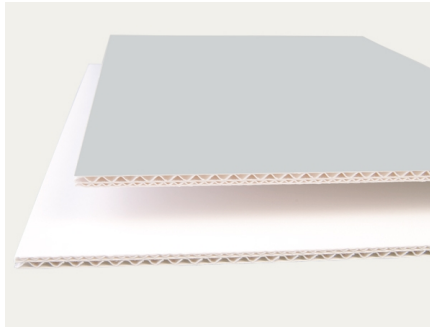


## Technical data sheet

Corrugated board – EB 4.5 mm - 940 gsm



### Specifications:

Double wall corrugated board made from ageing-resistant material, natural white in colour. Flute thicknesses 3.0 and 1.5 mm, overall thickness 4.5 mm.

### Sizes ex-stock:

100 x 172 cm, 110 x 172 cm

### Material characteristics:

#### Base paper

- 100% bleached cellulose
- without the usage of recycling fibres
- free of wooden fibres
- weight 940 gsm
- 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: 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
- high abrasion resistance in accordance with DIN 53109:2008
- special surface strengthening (dirt-resistant and erasable)
- Photographic Activity Test (PAT) passed in accordance with ISO 18916:2007

#### 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

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](http://klug-conservation.com).