

GLUED WOODEN CONSTRUCTIONS STORAGE, TRANSPORT AND OPERATING RULES

1. GENERAL DESCRIPTION OF THE PRODUCT

Glued laminated timber constructions, which you have purchased is a high-tech product made in accordance with modern technology, using the highest quality wood and organic adhesive materials.

Wood is a classic building material. The production of glued wooden constructions, the board is dry before gluing modern dryers to 12 +/- 2% humidity, wood defects are not allowed cut, then the mini-blanks spiked and glued length, and thus obtained the desired length of the board (hereinafter lamellas) are planning, providing the necessary geometrical dimensions, and, in the same technological process it is necessary to adhere together the dimensions of a structure which is further prepared in accordance with the requirements of the customer. This design has made virtually the same moisture content as is, and during the operation. At the same time, is already technically minimized the possibility of cracking wood and available in the form of product stability. In addition, the design can be manufactured in virtually any size and is very different forms. Finally, the wood itself is a renewable natural product, clean and fully universally used, giving the interior /exterior unique effect.

Those responsible laminated construction is produced strictly in pursuance standards requirements the products are certified in Europe. The production process is constantly monitored laboratory specialists in the company, as well as the above-mentioned countries by independent accredited laboratories and institutes, as confirmed by the certificate. JURES MEDIS carry out additional services, i.e., together with the wooden structure can provide a wide range of mounting structures required standard and custom metal, galvanized by the hot or made of stainless steel.

2. CONSTRUCTION, TRANSPORTATION AND STORAGE UP TO DIRECT USE

Typically, laminated beam plant are prepared for shipment dimensions make transport packages which are polyethylene film, or each beam individually wrapped film. It should be remembered that such packaging is basically intended to protect the products from the soil loading, unloading and storage, construction site at the time.

This is not the protection of exposure to moisture!

On the contrary - the film minor violations could directly access the water (during transport or storage), or the improper storage conditions after the film to form condensates, which will have irreversible effects on the optical appearance of products – i.e, the beam may start to turn blue, to mold, wood, or more, and get wet while drying that it may appear larger cracks or deformation of the form. To avoid such undesirable effects brought into the site, we recommend that you observe the following simple requirements:

2.1 Storage

Loading blanks one on top of another is always necessary to distinguish between dry wooden intermediate. For temporary storage, we recommend you choose a dry and an equal basis to avoid possible deformation of beams.

2.2 Closing

The case for objective reasons, there is no possibility of storage of the preform under the roof, an open field, it is necessary to cover the water-tight cover (in spite of the factory, they were packed in the film). Should be covered so as to ensure ventilation. Recommended against covering the additional coating manufacturer's packaging to check, especially if the package is packed full - very useful to make vents.

2.3 Ventilation

If a film of moisture, Fig. on condensation, a film should be removed and make good conditions for natural ventilation. In many cases, is sufficient to puncture a film - moisture evaporated.

2.4 Angular protection

By raising the crane, the use of a broad textile lifting belts, lifting the edges of the preform and the areas must be protected using the spec. protective angles - that it is not lifting traces.

2.5 Drying

In general, glued wood is resistant to short-term direct impact on the water, but if a number of reasons blanks wetted, or the misuse of long-term storage of the wood moisture content increased significantly compared to the factory about 12% humidity, dried blanks to be slow and low - to be able to avoid possible cracks.

Special attention must be paid if, when the high humidity of the design is installed inside the building and start an intensive indoor heating - wood cracks in many cases unavoidable. Indoor comfort, we recommend to adjust so as not to cause a sharp room air temperature, and especially - to monitor and regulate the indoor air relative humidity. Optimal conditions - temperature 18-20 ° C and about 65% relative humidity indoors.

2.6 Wood structural protection from weather

In most cases, wooden constructions are mounted outdoor, fitted just above the roof covering. In cases where the structure provides no additional surface treatment with antiseptics and varnish / paint in our company, it is necessary to make a proper coverage of the wood antiseptics to protect from moisture exposure, color changes from

timber pests and to protect against the sun's ultraviolet radiation exposure, and also treated special antiseptic materials, to reduce flammability of the wood fire.

Many made the error - the design of wood cover the transparent ground 7 lakes. These lakes, not containing pigments, fail to protect the wood in the composition of lignin from the sun's ultraviolet radiation exposure, lignin decomposes and leads to the wood surface starts to gray, and the varnish coating simply "bounce". In this case the renewal of damaged sites is much more complex and demanding of time and material costs. Others made a mistake when the wood is covered with the correct selected lakes, but not required dry film thickness. Further follow - analogue as described above.

Note: the modern paint industry already produced the lakes with transparent pigments for protection against UV radiation exposure when necessary, use only the protective coatings.

It is very important: the wood (whether or solid, or glued) to absorb moisture and in particular several times to step through the construction of the cross-section, compared with other construction surfaces. Therefore, the object of our various constructions cut, it is necessary to beam rear surface cover specific and specially designed materials (consult with varnish paint manufacturers or suppliers). Design tool - fitting details, so that they are not in direct contact with the soil and prevent the possibility of construction of permanent contact with water (rain, etc. moisture sources).

Wood surfaces in the operating field, need to pay systematic attention, and hold on varnish / paint manufacturers recommendations. Construction, which operated in heated rooms, special surface protection measures do not (except antiseptic covering process against wood pests - if this is required under special conditions).

2.8 Complex structure, the producer responsibility

All, without exception, the production design process at all stages of production is strictly controlled, ranging from the sort of raw material and final completion and storage. Bonding and certified used only for the glue. Quality control is carried out in several stages, starting from a stable manufacturing control and the company's laboratory for testing of billets, and the independent certified institutes in Europe. For further use of the product, its installation site, just loads of counting and other technical-constructive questions suggest that you contact the experts with the necessary qualifications and licenses or with our specialists.

Our company is not responsible for glued structures possible defects or irregularities, if - the construction of the project is ready for the unskilled and non-professional license, or project not verified the technical expertise of specialists - wrong or not calculated by the load (including its own weight, snow and wind); - transport and storage structures, not the guidance above conditions, and the installation of- failure to comply with wooden beams, arcs, frame, truss mounting technology described in LR SDTP technology requirements not the construction of maintenance - ordering the production of our company, was not clear of on the beam strength of the class and the beam quality of visual class.

Failure to comply with the guidelines and recommendations, or using our products, not by purpose, UAB JURES MEDIS does not guarantee the accuracy of product/ design and structural properties of the quality.

UAB “JÜRÉS MEDIS”