

STORAGE AND HANDLING RECOMMENDATIONS FOR IB MAX-CORE CLT® PANELS

From CLT fabrication to site delivery, IB X-LAM USA takes all reasonable precautions to protect the panels. As with many other construction products, IB MAX-CORE CLT® panels need to be properly handled and protected during construction to avoid damage, marring, checking, water staining, sun discoloration/tanning. The following recommendations are a guideline for site storage and handling and shall be followed as closely as possible.

1. LOADING

- IB MAX-CORE CLT® panels are typically shipped on flat bed trucks.
- The panels will be separated by dunnage. Architectural finish sides will be loaded facing down and protected with lumber wrap.
- Each truck will be tarped to protect the panels during transit.
- The panels will be loaded according to the sequence of installation/delivery. This is to be determined by the contractor prior to shop drawing development.

2. ARRIVAL

- Carefully inspect the condition and quantities of the material before unloading.
- Before accepting delivery, please note any missing or damaged panels on the drivers bill of lading or delivery receipt.
- Record any information the driver can provide as to how the damage occurred.
- Inform IB X-LAM USA immediately of any damaged or missing material.
- Unloading typically takes 2 hours. When unloading takes longer you will be asked to sign an unloading overtime form.
- Extra time for unloading can and should be prearranged prior to arrival.
- **Any fees associated with extra time are the responsibility of the customer.**

3. UNLOADING

- Panels need to be unloaded upon arrival on the site. A staging area with truck access is recommended and shall be coordinated by the contractor.
- If unloading with a forklift, it is recommended to have long enough forks, this usually means 8ft long forks are needed.
- Protection between panel and fork shall be coordinated by the contractor.

- Unless there is a prior agreement, contractor shall use lifting system provided by IB X-LAM USA.

4. UNLOADING SAFETY

IB X-LAM USA understands that there are inherent risks associated with unloading large and heavy CLT panels. It is the responsibility of the contractor and equipment operator when unloading to take all the necessary care and precautions according to any applicable regulations when lifting panels.

5. SITE RECOMMENDATIONS FOR PROTECTION

- Do not walk on unprotected CLT Panels or handle the material with soiled hands or equipment.
- Unload trucks and move panels by using lifting equipment. Do not drag, dump or drop panels.
- Use wide fabric or plastic belts or other slings that will not mar the wood. If chains or cables are used, provide protective blocking or padding to protect members from damage.
- Storage location should allow air movement around panels, but protect from Rain, Snow, Sun, and mechanical damage and be sufficiently elevated off the ground.
- Cover panels at all times with good quality tarps to protect them from precipitation and UV damage.

6. FINAL FINISH

- Finish sanding is recommended prior to applying any stain or finish to the exposed CLT panels. Apply stain to a small test section as different colors of stain bring out different characteristics in the wood. When finish sanding is needed, sand in the direction of the grain using 120 grit sandpaper. Follow the application directions for whatever finish product used. We recommend a final finish be applied to all visible MAX-CORE CLT® Panels.
- In general, all wood species change color over time as a result of exposure to natural light and oxidation of the wood fibers. Over the long term, the color differences will even out and in most instances will disappear altogether. If it is deemed necessary, the color difference can be corrected in the short term by manually sanding the affected areas to remove the sun tanned marks on the beam.
- Avoid sudden application of heat to buildings in cold weather can rapidly change the moisture content of the CLT panels which may affect the structural integrity.



IB X-LAM USA will void its warranty if the above conditions and recommendations are not followed.

Do not hesitate to contact us if you have any questions:
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