

CARE AND MAINTENANCE – REQUIRED FOR WARRANTY COVERAGE

Ensuring Success on the Jobsite

AbsoluteTimber™ – Storage, Handling, Finishing and Installation of Glulam Members

Effective: June 2023

1. GENERAL INFORMATION

IMPORTANT NOTE: Failure to comply with the instructions in this manual and/or applicable substrate installation instructions may affect product performance and will void the product warranty.

Please ensure you review this manual in its entirety prior to installation of your Woodtone products. The purpose of this manual is to provide information and tips to simplify the storage, handling and installation process. Woodtone will not accept any liability or responsibility under our warranty for product failure caused by application that does not meet these requirements. No instruction manual can anticipate all questions that may arise. If you encounter a situation that is not covered by this manual, please contact us at woodtone.com or 800-663-9844.

Before installing Woodtone materials, please ensure you inspect the materials for breakage, foreign objects, surface defects, correct product, correct color and color consistency. Also check for wet or saturated products. Do not install product you are not comfortable with! Woodtone will consider installation of product as final acceptance and will not honor any claims regarding said product.

2. SAFETY

IMPORTANT NOTE: Follow all Government safety requirements as well as individual jobsite requirements. If you don't know, ask your onsite safety official.

- **Tools:** One of the most important things you can do to make the job go smoothly is to make sure that all tools are in good shape and everyone understands how to use them. Please follow guidelines for substrate manufacturers product to ensure proper use of tools.
- **Personal Protective Equipment (PPE):** OSHA requires that workers wear applicable personal protective equipment. Ensure you follow all PPE requirements for the substrate you are cutting and installing. Please see the substrate manufactures website for up to date safety practices
- **Slippery When Wet:** Material Wrap is slippery when wet or frozen. To prevent injury, do not allow workers to walk on bundles.

3. STORAGE

All materials should be stored level on the site and must be raised off the ground 6 to 12 inches, stacked using separating spacers. Even if the original wrapper is in place and in good condition it is recommended that the materials are covered with an additional opaque waterproof material (i.e. good quality tarpaulin). When glulam members are wrapped in poly, cut the poly on the underside of the member to prevent accumulation of water and condensation.

Care must be taken during loading, unloading and transporting in the yard and on the jobsite to protect the timbers from damage. Follow all safety precautions and requirements, ensure all Personal Protective Equipment is utilized and jobsite safety procedures are followed. Secure the loads with straps to keep from shifting and protect the edges with “softeners” where required for strapping.

4. HANDLING

Glulam members that will be exposed for visual aesthetics in the finished building should be handled using nylon or fabric slings to prevent surface damage. Also, it is advisable to use protective corners to prevent “crushing” of corners.

5. WEATHER CONDITIONS

Glulam members are susceptible to adverse weather conditions and precautions must be taken to protect them.

If unprotected, rain and moisture will cause staining of glulam members.

If bolts are used with steel connections, ensure they are free of oil, otherwise, this will cause staining. Using hot-dipped galvanized bolts and connectors will prevent this.

Any unprotected steel that could rust may also drip onto the glulam members and cause staining. Ensure the protective poly is kept on the glulam members until the roof is installed.

6. COLD / HEAT REQUIREMENTS

Sudden application of heat to buildings in cold weather can rapidly change the moisture content of the glulam members. This can seriously affect the structural integrity of the glulam members!

It is important that care is taken during transit, storage and throughout all stages of construction to avoid rapid changes in the moisture content of glulam members.

When applying heat to buildings, the following should be followed:

Gradually increase the heat in the building over a two-to-three-week period, up to normal temperatures. This will ensure a gradual change in the moisture content of the glulam member. The slower the moisture content in the wood equalizes with the moisture content in the air, the better.

Do not direct any forced air heating systems onto the glulam members.

Regulate all heating units remembering that hot air rises and temperatures at the ceiling can reach 100 degrees F plus. Glulam members are located here.

Maintain normal relative humidity in the building and monitor if necessary.

It is recommended to apply the final finish to the glulam member before heat is applied. This will help to regulate the change in moisture content.

7. INSTALLATION

It is critical that AbsoluteTimber™ products are installed following building practices for engineered timbers, all Local, State and Federal building requirements, coupled with engineering specifications. Load tables are available from Woodtone, please contact Woodtone directly at 1-800-663-9844 if you require a copy.

8. FINISHING

It is required to apply a semi-transparent, semi-solid or solid coat paint to the exposed glulam posts and timbers. 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.

AbsoluteTimber™ products are shipped from the plant with end-sealer applied to the ends of the timbers, it is recommended that the ends are resealed after timbers are cut to limit checking.

9. QUESTIONS

Additional information is available at Woodtone.com or 1-800-663-9844. If you are unsure of installation, care and maintenance, please call us before installation.