

LLC «SWISS KRONO», 62 Ya. Mudroho St, Kamianka-Buzka,  
Lviv Region, Ukraine 80400

## MFC Operations Manual

### LLC «SWISS KRONO»

The melamine faced boards are products based on chipboards coated with decorative paper films impregnated with melamine resins.

The melamine faced chipboards (MFC) produced by SWISS KRONO, LLC are manufactured in accordance with technical specifications of Ukraine TU U 20.2-31147999.003-2002. The boards ground base plates are made pursuant to DSTU EN 312. The application sphere of this material is various. MFC can be used to furnish the interior of the house, to create cabinet, kitchen or office furniture as well as other useful interior elements. In addition, the boards produced by LLC «SWISS KRONO» have a formaldehyde emission class **E1**, which makes it possible to use MFC for furniture manufacturing in residential buildings, dormitories, preschools, children's health facilities, secondary and higher education institutions, health care facilities, boarding houses, hotels, offices with permanent staff, etc. The emission class for formaldehyde **E1** is confirmed by the certificate of the European laboratory Fraunhofer Institute for Wood Research Wilhelm-Klauditz-Institut (Braunschweig, Germany). MFC fully complies with the requirements of the current sanitary legislation of Ukraine, which is confirmed by the conclusion of the State Sanitary and Epidemiological Expertise. According to the radiation indicators, MFC can be implemented without restrictions, which is confirmed by the Certificate on the content of radioactive substances.

All certificates for MFC are available here [www.swisskrono.com](http://www.swisskrono.com).

### MFC transportation and storage

MFC can be transported by road and rail, with the obligatory use of a protective canopy. Displacement of MFC during transportation can cause mechanical damage. Therefore, the boards should be fixed so that they do not shift both within the pallet and within the container, trailer or wagon. It is necessary to provide protection against damage: ropes, slings and other fasteners. To prevent damage to the board edges, one should place plastic angles when securing the feet.

**NOTE:** During transportation, MFC should be protected from moisture, precipitation, etc. MFC should be stored in closed warehouses with a uniform microclimate at a temperature of + 5- + 40°C, humidity not exceeding 65%. Warehouses should be equipped with adequate ventilation.

LLC «SWISS KRONO»,  
62 Ya. Mudroho St, Kamianka-Buzka,  
Lviv Region, Ukraine 80400  
T +38 089 226 86 00

ua.sekretariat@swisskrono.com  
swisskrono.com

USREOU code 31147999, VATIN 311479913208, JST "CREDIT AGRICOLE BANK" IBAN – UA67 300614 0000026001500249700  
Department: 9 Havatovycha Street, JST «Kredo Bank» Kamianka-Buzka, IBAN – UA38 325365 0000002600101778646  
JST «Raiffeisen Bank Aval» IBAN – UA53 380805 0000000026009528945  
JST «Alfa Bank» IBAN – UA36 300346 0000026008015596501

LLC «SWISS KRONO», 62 Ya. Mudroho St, Kamianka-Buzka,  
Lviv Region, Ukraine 80400

MFC should be stored horizontally on the underlying slats (Figure 1) so as not to expose the board to contamination, moisture or mechanical damage. The underlying slats should be installed in the direction of the minor axis of the board, pallets should be stored with the underlying slats in one vertical line. The underlying slats should be the same in thickness. The length of the underlying slats should be the same as the width of the boards.

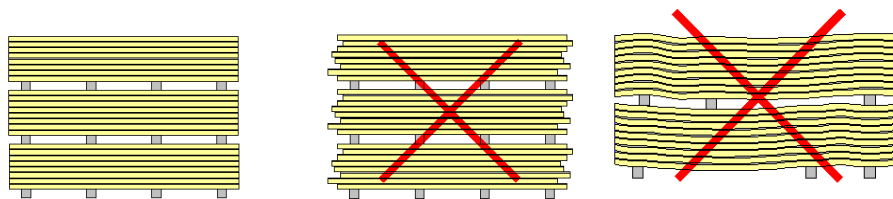


Figure 1. MFC placement during storage.

MFC can be stored on the shelves (Figure 2). The distance between the supports should not exceed 600 mm.



Figure 2. MFC storage on the shelves.

A small number of boards can be stored in an upright position on the racks. The angle of the racks should be at least 10°. The long sides of the boards are necessary to be placed on the rack.

When transferring manually, MFC should be positioned vertically (on the rib) in order to avoid deflection.

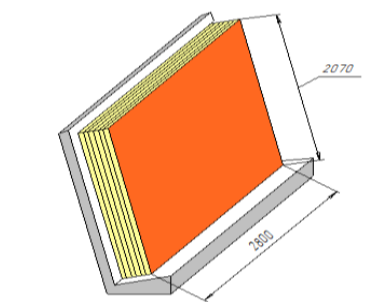


Figure 3. MFC storage in an upright position.

LLC «SWISS KRONO»,  
62 Ya. Mudroho St, Kamianka-Buzka,  
Lviv Region, Ukraine 80400  
T +38 089 226 86 00

ua.sekretariat@swisskrono.com  
swisskrono.com

USREOU code 31147999, VATIN 311479913208, JST "CREDIT AGRICOLE BANK" IBAN – UA67 300614 0000026001500249700  
Department: 9 Havatovycha Street, JST «Kredo Bank» Kamianka-Buzka, IBAN – UA38 325365 0000002600101778646  
JST «Raiffeisen Bank Aval» IBAN – UA53 380805 0000000026009528945  
JST «Alfa Bank» IBAN – UA36 300346 0000026008015596501

LLC «SWISS KRONO», 62 Ya. Mudroho St, Kamianka-Buzka,  
Lviv Region, Ukraine 80400

In order to maintain the form stability of the boards during transportation and storage it is necessary to avoid proximity to heaters or other heat sources, direct sunlight and non-uniform climatic conditions with high humidity.

It is required to minimize friction or movement of the front sides during the MFC use, storage and transportation. During the rearrangement of MFC, one should remove dust and other microparticles which can damage the decorative surface.



Before MFC application, it is necessary to keep them in a room with conditions similar to those of further operation for at least 1 day.

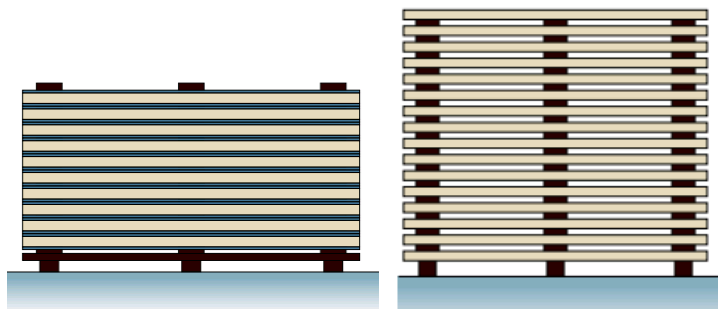


Figure 5. MFC acclimation.

LLC «SWISS KRONO»,  
62 Ya. Mudroho St, Kamianka-Buzka,  
Lviv Region, Ukraine 80400  
T +38 089 226 86 00

ua.sekretariat@swisskrono.com  
swisskrono.com

USREOU code 31147999, VATIN 311479913208, JST "CREDIT AGRICOLE BANK" IBAN – UA67 300614 0000026001500249700  
Department: 9 Havatovycha Street, JST «Kredo Bank» Kamianka-Buzka, IBAN – UA38 325365 0000002600101778646  
JST «Raiffeisen Bank Aval» IBAN – UA53 380805 0000000026009528945  
JST «Alfa Bank» IBAN – UA36 300346 0000026008015596501