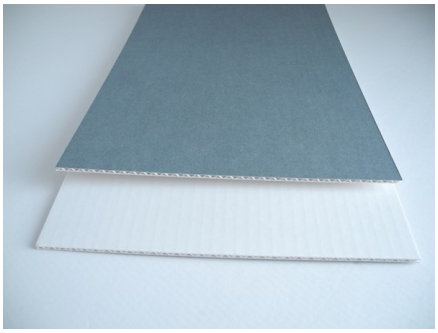
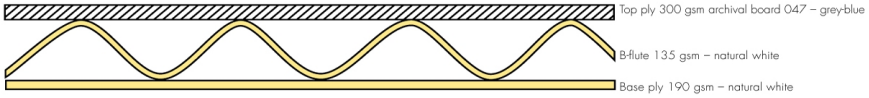
Technical data sheet

Corrugated board – FW 3.1 mm, grey-blue/natural white - 680 gsm



FW 3.1 mm



Specifications:

Corrugated board made from ageing-resistant material, overall thickness 3.1 mm, natural white in colour. Top ply made from grey-blue coloured archival board, 300 gsm or laminated with light grey (048) archival paper, 130 gsm. Surface specially treated, dirt-resistant, erasable and rub-proof (dry wiping).

Sizes ex-stock:

100 x 172 cm, 180 x 245 cm

Material characteristics:

Base paper

- 100% bleached cellulose
- without the usage of recycling fibres
- free of wooden fibres
- weight 680 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: $Cobb_{60}$ 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 7.0 – 8.0
- moisture-proof gumming

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.