fibraplac | EPA CARB

AGLOMERADOS COTOPAXI
Sembrando futuro

CARBON NEGATIVE
REMOVALS > EMISSIONS

WHAT DOES IT MEAN TO HAVE A CARB II?

CARB II certification validates that a product meets the California Air Resources Board's ATCM (Air Toxicity Control Measure), which aims to reduce formaldehyde emissions from composite wood products. This certification applies differently to producers, manufacturers, and retailers, but is required for any composite wood product sold in the US.

AVAILABLE SUBSTRATES:

FIBRAPLAC EPA CARB® in its standard version. It provides the optimal density required by international standards UNE-EN 622-5:2010, and we also have CARB II certification.

FIBRAPLAC EPA CARB LIGHT ® they have a lower density, they are made using a select composition of wood, obtaining a lower weight that facilitates their handling and transportation. They provide differentiated applications and uses where resistance to weight is not essential.

FIBRAPLAC EPA CARB FORTE ® they are born from an industrial development that promotes greater ecological use of wood, resulting in more solid and resistant boards that replace the use of solid wood, with greater benefits and benefits.

TECHNICAL SPECIFICATIONS

THICKNESSES mm [±0,2]	BOARDS/ PALLET [u]	FORMAT [m]	DENSITY [kg/m³]	WEIGHT [kg]	MOISTURE [%]	SWELLING max. 2 h. [%]	INTERNAL TRACTION[1] [kg/cm²]	SCREW GRIP [kg]	FLEXION[2] [kg/cm²]
9 mm	80	1.83 X 2.44	650 ± 6%	5 -11	max. 15	max. 4	min. 6	min. 350	N/A
11 mm	65		560 ± 6%				min. 5.5	min. 300	
12 mm	60		550 ± 6%						
13 mm	55								
14 mm	51								
*15 mm	48		Std:610 ± 6% Light:550 ± 6%			Std:max. 5 Light: max.4	Std:min. 7 Light:min. 5.5	Std:min. 250 Light:min. 300	Std:mín. 85 Light:min. 80
17 mm	42		550 ± 6%			max. 4	min. 5.5	min. 300	mín. 80
*18 mm	40		Std:620 ± 6% Light:550 ± 6%			Std:max. 5 Light: max.4	Std:min. 8 Light:min. 5.5	Std:min. 250 Light:min. 300	Std:min. 90 Light:min. 80
*18.8 mm	38		Forte:680 ± 6% Light:550 ± 6%			Forte:max. 5 Light: max.4	Forte:min. 8 Light:min. 5.5	min. 300	Forte:min. 85 Light:min. 80
*19 mm	38								Forte:min. 90 Light:min. 80
19.3 mm	37		550 ± 6%			max. 4	min. 5.5	min. 250	min. 80
20.4 mm	35								
22 mm	32								
24 mm	29								
25 mm	29								
28.6 mm	25						min. 4.5	min. 230	min. 60
30 mm	23								
35 mm	20								
37.8 mm	19								
38 mm	18								
45mm	16		530 ± 6%						

*15mm, 18mm available in standard FIBRAPLAC EPA CARB®.
*18.8mm, 19mm available in FIBRAPLAC EPA CARB FORTE ® substrate.
Additional thicknesses available in FIBRAPLAC EPA CARB LIGHT ®

1 Defines the bonding strength of the fibers inside of the board

2 It is defined by the allowable load capacity that a board supports, considering supports at both ends of it.

This product generates waste cataloged as NOT DANGEROUS

100% Made from FOREST PLANTATIONS

USES AND APPLICATIONS

FIBRAPLAC EPA CARB®

- Household furniture
- Handmade toys
- Work stations
- Shelves and displays
- Doors and panels
- Decorative coverings
- Acoustic insulation

FIBRAPLAC EPA CARB FORTE®

- Household furniture
- Tables and doors
- Shelves

FIBRAPLAC EPA CARB LIGHT®

- Decorations
- Room divisions
- Sweepers and borders
- Decorative coverings
- Toys
- Drummed
- Acoustic insulation

...and more

ADVANTAGE

FIBRAPLAC EPA CARB®

- ☑ Ideal composition for making furniture.
- ☑ Resistant and versatile.
- ☑ Excellent alternative to the use of solid wood.
- ☑ Clean cuts without chipping.
- ☑ Can be routed, openworked and postformed
- ☑ It has the ideal finish for lacquering any raw finish.
- ☑ Low consumption of dyes and sealants.
- ☑ Easy to handle and transport.
- ☑ Optimal use of the board.

Additional:

FIBRAPLAC EPA CARB FORTE®

- ☑ Ideal substitute for solid wood
- ☑ Labor time savings
- ☑ Waste and cost reduction

FIBRAPLAC EPA CARB LIGHT®

- ☑ Ideal for making light furniture
- ☑ Less tool wear

RECOMMENDATIONS

- Do not expose the boards directly to the sun or rain, as well as protect faces and seal the songs.
- Carry out a guide drilling and ensure that the screw used has a diameter less than or equal to 30% of the thickness of the board.
- For the board sizing stage, it is recommended to use gloves, protective glasses and a mask to avoid contact of dust in respiratory tract and view.
- For handling, transportation and storage it is recommended to use of load lifting elements or machinery.