CTB CERTIFIÉ PAR FCBA

BOIS ACÉTYLÉ ACCOYA® CERTIFICATION INDIVIDUELLE N°517

QUALITY CERTIFICATE

PRODUCT INDIVIDUAL CERTIFICATION

(In case of dispute, only the French version of this certificate is the authentic text)

The company named below is certified by the Institut Technologique FCBA and holds the right to use the **ACCOYA® bois acétylé Individual Certification:**

ACCSYS TECHNOLOGIES (ACCSYS GROUP)

Arnhem, Netherlands

FCBA certifies, for **ACCOYA® material** (Radiata Pine (Pinus radiata D. Don)) the conformity to the following characteristics :

MECHANICAL CHARACTERISTICS

Bending strength (EN 408) - Normal conditions 20°C / 65% HR - Test done edgewise	5% exclusion characteristics values: MOE = 5290 MPa MOR = 22,4 MPa
Brinell hardness (EN 1534)	HB = 23.4 MPa (20°C / 65% HR) HB = 15.1 MPa (20°C / 12% HR)
Impact resistance (DIN 52189-1)	Average Impact bending strength= 50 kJ/m^2 No loss of Impact bending strength of the treated material compared with the non acetylated Radiata Pine
Screw holding capacity (EN 320 amended)	Better compared to non acetylated Radiata Pine

(next characteristics at the back)

FCBA INSTITUT TECHNOLOGIQUE

Siège Social
10, rue Galilée
CS 81050 Champs sur Marne
77447 Marne la Vallée Cedex 02
www.fcba.fr

Certificate n° :	517-22-2068-gb
Cancel and replace N°:	NA
Issue date :	25/02/2022
Expiry date :	24/02/2025
Page n°:	1 / 2

Certification Director

Alain HOCQUET

CTB CERTIFIÉ PAR FCBA
BOIS ACÉTYLÉ ACCOYA®
CERTIFICATION INDIVIDUELLE N°517

QUALITY CERTIFICATE

PRODUCT INDIVIDUAL CERTIFICATION

PHYSICAL CHARACTERISTICS

Dimensional stability (wet to dry) (BRL 0605)	Average density at 20°C / 65% HR = 510 Kg/m^3 Average shrinkage in radial direction = 0.7% Average shrinkage in tangential direction = 1.5%
Equilibrium moisture (BRL 0605)	Average Equilibrium Moisture Content (EMC) during desorption sequence: 2.5% at 20°C / 35% RH 4.5% at 20°C / 65% RH 7.5% at 20°C / 95% RH
Water uptake (EN 317 amended)	Water uptake after 91 days of immersion = 82,5%
Thermal conductivity (*EN 12664)*	λD = 0,12 W/(m.K)

BIOLOGICAL DURABILITY

Wood boring insects larvaes (EN 46-1)	Material not degraded by wood boring insects larvaes
Fungi *(dry rot, soft rot and white rot)* (EN 113 / ENV 807) after leaching (EN 84)	Durability class DC1 according to NF EN 350 Material suitable for use class 1 to 4 according to EN 335
Termites	
- **Choice test** (EN 117 amended)	Under choice test condition: - the material is not degraded by European subterranean termites - the material is not an appropriate source of food
- **Forced feeding test** (EN 118)	Under forced feeding situation: - the material is susceptible to termite degradation

Note :
Only products marked with the certification logotype may entitled this certificate