

TC42 WG5

Physical Properties and Permanence of Photographic Materials

Are you interested in image durability and permanence? Do you want to know what damages prints? Would you like to interact with academic, industrial, and governmental experts? If you answered yes to any of these questions, TC42 WG5 may be for you.

TC42 WG5 is a technical committee under the auspices of the International Organization for Standardization (ISO). TC42 WG5 is responsible for international standards, technical reports, and specifications that cover physical properties and image permanence of photographic materials.

Don't worry, TC42 WG5 doesn't just cover traditional silver halide photographic prints. The committee also addresses inkjet, dye sub, and electrophotographic prints.

Active TC42 WG5 Projects include:

- Specification for print lifetime comparisons
- Permanence and durability of commercial prints
- Abrasion and scratch resistance
- Cracking and physical degradation
- Accelerated aging of printed images
- Light stability including LED backlighting
- Measurement of colour and density changes
- Indoor and outdoor print stability
- Museum storage, display, and transport

Are you still interested? If so, please consider attending the next meeting which will take place this spring in Berlin, Germany and virtually, from Monday, June 23 to Friday, June 27, 2025 or the subsequent meeting which will take place November 17-21, 2025 in Westlake/Cleveland, Ohio and virtually. Contact the TC42 WG5 Convenor at juergen.jung@agfa.com for an invitation to attend either meeting as a guest.