



WOOD TREATED IN AUTOCLAVE

The development of new technologies for both wood and its preservation makes this ecological material once again occupy a prominent place worldwide, in construction as well as in other numerous utilities. The science of wood protection deals with transforming it by means of a specific treatment into a material unalterable by destructive agents, without damaging its physico-mechanical characteristics.

- Economical and durable material
- Recyclable, light and resistant
- Its production requires little energy
- Its use is totally harmless to the environment
- The preservatives used are totally harmless to people and the environment
- Treated wood doesn't produce waste for the environment
- The treatment allows to increase wood service life and avoids the indiscriminate felling of trees

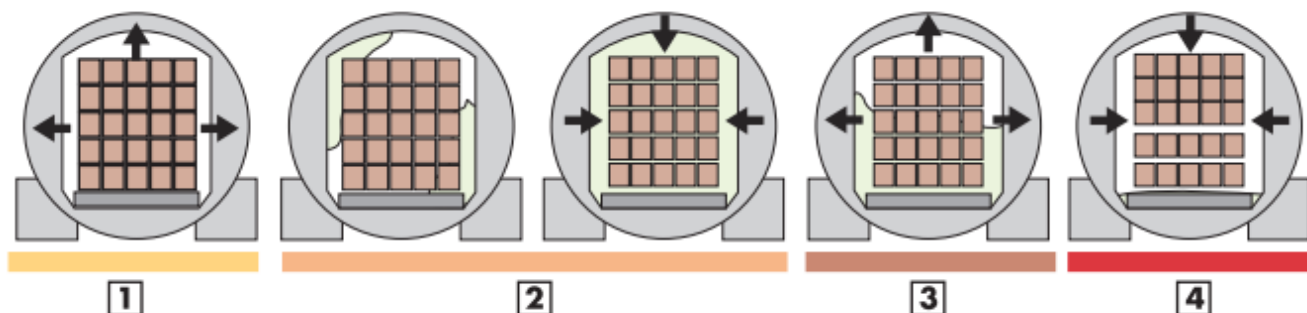
AUTOCLAVE TREATMENT SYSTEM

The applications of wood protectors can be carried out according to different systems, which provide the appropriate impregnation depending on the risk class to which wood is exposed.

The double vacuum autoclave system is the most effective for treating wood that may be exposed to the action of xylophages, besides the most unfavourable conditions for its durability. Thanks to this treatment, it is possible to go beyond a mere superficial impregnation, achieving almost absolute penetrations of the protective liquid inside the wood. The autoclave impregnation process consists in using pressure differences to deeply saturate the wood cells with the protective product. The double vacuum autoclave treatment is a controlled and guaranteed process in which the maximum performance is obtained in the application.

IMPREGNATION CYCLE

1. Introducing the wood in the treatment chamber and carrying out an initial vacuum in order to extract the air contained in the wood.
2. Impregnating the wood with the protective product, initially in a vacuum and then at atmospheric pressure.
3. Performing a final vacuum of variable intensity and maintenance time so that wood comes out without excess protective product
4. Extraction of the treated wood from the cylinder of the treatment plant



ADVANTAGES OF USING WOOD TREATED IN AUTOCLAVE

- Retains its own natural colour and aesthetic properties
- Almost doesn't suffer from swelling or shrinkage in case of changes in ambient moisture
- Wood increases its degree of stability against rainwater
- Can be decorated with varnished, Lasur, paint and all kind of decorative coatings
- Wood treated in this way increases its average lifespan by four, which leads to great savings in maintenance and replacement costs as its durability is guaranteed for a period of over 10 years

Products:



VM311



UM311R



UM311



UM311RD



UM311RS



UM1640-1



UM1640-2



UM1640-4



UM1640-5



UM1640-6



UM350



UM314



UM314B



UM314G



VM314



PA664



PA664S2



PA664S3



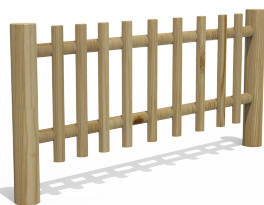
VRV460



PA639T



VRV440



VRV470R

