



Leaflet

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Appropriate handling of X-LAM (CLT)

TRANSPORT AND DELIVERY

- > If necessary, the loading sequence must be agreed with the manufacturer.
- > The components must be protected from moisture and contamination during transport.
- > Ensure problem-free access and departure.
- > If elements are stored at the construction site, the subsoil must be sufficiently load-bearing and dry.

SLINGING AND CRANING

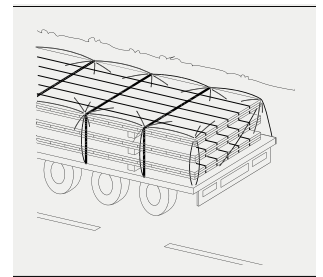
- > Operation by trained personnel only.
- > Use lifting and slinging means that are sufficiently dimensioned for the element weights in accordance with the installation instructions.
- > Check slinging points and equipment for damage before starting work.

STORAGE ON THE CONSTRUCTION SITE

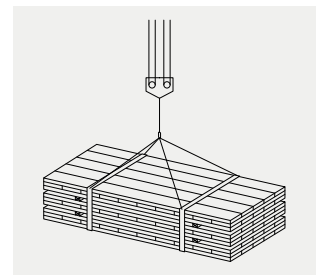
- > Use shims.
- > When stacking components horizontally, arrange layered and intermediate timbers on top of each other.
- > Store in such a way that they cannot tip over.
- > Remove wrapping foil to prevent condensation.
- > Protect components from rain, splash water and rising damp by providing sufficient clearance from the floor and by using tarpaulins.
- > In case of prolonged storage, arrange additional wooden supports to prevent creep deformation.

COMPONENTS DURING ASSEMBLY

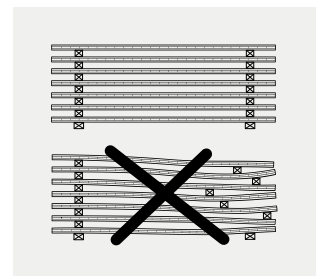
- > Assembly must be carried out in accordance with the assembly instructions.
- > Unacceptable moisture build-up must be avoided.
- > In particular, end-grain surfaces must be protected from moisture in the area of window reveals, end sections of ceilings (by covering) and bearing areas of walls on the lower long side (by masking).
- > Cover structural members until final weather protection is completed.
- > Avoid soiling and protect components by covering or similar if necessary.



Transport and delivery



Slinging and craning



Storage on the construction site



Components during assembly

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SAFETY INSTRUCTIONS AND PREVENTIVE MEASURES

- > The accident prevention regulations (UUV) must be observed at every stage.
- > We recommend the use of low-dust working methods and machines.
- > If the technical protective measures are not sufficient, we recommend a combination of protective measures for sufficient dust reduction.
- > Protective clothing (especially respiratory masks) should be worn during dust-intensive activities.
- > In this context, we refer to the technical rules for hazardous substances TRGS 553.

PROTECTION IN INSTALLED CONDITION

- > Covers help to prevent soiling of visible surfaces.
- > Ensure sufficient ventilation to avoid discoloration due to moisture build-up during construction (e.g. due to screed or plaster work).
- > Immediately but gently dry components that have become humid.

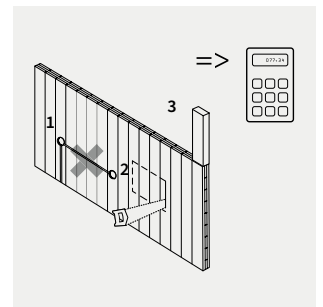
ON-SITE MODIFICATIONS

Recesses¹, apertures² and additional loads³

- > The design of on-site recesses and apertures must be coordinated with the construction management with regard to the effects on the load-bearing behavior.
- > The absorption of additional loads must be statically verified.



Protection in installed condition



On-site modifications