

Clamshell box – KS 18 Premium

is a more elaborate version of the »Solander box« developed in collaboration with various graphic collections



Description:

Dr. Daniel Charles Solander (1736 – 1782), the botanist born in Sweden, invented the elaborate book formed »Solander box«, today still considered the most satisfactory type of storage case for prints and documents. According to his suggestions the first »Solander drop-back boxes« were manufactured, the main emphasis being laid on a sturdy and stable box construction. Initially these boxes were exclusively made for the British Museum. Thereafter, similar boxes were made by bookbinders all over Europe for various kinds of archival storage purposes.

The general construction of the box (top lid, bottom and shoulders) comprises of a base plywood frame, covered in »Englisch Buckram« and lined throughout with acid-free paper or board material.

Application:

KLUG-CONSERVATION has developed the known »Solander box« further, making it a more refined and premium archival storage box whilst using the finest archival materials for their construction. Special emphasis has been given to age-resisting and environmentally compatible (less-polluting) materials. These boxes are most suitable to store and preserve works of art, books, manuscripts, prints and printed matter, drawings and photographs in a protected environment.

Manufactured whilst using the finest bookbinding methods, this classical premium quality, tightly closing, acid-free clamshell cassette is available in any individual size. The upper and lower cabinets of the box are made of KLUG conservation board of 2 mm thickness, are cut to mitre and glued together. The book cover is made of 1.5 mm conservation board. The cover lining fabric is made of natural linen „Lino Auster 405“. The inner liner consists of 0.5 mm natural white conservation board, available either with or without alkaline (carbonate) buffer. The dispersion glue used for manufacturing the clamshell cassette is free of plasticizers. The boxes are delivered assembled and upright.

State-of-the-art, computer-aided manufacturing methods enable us to produce clamshell boxes accurate to the millimetre. We deliver from single unit orders up to serial unit orders.

The combination of traditional skilled craftsmanship and modern high-tech manufacturing methods guarantee economic archival storage for the next generation.

This traditional, premium quality, bookbinding clamshell cassette is made from solid board material and meets all the requirements for long-term, permanent and protective archival storage.

Material characteristics:

All **board materials** used are ageing resistant in accordance with the technological requirements of ISO 9706:2010, ISO 16245:2012, ANSI/NISO Z.39.48:1992 and DIN 6738:2007 standards, and sind PAT tested in accordance with ISO 18916:2007.

The **linen fabric used for lining** is not dyed, to avoid colour pigments bleeding in the case of water damage. The paper lamination on the cover fabric lining is pH-neutral and impregnated with a starch derivative glue. The slightly alkaline PVAc dispersion glue used to gum the lamination paper with the cover lining fabric is free of softeners and plasticizers.

The **dispersion glue** used for the board material is based on an ethylene vinyl acetate copolymer (EVA), is pH-neutral and free of plasticizers.

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.

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