



VARNISHES

Oberthur Fiduciaire  
(Paris 1542)  
Titre: Ultra+™  
c.2021-2022  
Ultra+™ varnish contains highly engineered  
additives that truly deters darrages, marking,  
on banknotes.

# The Art of Ultra+™

by

Oberthur Fiduciaire

*Introducing*

# Ultra+™ varnish with enhanced protection for banknotes.



## **What is Ultra+™ varnish?**

Ultra+™ is an enhanced post-print varnish of our successful Ultra™ varnish.

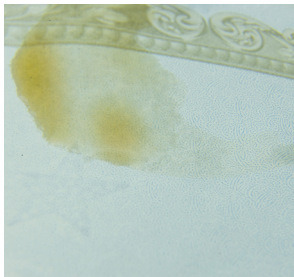
Ultra+™ varnish includes advanced additives technologies.

## **How does Ultra+™ varnish work?**

Ultra+™ is the final achievement of a long research work aiming at delivering a high antisoiling product for the end user as well as novel functionalities like greater marking deterrence but mitigating at the same time the total carbon footprint.

This performance is reached with highly engineered additives formulated within proven varnish used all over the world for banknotes protection. The application process of Ultra+™ is the same as for standard post-print varnishes (flexography press).

Both the substrate of the note and the print on it are protected.



STANDARD PAPER



ULTRA+™ PAPER

### What are the benefits of Ultra+™ varnish?

Ultra+™ varnish is resistant to soiling with hydrophobic and oleophobic properties.

Due to selected new additives, Ultra+™ varnish is greener than Ultra™ varnish.

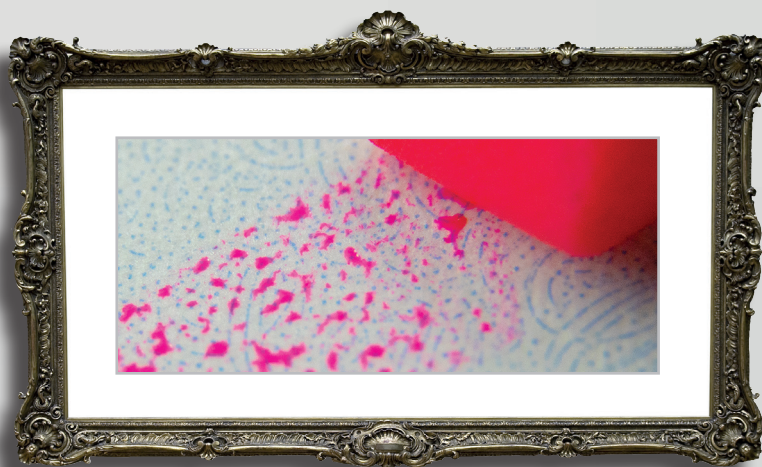
Ultra+™ varnish:

- Protects banknotes from damage caused by dirt and fatty deposits
- Provides enhanced protection for sensitive or important subjects such as portraits, symbols, coat of arms...

### Why choose Ultra+™ varnish?

With Ultra+™ varnish, banknotes could be protected against soiling and therefore could increase significantly the lifetime of the banknote.

Ultra+™ solution can be applied as a simple substrate varnish or combined with our Bioguard™ additives, in order to add anti-viral, anti-bacterial and anti-fungal protection.



### **Ultra+™ - Did you know?**

Soiling is among main reasons for cash withdrawal, unintentional or deliberate damage could be also one of the causes for banknotes to be withdrawn from circulation. Unfortunately, after defacing of any principal graphical visual element (portraits, symbols, coats of arms...), banknotes often have to be replaced.

Many sorting machines are programmed to declare these as unfit banknotes.

Ultra+™ prevents external materials to stick onto banknote surfaces and deters graphical alteration, consequently, the lifetime of the banknote is extended and protects the visual integrity of the banknote.



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