

Treated timber for durability...



The guarantee of durable timber



The CTB-B+ mark ensures the timber gives the expected level of conferred durability for the required use in accordance with the requirements of standard NF B 50-105-3

An adapted and controlled process

CTB-B+ is the guarantee for the implementation of quality treatment validated by FCBA and a controlled impregnation process.

Twice a year, FCBA audits the certified companies, ensures the Quality Plan is being followed and conducts sampling.

Simply using a CTB-P+ certified product not guarantee the quality of a timber treatment.

Confirmed effectiveness

CTB-B+ treated timber ensures the structure is resistant to wood-boring insects, wood-rotting fungi and termites.

Indeed, the combination of CTB-B+/CTB-P+ certifications allows the timber to be used in agricultural, wine-producing, aquatic, indoor and outdoor environments, play areas or other public or private spaces.

The environmental declaration sheets and life cycle analysis for CTB-B+ certified timber are available on the INIES database (INIES.fr).

CTB-B+ treated timber is taken to waste reception centres according to the regulations in force.

Responsible use of CTB-P+ certified treatment products

CTB-B+ imposes the use of CTB-P+ certified products.

CTB-P+ makes use in particular of the results of standardised field tests.

DURABILITY AND GUARANTEE :

how do you find it?

Expected durability is defined as the period of time the timber parts used are expected to perform for one single use. This period of time is largely dependent on the conditions of use and the quality of the installation of the treated timber.

A contractual guarantee is a binding commitment from the supplier to its customer to meet the requirements which define the duration and scope.

There are legal safeguards which will be applied if necessary.

Model of attestation of preventive treatment

Use of the logo confirms the certification of the timber

ATTESTATION de TRAITEMENT PREVENTIF N° 01702
Suyvant NF B 50-105-3

Classe d'emploi selon EN 335	1	2	3.1	3.2	4	
Rétentions					4	4 SP
Traitement conféré	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

France métropolitaine : France métropolitaine et DOM :
 Traitement antitermites : Traitement anti-bleu en service :

Nom du client :
 N° et date de la facture :
 Références du lot :
 Essences de bois :
 Procédé de traitement :

Produit utilisé : (voir informations au verso)
 Fabricant :

Annotations on form:
 - Logo: QUALITE CTB-B+ CERTIFIEE MATERIAU BOIS
 - Cachet de la station de traitement
 - Must be CTB-P+ certified
 - Companies holding the CTB-B+ right of use attest to the quality of the service

POSTS, STAKES, POLES

Round or hewn timber, generally pointed. They are intended for putting in the ground for various uses as fencing, signs, vineyards, arboriculture, etc.

These products are easy, quick and economical to install.



Performances

As they installed in the ground, these timbers are use class 4. Used in this way, they are reliable in terms of use and recommendations.

Expected durability varies according to usage.

For the specific treatment of vineyard and arboriculture posts, the retention required by CTB-B+ certification is retention 4 (SP), a value that enables a service life of over 15 years to be reached.



Installation

CTB-B+ treated wood ensures the durability of these works.

To ensure their durability, ensure to:

- **prohibit any machining after treatment.** However, for cuts and holes above ground, the exposed surfaces should be treated with a suitable product to help rebuild the initial level of protection
- **implement drainage adapted to the base** if the embedded part has been cast in concrete



Maintenance

CTB-B+ treated timber does require the application of any additional products to ensure durability. Mechanical damage should be treated in the same way as holes and sections, using a product appropriate for that purpose.

In accordance with standard NFB 50-105-3, it is not possible to use refractory tree species (spruce) in use class 4.

Timber treatment professional,
the CTB-B+ holder will provide
you with all advice needed.

CTB-B+
ensures
the durability
of treated timber

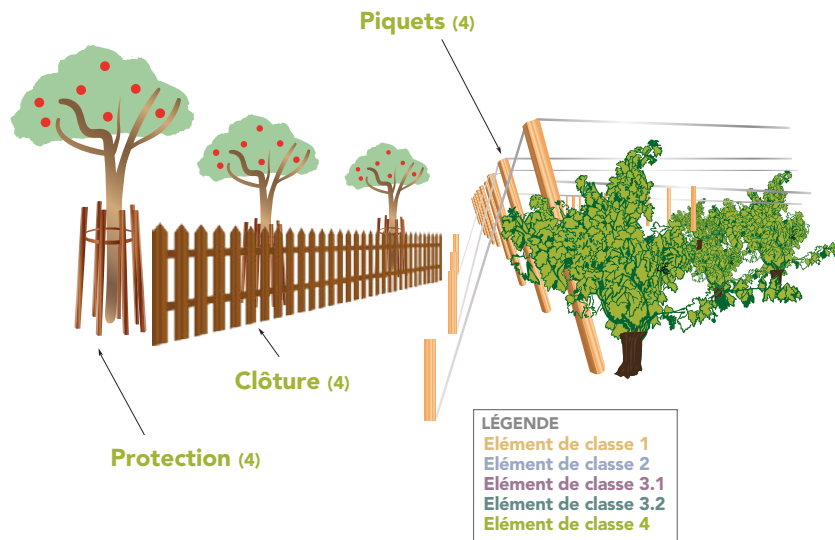
Universal use classes, specifications of different treatments :

Before choosing the timber species, please refer to the use class.

Identical in every country, the uses classes define the situation of the timber in a particular structure. They do not, however, attest to its suitability for use. For the same use class, the treatment requirements may vary from country to country.

Each species has its own characteristics in terms of natural durability (before treatment) and impregnability (capacity to retain the product). The allocation of a species to a use class determines how the timber should be treated. Its effectiveness depends on the selection of the timber, the quality and quantity of the product used and how the process is managed and controlled.

Class	Conditions of use	Method of preservation	
		Autoclave	Dipping
1	Internal timbers - Fully protected from adverse weather, not exposed to humidification		X
2	Internal timbers and external sheltered timbers - Protected from adverse weather, occasional but not persistent humidification (condensation)	X	X
3.1	External timbers that are not in contact with the ground, subjected to frequent humidification for short periods. Completely dries out in between two damp periods	X	X
3.2	External timbers that are not in contact with the ground, subjected to frequent humidification for long periods. Completely dries out in between two damp periods	X	
4	External timbers in contact with the ground or with a support subject to recurrent humidification, or fresh water contact, or where the design is such that significant water is retained, or exposed to very pronounced humidification	X	



NB : Indicative diagram. For service lives over 15 years, request use class 4SP



Test your knowledge with the Quiz on

www.ctbbplus.fr



Certification of CTB-B+ services is managed by FCBA (the French Institute of Technology for Forest-based and Furniture Sectors), key player in the timber-construction industry.

FCBA, a certification body accredited by COFRAC* (Certification of Products and Services, no. 5-0011, available on www.cofrac.fr and list of certificate holders available on www.ctbbplus.fr), contributes to the development of European standards for the preservation of timber used in buildings.

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