

Treated timber for durability...



CLADDING

B+

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 :

Must be CTB-P+ certified

Companies holding the CTB-B+ right of use attest to the quality of the service

CLADDING

Construction cladding used outdoors and simple to install.

They are made of strips of timber on appropriate supports (cleats, battens or a frame). Related products are, for example, clapboards and planks of various sizes.



Performances

The strips and battens treated according to CTB-B+ specifications are reliable in terms of use and expected service life.

They are suitable for the uses described in the DTU [unified technical document] 41.2 that specifies, for example :

- use classes 3.1 to 4 according to the usage situations (exposure)
- expected durability
- these products are subject to CE marking in compliance with with standard EN14 915



Installation

CTB-B+ treated wood ensures the service life of the cladding in service. To ensure its durability, the installation rules for these products laid down in DTU 41.2 should be observed.

According to treatment procedures and type of product used, an additional finish may be required.



Maintenance

Timber cladding weathers with time and maintains its durability afforded by the CTB-B+ treatment.

Its aesthetic appearance is maintained by cleaning using a brush and/or water jet (high pressure prohibited) or by the application of decorating products.

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	



Cladding (3.2)

Cladding (4) contact with the ground

LÉGENDE	
Elément de classe 3.1	
Elément de classe 3.2	
Elément de classe 4	

NB : indicative diagram. As use case 3 does not exist, request 3.1 or 3.2 according to the construction situation.

In all cases, please refer to FDP 20-651



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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