Quality Guarantee

Clamshell box - KS 17 Trier

We hereby confirm that our "Clamshell box - KS 17 Trier" fulfils the following characteristics:

Base paper

- 100% bleached cellulose
- without the usage of recycling fibres
- free of wooden fibres
- Kappa level < 5 = lignin-free
- pH 7.5 - 10.0 = acid-free (in accordance with ISO 6588-1:2020)
- alkaline buffer > 2% natural calcium carbonate (GCC)
- sizing: neutral/synthetic (without alum additive)
- top surface sizing: $Cobb_{60}$ in accordance with ISO 535 < 25
- without optical brightening agents
- light-fastness 8 (= excellent) in accordance with the wool scale (ISO 12040:1998)
- no bleeding in accordance with DIN ISO 16245:2012
- high abrasion resistance in accordance with DIN 53109:2008
- Photographic Activity Test (PAT) passed in accordance with ISO 18916:2007

Glue used for the corrugated board

- starch-based adhesive
- pH > 8.0
- moisture-proof gumming

Assembly glue

- glue based on ethylene venyl acetate copolymer
- free of plasticizers (softening agents)
- aqueous-based
- pH 7.0 – 8.0
- sugar solution and alcohol additives to control the opening time
- solid content 60%
- viscosity at 20° Celcius is approx. 3000 mPa*s
- Photographic Activity Test (PAT) passed in accordance with ISO 18916:2007

This quality corresponds to the technological basis of the following standards:

DIN EN ISO 9706	Information and documentation – Paper for documents – Requirements for permanence
DIN ISO 16245 - type A	Information and documentation – Boxes, file covers and other enclosures, made from cellulosic materials, for storage of paper and parchment documents.
ANSI/ NISO Z.39.48	American National Standard for Permanence of Paper for Publications and Documents in Libraries and Archives
DIN 6738:2007	Highest level of permanency LDK 24-85

We guarantee legally-binding that the above stated material meets the listed characteristics.
The material is ageing-resistant and provides active protection for the artefact.

KLUG-CONSERVATION October 2023

Peter Langhammer

Quality Assurance