

## Technical data sheet

Archival board 048 – light grey (multiple ply 530 gsm)



### Specifications:

A light grey, solid colour (dyed throughout) board with the top surface specially treated, dirt-resistant, erasable and rub-proof (resistant to dry wiping). Excellent grooving/creasing characteristics due to high long-fibre content.

### Sizes ex-stock:

100 x 140 cm, 90 x 120 cm, 100 x 70 cm

### Material characteristics:

#### Board

- 100% bleached cellulose
- without the usage of recycling fibres
- free of wooden fibres
- Kappa level < 5 = lignin-free
- pH 7.5 - 10.0 = acid-free (in accordance with ISO 6588-1:2020)
- alkaline buffer > 3% natural calcium carbonate (GCC)
- sizing: neutral/synthetic (without alum additive)
- sizing according to Cobb<sub>60</sub> < 25
- without optical brightening agents
- light-fastness 5 – 6 (good – very good) in accordance with the wool scale (ISO 105- B02)
- special surface strengthening (dirt-resistant and erasable)
- no bleeding in accordance with DIN ISO 16245:2012
- Photographic Activity Test (PAT) passed in accordance with ISO 18916:2007

#### Glue used for lamination

- dispersion glue free of solvents and plasticizers (softening agents)
- pH approx. 7.0

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).