fibraplac | EPA CARB LIGHT

AGLOMERADOS COTOPAXI
Sembrando futuro

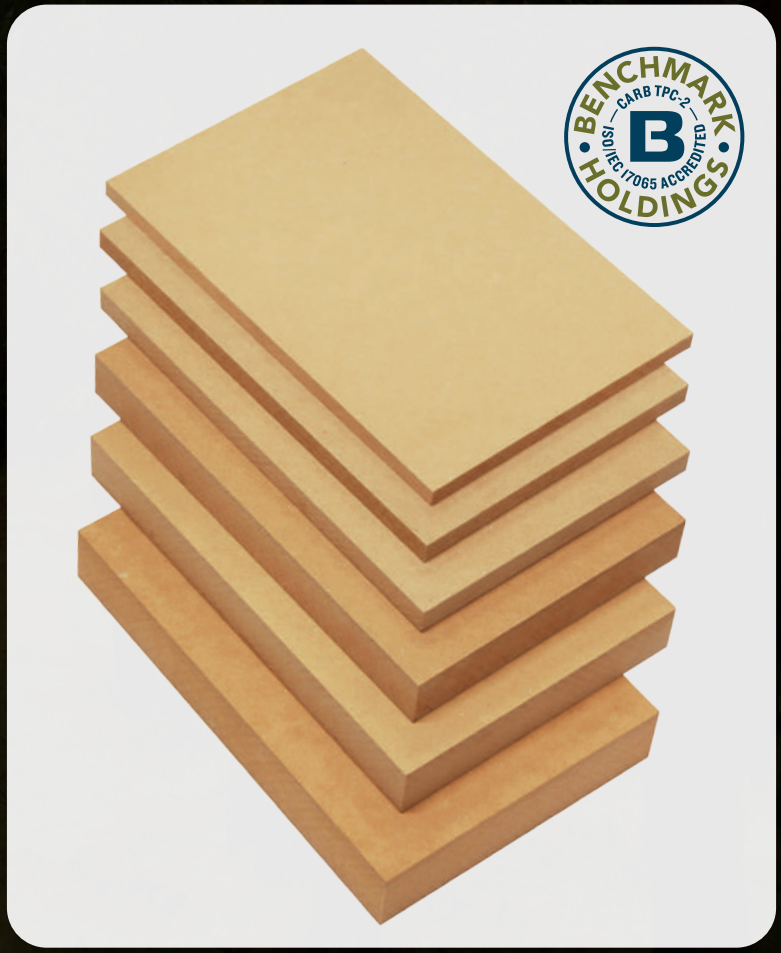
FIBRAPLAC EPA CARB LIGHT® board, has lower density than standard MDF. It is elaborated with a select composition of wood obtaining a lighter weight that facilitates manipulation and transportation. It works for different applications and uses, especially when weight support is not essential. Complying with the UNE-EN 622-5:2010 international standards and also CARB II compliant our board´s quality is meticulously validated and tested.

WHAT DOES CARB II CERTIFICATION MEAN?

The CARB II certification validates that a product is compliant with the California Air Resources Board ATCM (Airborne Toxic Control Measure), whose goal is to reduce formaldehyde emissions from composite wood products. This certification applies differently to producers, manufacturers and retailers but is mandatory for any composite wood product sold in the U.S.A.

CHARACTERISTICS

FIBRAPLAC EPA CARB LIGHT® board is characterized by its smooth and homogeneous composition, as well as it´s uniform tone that allows it to receive all kinds of finishing. It is easy to machine machinability, supports high loads and has better resistance to combustion than solid wood. Even with its low density, it offers a compact core and optimal screw grip, perfect for use in moldings and decorative applications.



TECHNICAL SPECIFICATIONS

THICKNESSES mm [±0,2]	BOARDS / PALLET [U]	FORMAT [m]	DENSITY [kg/m³]	MOISTURE [%]	ABSORTION 2 h. [% Weight]	SWELLING max. 2 h. [%]	INTERNAL TRACTION[1] [kg/cm²]	FLEXION[2] [kg/cm²]	SCREW GRIP [kg]
9 mm	80	1.83 X 2.44	600 ± 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								min. 80
*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: min. 85 LIGHT: min. 80
17 mm	42		550 ± 6%			max. 4	min. 6	min. 300	min. 80
*18 mm	40		STD: 620± 6% LIGHT: 550± 6%			STD: max. 5 LIGHT: max. 4	STD: min. 8 LIGHT: min. 6	STD: min. 250 LIGHT: min. 300	STD: min. 90 LIGHT: min. 80
19 mm	38		550 ± 6%			max. 4	min. 5.5	min. 300	min. 80
25 mm	29							min. 250	
28.6 mm	25								
37.8 mm	19								min. 70
38 mm	18						min. 4.5	min. 230	min. 60
45mm	16		530 ± 6%						

1 Defines the bonding strenght of the fibers inside the board.

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

3 15 y 18 mm are also available in standard density

This product generates waste cataloged as NOT DANGEROUS

USES AND APPLICATIONS

- Moldings
- Decorations
- Interior divisions
- Borders
- Decorative coatings
- Toys
- Drums
- Acoustic isolation

...and more

100% Made from FOREST PLANTATIONS

ADVANTAGE

- ☑ Ideal for making light furniture
- ☑ Resistant and versatile
- ☑ Clean cuts without chipping
- ☑ Ideal for sanding and finishing
- ☑ Easy to handle and transport
- ☑ Less wear of tools and machinery

RECOMMENDATIONS

- Do not expose the boards directly to the sun or rain, protect the faces and seal the edges.
- Perform guide perforation, use screw with a diameter less than or equal to 30% of the thickness of the board.
- Use gloves, protective goggles and a mask to avoid contact with dust.
- Use load lifting tools for handling, transportation and storage.