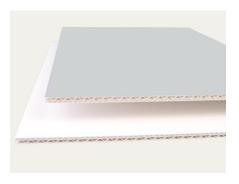


Technical data sheet

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:

 $100 \times 172 \text{ cm}, 110 \times 172 \text{ cm}$

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

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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.