of the note



National Bank of Ukraine

Modified 500-hryvnia banknote designed in 2015 with the patriotic slogan **СЛАВА УКРАЇНІ! ГЕРОЯМ СЛАВА!** (Glory to Ukraine! Glory to the Heroes!)



front of the note

The main image on the front of the note is a portrait of **HRYHORII SKOVORODA**

Hryhorii Skovoroda (1722-1794). An outstanding Ukrainian philosopher, poet, writer, enlightener, pedagogue and musician. He epitomized the spiritual awakening of the Ukrainian society in the end of the XVIIIth century.



back of the note

The central design element on the back of the note is an image of the **KYIV MOHYLA ACADEMY**

Kyiv Mohyla Academy – the first higher education school in Ukraine founded in 1632; the largest centre of general education in the XVII-XVIIIth centuries. It trained teachers for Slavo-Greek-Latin academies, clerical educators and theological seminary teachers. H. Skovoroda was among the most famous alumni of the Kyiv Mohyla Academy.

SECURITY FEATURES

The banknote is printed on the tinted paper of beige color, which is the dominant color of the images on the banknote. Banknote size – (75x154) mm.



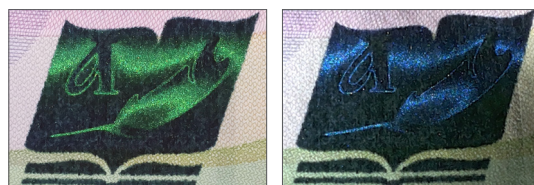
1 Watermarks

The multi-tone watermark is a repeated Hryhorii Skovoroda's portrait formed by paper fibers in different tones (lighter and darker than the basic paper tone); the vertical denomination figures are also visible as the light tones of the watermark (placed in the lower right part of the multi-tone watermark).



2 SPARK feature

The SPARK element is the optically-variable image of an open book with the kinematic effect. When the banknote is tilted, some areas of the image will gradually change the color from green to blue.



3 Security thread

The embedded polymer strip with the images of «500 ГРН», the trident and underlined numerals «500» indicating the denomination, which are visible (normal and reverse images) through the magnifying glass



4 Window thread

A dark grey polymer thread partially embedded in the paper with the pronounced kinematic effect. There are images of the figures indicating denomination and hryvnia currency symbol on the thread. When the banknote is tilted, the background image moves in the opposite direction.



5 Latent image

When the note is held at a sharp angle to the light at eye level, the numerals become visible:

- they appear dark against a light background when the note is looked at from the long side;
- light against a dark background when the note is looked at from the short side.



6 Relief features

These are elements on the front of the note that have been made using a special type of printing, and that are rough to the touch. For better visibility, these elements have been enlarged:

- a) legends and images;
- b) feature for the partially sighted;
- c) a fragment of the portrait.



7 See-through register

When the note is held up to the light, irregular shapes printed on the back and front combine to form the banknote's denomination «500».



8 Orlov printing

A special type of printing that ensures there is an abrupt change of one color into another, without breaking and shifting.

