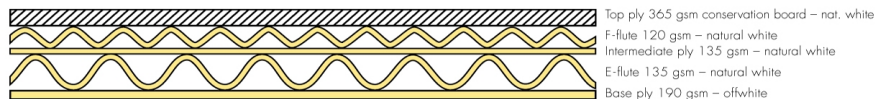


Technical data sheet

Corrugated board – EF 3.0 mm - 1100 gsm



EF 3.0 mm



Specifications:

Double corrugated board made of ageing-resistant material, natural white in colour. Flute thicknesses 1.6 and 1.1 mm, overall thickness 3.0 mm. Top ply made from conservation board, natural white, weight 365 gsm.

Sizes ex-stock:

90 x 120 cm, 100 x 140 cm, 180 x 220 cm

Scope of application:

Basic board material used for making archival boxes, files and folders. The board has good flatness properties, is breathable and ageing-resistant in accordance with the ISO 9706 standard. The board can be easily cut using any commercial cut

Material characteristics:

Base paper

- 100% bleached cellulose
- without the usage of recycling fibres
- free of wooden fibres
- weight 1050 gsm
- Kappa level 1 – 2 = 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: Cobb₆₀ in accordance with ISO 535 < 25
- without optical brightening agents
- light-fastness approx. 7 – 8 (= extremely good) in accordance with the wool scale (EN ISO 105-B02)
- no bleeding in accordance with DIN ISO 16245:2012
- Photographic Activity Test (PAT) passed in accordance with ISO 18916:2007

Glue used for the corrugated board

- starch-based adhesive
- pH 7.0 – 8.0

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.

NF Z 40-014	Requirements and criteria for selecting paper and cardboard for conserving 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

Further information, such as our Quality Guarantee, certificates of independent testing institutions and information regarding application methods and instructions are stated on our website klug-conservation.com.