

SHELF LIFE

MAPLEX STORAGE AND PROCESSING RECOMMENDATION

Maplex pressboard is manufactured with 95% of unbleached softwood kraft and 5% water. While Maplex sheet formation and density makes it dimensionally stable cellulose substrate compared to other paper-based products, changing climate conditions and unsuitable packaging and storage conditions will result in a continuous humidity exchange with the ambient air and make Maplex susceptible to moisture.

This leads to adverse consequences such as warping (swelling and shrinking) and delamination, especially for glued and laminated products. Therefore, special attention is required during storage and processing to prevent serious damage. Incorrect storage and processing can significantly reduce the product's shelf life, stain the material and/or make Maplex panels unfit for use.

PROTECT AGAINST:

- Contamination (e.g. dirt, scuffs and oil drops)
- Water (e.g. rain, dew and fire hydrant)
- Moisture (e.g. air humidity)

AVOID:

- Air circulation (e.g. do not store near open doors or open windows, air conditioning vents, fans)
- Direct sunlight

STORE:

- In a cool, dry, and darkened environment
- In original packing
- Away from radiators or underneath overhead heaters

REMOVING MATERIAL FROM THE WAREHOUSE

- Open original packaging with care, remove required amount and immediately re-package remaining material carefully (leaving the desiccant (if present) in the package).
- Unpack all types of paneling only when required and seal the package to prevent moisture contact.

MATERIAL PROCESSING:

- It is inevitable that the original uncoated Maplex panel is exposed to ambient conditions during processing.
- Therefore, it is important to comply with these recommendations (e.g. protect against contamination, moisture, air circulation etc.).

USE APPROPRIATE PACKAGING AND PROTECTION MATERIAL, FOR EXAMPLE:

- Wooden or plastic boxes
- Paper
- Polyethylene film
- Stretch film
- Multilayer film
- Desiccant inside the packaging material
- Moisture barriers, coatings to prime and stabilize the Maplex panel prior to application of the coating. The list of natural low or Zero VOC coatings successfully applied to Maplex can be obtained from the Surface Treatments Info Sheet.

NOTES FOR PACKAGING:

- Polyethylene film slows down water absorption, two film layers protect better than one layer.
- Desiccant slows down/prevents water absorption providing it is not saturated.
- Sealed film protection prevents water absorption better than taped film protection.
- Waxing or sealing the edges of the casein laminated Maplex is recommended to inhibit moisture absorption. Weidmann does not wax or apply a sealer to the laminated Maplex panel edge prior to shipping it from our facilities.

In general, the recommended shelf life (FCA Origin*) for Weidmann products is **24 months** and **for casein laminated board is 12 months if stored and processed according Weidmann recommendations.**

Weidmann strive to deliver the highest quality products and offer the best customer service at all times. Optimal product use requires strict adherence to storage, processing and shelf-life recommendations.

If you have any questions with respect to these recommendations, please contact Weidmann at the locations shown below.

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