

## *Alisan panels*



ISO 9001

BUREAU VERITAS  
Certification

Nº 7002938



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# ALISAN PANELS



## characteristics of the system

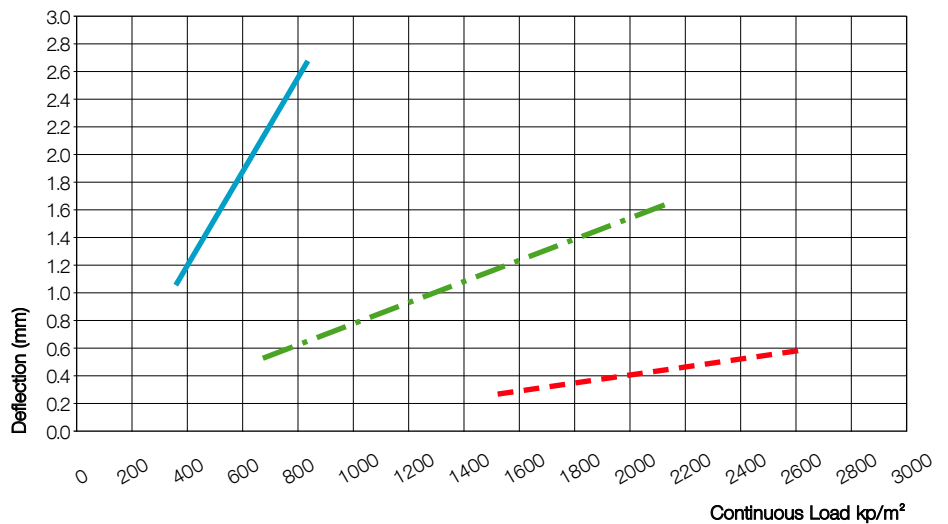
- Approximate measurements: 1970 x 500 x 27 mm
- Calculated stress = 80 kP/cm<sup>2</sup>
- Inertia I<sub>xx</sub> = 82.01 cm<sup>4</sup>
- Resistance module = 60.75 cm<sup>3</sup>
- Young's Module parallel E = 100,000 kP/cm<sup>2</sup>

- One middle strip
- - - Two middle strips
- - - Three middle strips

### Deflection of the Alisan Boards ▶

Examples: 20 cm slab and 35 cm reticular with a overload of 100 kP, they weigh approx. 580 kP/m<sup>2</sup>. According to the project and work requirements, L/500, L/300 or 3 mm of maximum admissible deflection will be accepted.

\*These figures are only guidelines and do not represent a contractual commitment.



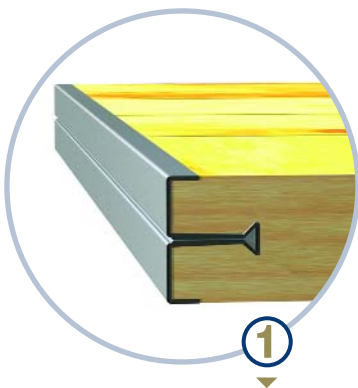
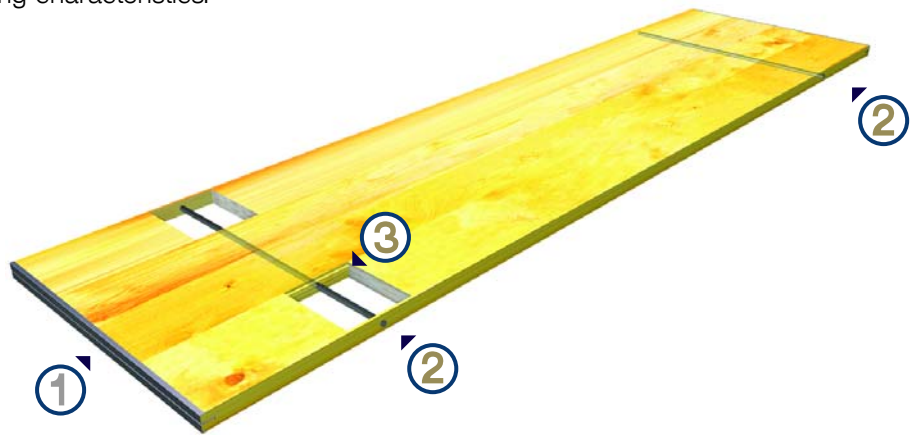
## → The best lining for our slab systems

### The best lining for our slab systems

In order to make the formwork surfaces, we took the maximum benefit from the technological characteristics of the wood, since it is a renewable, biodegradable, recyclable material that does not pollute the environment.

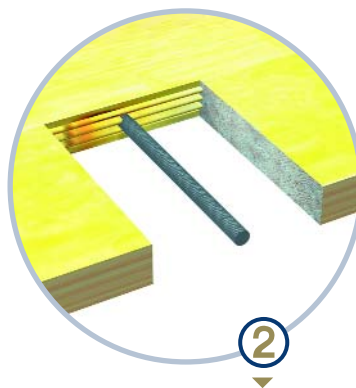
Alsina has manufactures the Alisan range of Boards since 1968; first board manufactured with glued planks, protective metal profile and useable on both sides. At the present time we have made more than 20 million boards and can offer a wide range of boards based on the needs of our clients.

Our Alisan Board has the following characteristics:



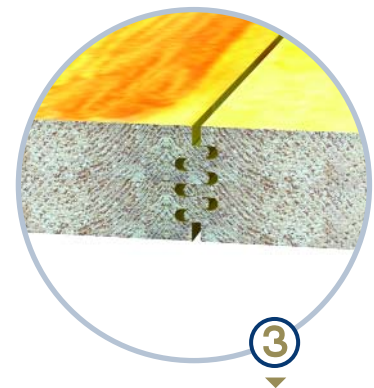
#### protected with profile "T"

The "T"-shaped profile provides greater durability to the board since, unlike other profiles on the market, it does not bend easily when hit and it does not come unhooked from the board. Its main function is to protect the board when it falls when stripping the floor.



#### reinforced with rods

The board is reinforced with two threaded steel rods which are inserted perpendicularly to the board. This stabilizes the board more, making the separation between the boards more difficult and prolonging its service life.



#### dovetail joints

The planks that form the panel are machined so that the joints are dovetailed, therefore the contact surface is tripled. This entails a greater amount of glue, which provides greater resistance and durability.

## Alisan Panels range

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### alisan II board

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- Single-layer board.
- Selected pine wood.
- Treated with concrete release agent on both sides.
- All of this makes the Alisan II the hardest single-layer board.



### alisan XXI board

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**PATENTED**

- Single-layer board.
- Selected stable coniferous wood.
- Treated with fiber stabilizer. Alisina's patented treatment makes it more stable to the changes of humidity and ambient temperature (reduce the moisture capacity).
- All of this makes the Alisan XXI the most stable single-layer board.



### alisan reinforced board

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- Single-layer board.
  - Selected pine wood.
  - Treated with concrete release agent on both sides.
  - Reinforced board with 35 mm edge on its central part.
- Designed for reducing the deflection in filling and capitals in the pouring waffle slabs with recoverable caisson.



### alisan three-layer

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- Three equal layers of 9 mm.
- Selected stable coniferous wood.
- Longitudinal arrangement of the 2 outer layers.
- Transverse arrangement of the central layer.
- Glue coating on the outer layers for creating slabs with smooth finish.

