

Watermark Stickers Foil Prints Plastic Cards Mouse Pads Security Papers





Protect your certificates from tampering

University certificates with individual security elements

- Own watermark (e.g. university logo)
- Automatic copy protection COPYMARK
- Manipulation attempts become visible
- Individual printing (also special colours)
- Relief varnish, foil embossing, stamping
- Different paper thicknesses
- Can be used on any printer





Each university decides on its own responsibility whether to use a paper with security elements for the printout of degree certificates, thus making manipulations more difficult or visible.

Upon completion of the program, each graduate receives a **graduation certificate**, with a detailed list of his or her achievements. This certificate is one of the most important documents for a successful start into the professional future.

Manipulation of certificates

Manipulations

One should not be surprised that, according to estimates, about one third of all references attached to job applications are manipulated. With modern scanning and copying technology, this is usually no big deal. But the consequences of decisions based on such falsified applications can no longer be reversed. Even experts often find it difficult to clearly distinguish the original from a colour copy. And with every copy there is the risk that it no longer corresponds one hundred percent to the original.

Manipulations - by altering, adding or covering - are usually not visible on copies.

Therefore, all responsible parties should know that there are ways to effectively protect such important documents from tampering.

Security for university certificates

What are the security elements?

University certificates can be protected with various elements, each of which can only meet very specific requirements. The combination of different **security elements** covers a wide, effective spectrum.

Individual watermarks

Watermarks

What protects banknotes also protects certificates – a watermark that cannot be copied or imitated. With our certificate forms, your **own watermark** (e.g. your university logo) is introduced into the paper using a special process. This makes it possible to clearly distinguish the original from all copies – a glance against the light is enough.

<u>The advantage:</u> Unlike embossing or holograms, there are no restrictions when printing on watermarked paper. You can overprint, write on and copy onto the watermark without any problems – toner or ink adhere well and are not repelled.

And the best: Your existing form masks do not need to be changed.

Automatic copy protection

Copy protection

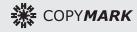
Our COPY**MARK copy protection**, which is practically invisible to the naked eye, causes every copy to be automatically marked from the original with a clearly visible notice such as "COPY" or "KOPIE". This makes it easy for any viewer to recognize when they have a copy in front of them.

<u>Another advantage:</u> Additional security is provided by the fine **microdots** printed on the surface, which make attempts at tampering on the original clearly visible.

<u>The best thing is</u>, that these security elements can be integrated in such a way that the layout and appearance do not have to be changed because of this! This means that no changes or adjustments to existing templates/masks or printers are required for printing the certificates.

Further safety elements:

These two security elements can still be supplemented by special **spot colours**, invisible **FLUO ink** or **foil embossing**. We recommend a combination of copy protection, watermark and special colour.



Examples of graduation certificates

To give you some ideas, we show you below examples that other universities already have in use.

Certificate paper Anhalt University Anhalt University Formats: DIN A4 + DIN A3 Paper 160 g Security features: Logo imprint in special colour Logo as watermark Copy protection "COPY"

Innovation award for copy protection

We were awarded an **innovation prize** for the development and production of our counterfeit-proof paper. At the award ceremony, in addition to the amazing **protective effect**, particular praise was given to the fact that **no expensive special paper** is required for this. This means that nothing stands in the way of its widespread use in everyday life. As **customer-specific variants**, we offer, among other things, certificate paper, COC paper, civil registry paper and security paper for LBA presence training.

In the meantime, our copy protection is protected throughout Europe by an EU patent.

Certificate paper Karlsruhe University



Karlsruhe University of Applied Sciences Technology and economy

Format: DIN A4 Paper 170 g

Security features:

- University logo in special colour, additionally with foil embossing
- National coat of arms as watermark and additionally printed in colour
- Copy protection "COPY"

Certificate Paper Technical University of Braunschweig



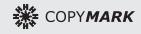
Technical University Braunschweig

Format: DIN A4 Paper 160 g

Security features:

- Logo imprint in solid colour
- Logo as watermark
- Partially with gray safety background
- Copy protection "KOPIE"

Certificate forms for universities



A few facts about us

We are a medium-sized printing company in the Swabian Alb, south of Stuttgart, which has specialized in the production of forgery-proof documents and forms for over 20 years. For this purpose, we use various security elements, some of which we developed ourselves, which cannot be copied even with the most modern copying technology.

Papers with our security elements have been used successfully for years, e.g. as COC paper in the automotive industry and by registry offices for civil status documents, among other things.

Professional advice and samples

Test it yourself

As specialists, we know what matters, what is possible and what makes sense – and how an individual implementation can best be realized.

If you would like to test the function of our copy protection yourself first, we will be happy to send you corresponding **samples**.

Contact us

If you have any questions or need samples, please contact **Mr. Vöhringer**.

He will be happy to receive your call, answer your questions and give you professional advice.

Phone: +49 7128 9282-20 or Mail: w.voehringer@hdruck.com

For more information, visit www.hdruck.com/en/university-certificates

FAQ - Frequently asked questions

Which papers can be used?

We have tested over 200 papers and made samples of them. If you tell us what you want, we will make some suitable suggestions.

Which paper thicknesses are useful?

For most certificates, papers of $120 - 170 \, g$ are used. It is important that you observe the specifications of your printer when choosing paper (often only permitted up to $160 \, g$).

How long does the watermark last?

You can be sure that our watermark will remain unchanged for over 20 years.

Important: With our technology, the watermark also does not yellow during this time.

What are the costs?

An individual watermark is cheaper than an embossing or a hologram.

The same applies to our COPY**MARK** copy protection.

Of course, we will be happy to provide you with a binding offer in advance.



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