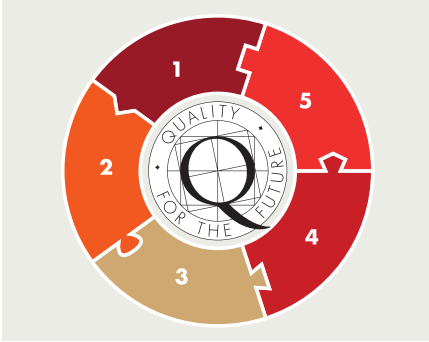


KLUG Quality Guarantee

Ageing-resistant paper and board materials to ensure maximum archival permanency



KLUG-CONSERVATION guarantees with the emblem „Quality for the future“ that all their paper and board products meet the five manufacturing criteria for permanent (ageing-resistant) paper materials as defined by EN ISO 9706. The 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 (highest life-span class). Products intended 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) 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 additive
- 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-ageing-resistant paper and board materials – with no protection against environmental influences.



Guaranteed, ageing-resistant paper and board products – with maximum protection against environmental influences.