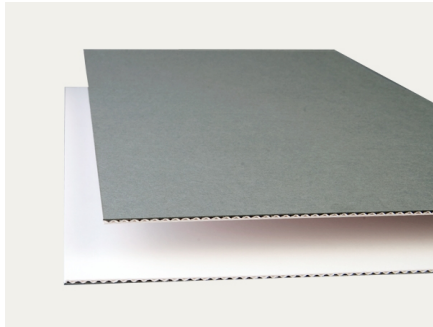
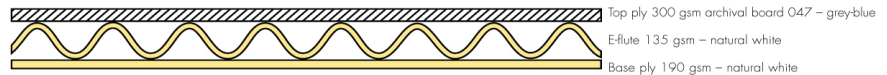


## Technical data sheet

Corrugated board – MW 1.7 mm - 680 gsm



### MW 1.7 mm



#### Specifications:

Corrugated board made from ageing-resistant material, overall thickness 1.7 mm, natural white in colour. Top ply made from grey-blue archival board, 300 gsm, surface specially treated, dirt-resistant, erasable and rub-proof (dry wiping).

#### Sizes ex-stock:

100 x 172 cm, 110 x 172 cm, 245 x 180 cm

#### Scope of application:

Basic board material used for making folders and storage boxes for archiving purposes as well as for conservation quality picture framing (mounts and backings). Top surface with special surface treatment, dirt-resistant, erasable and rub-proof (dry wiping). The board possesses excellent flatness, can be cut easily using any commercial cutter. Economical in price due to its high static strength even though less material mass is involved.

#### 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<sub>60</sub> 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](http://klug-conservation.com).