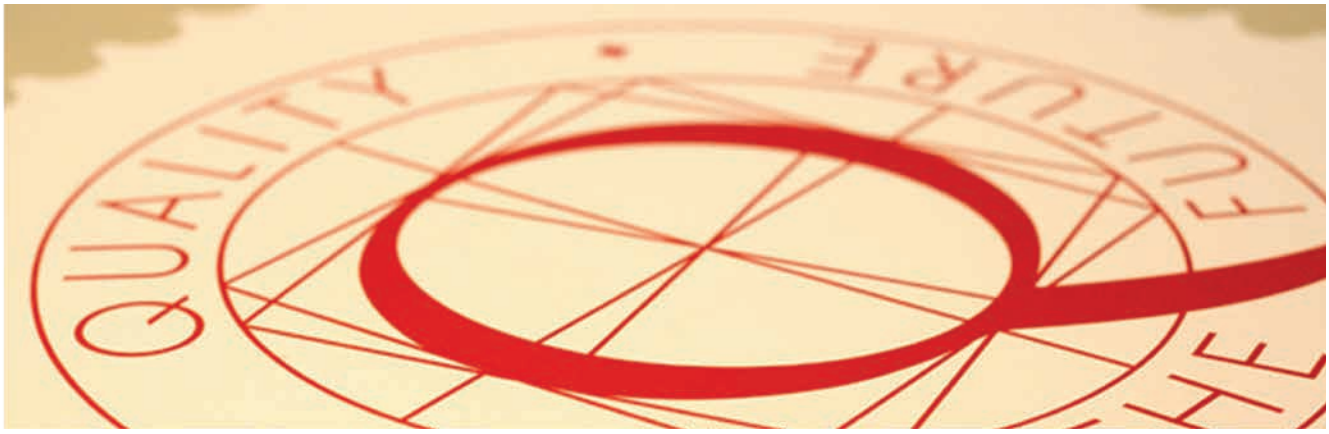
Preserving values – Quality for the future



With our »Quality for the future« emblem we guarantee that all KLUG products fulfil the requirements to meet maximum archival permanency (ageing-resistant). Each of our products has a »Quality guarantee certificate«, w**hich legally covers far more than the normal warranty terms**, ensuring that the material used meets the requirements for guaranteed permanency.

For you as our customer that implies, regardless of any individual tests and results, such as those from independent institutes, for example „The Paper Technological Foundation (PTS)", the quality of the product supplied meets the guaranteed requirements stated in the guarantee certificate. If the quality of the product delivered is contrary to your expectation, then you may with this binding certificate claim for damage, for replacement or for return without any obligation. We request you to contact us directly at **quality@klug-conservation.com or by telephone at +49 (0)8323 9653 3476.**

This applies even if the delivered product does not officially have a »Quality guarantee certificate« provided. Generally a quality guarantee covers the entire product and not just an individual lot. Apart from a batch test or just certain materials of the product being tested, which is sometimes required in tenders, these tests will always offer you a glimpse into the past. The tests in general do not cover the audition of the complete product. The »Quality guarantee certificate« provides our customers and endusers of KLUG products **a unlimited arantee far beyond the legally required minimium of 24 months.**

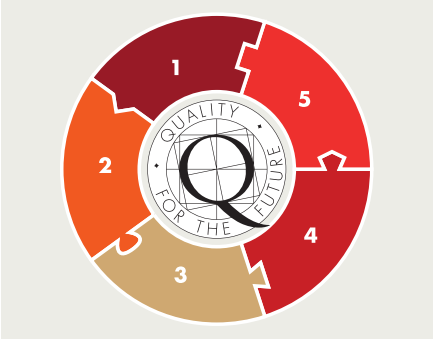
KLUG Quality Guarantee

With the **»Quality for the future«** emblem, we guarantee that all our products fulfill the five manufacturing criteria for permanent (ageing-resistant) paper materials as defined by **EN ISO 9706.** Our products comply with the technological requirements of all relevant standards and regulations, including **EN ISO 9706:2026, ISO 16245:2023** and **DIN 6738:2007 LDK 24-85** (the highest lifespan class).

KLUG products made for photographic archival storage have successfully passed the **Photographic Activity Test (PAT) ISO 18916:2025**. Paper-based materials can only be considered permanent (ageing-resistant) and durable if every one of the listed criteria below is fulfilled.

Only in this way can we ensure that our products provide optimum protection against harmful environmental influences.

The five pillars of permanent (ageing-resistant) paper materials



1. The pulp used is made from 100% bleached cellulose, free from recycled and lignified (wood-containing) fibres. (Kappa number 1 – 2)
2. The materials are neutral-sized/synthetic-sized, with no alum additives.
3. The materials used are free from acid-forming components. (acid-free)
4. The alkaline reserve provided by natural calcium carbonate buffer (GCC) for protection against atmospheric acids exceeds 2%.
5. The pH value is between 8.0 and 9.5 (determined according to ISO 6588-1:2021 cold extraction method).

Non-permanent (ageing-resistant) paper materials; no protection against environmental influences.

Guaranteed permanent (ageing-resistant) paper materials provide optimum protection against environmental influences.

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