



## **Energy Panel Structures Inc.**

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*Simply Better Buildings*

## **EPS: Truss Repairs**

Truss Damage can occur from a variety of reasons: During EPS handling at the plant; During unloading (truss member caught on trailer, landing on uneven ground, etc); During handling on site (improper rigging, bending out of plane, dragged across the ground, run over, etc).

Truss Damage would include: Chords/Webs may be cracked across the grain, split with the grain, broken through, and/or missing whole members or pieces of; Plates may pull out of the lumber, may tear, and/or be missing; Holes drilled and/or members cut by other trades (electrical, plumbing, HVAC, etc).



### **When Truss is Damaged**

Report damage to EPS Inside Sales as soon as possible to avoid any additional conflict/delays. Provide a marked-up Truss Design Drawing (TDD) clearly describing the damage-extent and location of damage on the truss. TDD will have the Job Number, Job Name, and Truss ID/Label. Also provide a photo of the damage.

Indicate whether the truss is still on the ground or if it has been installed. If installed, are there issues we need to be aware of that we need to attempt to avoid in order to complete a proper repair (ie Sheathing, Bracing, Air Handling Units, etc). Alpine's engineering will then attempt to provide a suitable repair with these issues in mind. This, however, is not guaranteed. If installed, utilizing a TEMPORARY 'fix', please fully describe the site fix. If Alpine's engineering can incorporate the TEMPORARY 'fix' in their REQUIRED repair, they will do so. This, however, is not guaranteed.

### **Truss Repair Procedure**

Alpine requires a minimum of 24 hours from the time their engineering receives a repair request in order to adequately analyze and create a sealed repair. All relevant information must be received from EPS sales and/or engineering and then properly communicated to the Alpine engineers.

#### Information Required:

Job Number

Truss ID/Label

Status of Truss: Not Installed; Installed with Sheathing/Bracing

Cause of Damage

Description of Damage: Member Damaged; Chord/Web

Location of Damage: Joint Designation; Distance from nearest joint

Extent of Damage: Length of split; Extent of break; Amount of missing materials; Is plate pulling out of joint

Description of Temporary Field Repair: Material used; Fastening Pattern