

Recommendations for Storage of Corrugated Sheets

Warp

Warp is caused by differential stresses within the board components. These stresses are largely due to the nature of the materials and the moisture differentials between the components of the board. For these reasons, warp-free board cannot be guaranteed.

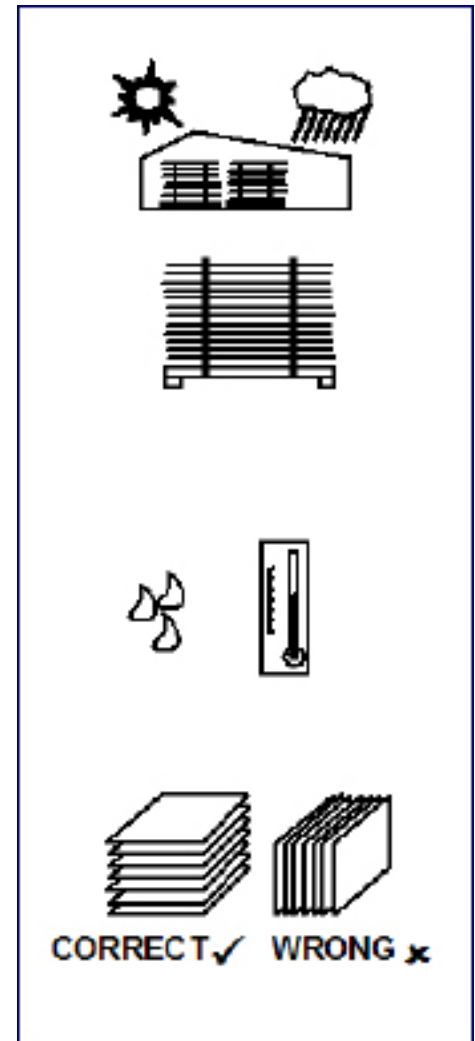
Board produced flat can subsequently warp due to changes in moisture level during transit and storage.

Moisture Content of Board

The moisture content is dependent on surrounding conditions and can vary, for example, from 5% moisture at 30% relative humidity to the order of 18% moisture at 90% relative humidity. Board which is allowed to become too dry can suffer from cracking. Damp adversely affects most strength properties.

General Notes on Storage of Corrugated Board

- 1) Store under cover.
- 2) Store on dry flat board pallets in a horizontal plane until used.
- 3) Store in atmospheric conditions of between 50% and 70% Relative Humidity. Extremes of temperature should be avoided. If conditions are comfortable to work in they are normally good for storage.
- 4) When storage is impossible under normal conditions of temperature and humidity cases or blanks should at least be brought to the packing line for a period of time before being used unless, as may exist in certain operations, the conditions around the packing area are either extremely humid or extremely dry. If both the storage and packing areas are at extreme conditions, it may be necessary to condition the cases or blanks for at least 24 hours in a third area to ensure proper operation of the packing line.
- 5) After unbanding, maintain in a flat form in a horizontal plane until used. Do not stack on edge or strike against a hard surface. Re-band part-used loads, or use a top-board or empty pallet to weight the top of the unit.



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