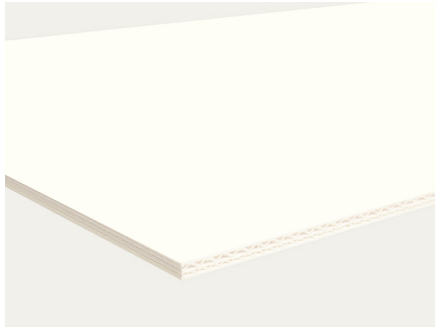
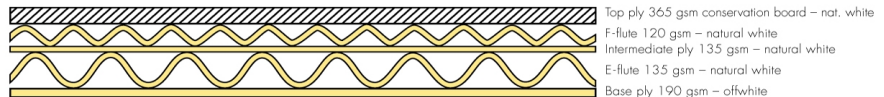


Technical data sheet

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:

100 x 140 cm, 180 x 220 cm, 90 x 120 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 1100 gsm
- Kappa level 1 – 2 = lignin-free
- pH 7.5 - 10.0 = acid-free (in accordance with ISO 6588-1:2012)
- 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

Glue used for the corrugated board

- starch-based adhesive
- pH > 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	Prescriptions et critères de sélection des papiers et cartons pour la conservation des documents papiers et parchemins
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
ISO 18916:2007	Photographic Activity Test (PAT) passed

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.